



**Attachment A: 2018/2020 DEQ 303d
Impaired Waters List**

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_CL_1710020102_106224	Ecola State Park	Coastline Unit	North Coast
OR_CL_1710020102_106225	Cannon Beach	Coastline Unit	North Coast
OR_CL_1710020102_106225	Cannon Beach	Coastline Unit	North Coast
OR_CL_1710020102_106226	Del Rey Beach State Recreation Site	Coastline Unit	North Coast
OR_CL_1710020102_106227	Tolovana State Park Beach	Coastline Unit	North Coast
OR_CL_1710020102_106227	Tolovana State Park Beach	Coastline Unit	North Coast
OR_CL_1710020102_106228	Arcadia State Park Beach	Coastline Unit	North Coast
OR_CL_1710020102_106229	Cape Falcon Shoreside Marine Protected Area	Coastline Unit	North Coast
OR_CL_1710020102_106230	Devils Cauldron	Coastline Unit	North Coast
OR_CL_1710020102_106231	Manzanita Beach	Coastline Unit	North Coast
OR_CL_1710020102_106232	Nehalem Bay State Park Beach	Coastline Unit	North Coast
OR_CL_1710020102_106267	Fort Stevens State Park Beach	Coastline Unit	North Coast
OR_CL_1710020102_106268	Sunset Beach	Coastline Unit	North Coast
OR_CL_1710020102_106275	Seaside Beach	Coastline Unit	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_CL_1710020102_106275	Seaside Beach	Coastline Unit	North Coast
OR_CL_1710020102_106275	Seaside Beach	Coastline Unit	North Coast
OR_CL_1710020102_106276	Indian Beach at Ecola State Park	Coastline Unit	North Coast
OR_CL_1710020102_106277	Oswald West State Park	Coastline Unit	North Coast
OR_CL_1710020102_106278	Hug Point State Park Beach	Coastline Unit	North Coast
OR_CL_1710020102_106279	Short Sand Beach	Coastline Unit	North Coast
OR_CL_1710020310_106233	Barview County Park Beach	Coastline Unit	North Coast
OR_CL_1710020310_106234	Manhattan Beach State Park	Coastline Unit	North Coast
OR_CL_1710020310_106235	Rockaway Beach	Coastline Unit	North Coast
OR_CL_1710020310_106235	Rockaway Beach	Coastline Unit	North Coast
OR_CL_1710020310_106236	Twin Rocks Beach	Coastline Unit	North Coast
OR_CL_1710020310_106237	Bob Straub State Park Beach	Coastline Unit	North Coast
OR_CL_1710020310_106238	Oceanside Beach State Wayside	Coastline Unit	North Coast
OR_CL_1710020310_106239	Cape Lookout State Park Beach	Coastline Unit	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_CL_1710020310_106240	Sand Lake Recreation Area	Coastline Unit	North Coast
OR_CL_1710020310_106241	Sitka Sedge State Natural Area	Coastline Unit	North Coast
OR_CL_1710020310_106242	Cape Kiwanda State Natural Area	Coastline Unit	North Coast
OR_CL_1710020310_106243	Neskowin Beach	Coastline Unit	North Coast
OR_CL_1710020310_106280	Cape Meares National Wildlife Refuge	Coastline Unit	North Coast
OR_CL_1710020310_106281	Cape Meares Beach	Coastline Unit	North Coast
OR_CL_1710020310_106282	Short Beach	Coastline Unit	North Coast
OR_CL_1710020310_106283	Cape Lookout	Coastline Unit	North Coast
OR_CL_1710020310_106284	Cape Kiwanda State Park Beach	Coastline Unit	North Coast
OR_CL_1710020310_106285	Cascade Head	Coastline Unit	Mid Coast
OR_CL_1710020410_106218	Depoe Bay	Coastline Unit	Mid Coast
OR_CL_1710020410_106244	Nelscott Beach	Coastline Unit	Mid Coast
OR_CL_1710020410_106245	Moolack Beach	Coastline Unit	Mid Coast
OR_CL_1710020410_106246	Otter Rock Marine Garden	Coastline Unit	Mid Coast
OR_CL_1710020410_106247	Yaquina Bay State Park Beach	Coastline Unit	Mid Coast
OR_CL_1710020410_106248	Nye Beach	Coastline Unit	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_CL_1710020410_106248	Nye Beach	Coastline Unit	Mid Coast
OR_CL_1710020410_106249	Agate Beach	Coastline Unit	Mid Coast
OR_CL_1710020410_106250	Otter Rock Beach	Coastline Unit	Mid Coast
OR_CL_1710020410_106251	Roads End Beach	Coastline Unit	Mid Coast
OR_CL_1710020410_106252	D River Beach	Coastline Unit	Mid Coast
OR_CL_1710020410_106253	Gleneden Beach	Coastline Unit	Mid Coast
OR_CL_1710020410_106254	Fogarty Creek Beach	Coastline Unit	Mid Coast
OR_CL_1710020410_106255	Boiler Bay	Coastline Unit	Mid Coast
OR_CL_1710020410_106256	Whale Cove	Coastline Unit	Mid Coast
OR_CL_1710020410_106257	Beverly Beach	Coastline Unit	Mid Coast
OR_CL_1710020410_106286	Wecoma Beach	Coastline Unit	Mid Coast
OR_CL_1710020410_106287	Devils Punch Bowl Beach	Coastline Unit	Mid Coast
OR_CL_1710020410_106288	Yaquina Head	Coastline Unit	Mid Coast
OR_CL_1710020508_105033	Florence North Jetty Beach	Coastline Unit	Mid Coast
OR_CL_1710020508_105040	Heceta Beach	Coastline Unit	Mid Coast
OR_CL_1710020508_105826	Cape Perpetua	Coastline Unit	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_CL_1710020508_106258	Lost Creek State Recreation Site	Coastline Unit	Mid Coast
OR_CL_1710020508_106259	Ona Beach	Coastline Unit	Mid Coast
OR_CL_1710020508_106260	Seal Rock Beach	Coastline Unit	Mid Coast
OR_CL_1710020508_106261	Tillicum Beach	Coastline Unit	Mid Coast
OR_CL_1710020508_106262	Governor Patterson State Park	Coastline Unit	Mid Coast
OR_CL_1710020508_106263	Beachside State Park Beach	Coastline Unit	Mid Coast
OR_CL_1710020508_106264	Strawberry Hill Wayside	Coastline Unit	Mid Coast
OR_CL_1710020508_106265	Carl G. Washburne Memorial State Park	Coastline Unit	Mid Coast
OR_CL_1710020508_106266	Driftwood Beach	Coastline Unit	Mid Coast
OR_CL_1710020508_106269	South Beach	Coastline Unit	Mid Coast
OR_CL_1710020508_106270	Smelt Sands State Recreation Site	Coastline Unit	Mid Coast
OR_CL_1710020508_106271	Tokatee Klootchman State Wayside	Coastline Unit	Mid Coast
OR_CL_1710020508_106272	Rock Creek Campground - Roosevelt Beach	Coastline Unit	Mid Coast
OR_CL_1710020508_106273	Muriel O. Ponsler Memorial State Scenic Viewpoint	Coastline Unit	Mid Coast
OR_CL_1710020508_106274	Sea Lion Point	Coastline Unit	Mid Coast
OR_CL_1710020508_106289	Yachats Wayside Beach	Coastline Unit	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_CL_1710020508_106290	Neptune Beach	Coastline Unit	Mid Coast
OR_CL_1710020508_106291	Searose Beach	Coastline Unit	Mid Coast
OR_CL_1710020508_106292	Stonefield Beach State Recreation Site	Coastline Unit	Mid Coast
OR_CL_1710020508_106293	Heceta Head	Coastline Unit	Mid Coast
OR_CL_1710020508_106294	Devil's Elbow State Park	Coastline Unit	Mid Coast
OR_CL_1710020508_106408	Baker Beach	Coastline Unit	Mid Coast
OR_CL_1710020702_104916	Oregon Dunes National Rec Area - South Jetty Beach	Coastline Unit	Mid Coast
OR_CL_1710030405_104917	Oregon Dunes National Rec Area - Umpqua Dunes	Coastline Unit	South Coast
OR_CL_1710030405_105034	Gregory Point	Coastline Unit	South Coast
OR_CL_1710030405_105035	Shore Acres State Park	Coastline Unit	South Coast
OR_CL_1710030405_105036	Big Devil Gulch	Coastline Unit	South Coast
OR_CL_1710030405_105037	Whiskey Run Beach	Coastline Unit	South Coast
OR_CL_1710030405_105039	Bullards Beach	Coastline Unit	South Coast
OR_CL_1710030405_105041	Umpqua Beach	Coastline Unit	South Coast
OR_CL_1710030405_105042	Seven Devils State Recreation Site	Coastline Unit	South Coast
OR_CL_1710030405_105045	Oregon Dunes National Rec Area - Horsfall Beach	Coastline Unit	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_CL_1710030405_105046	Cape Arago State Park - South Cove	Coastline Unit	South Coast
OR_CL_1710030405_105047	Cape Arago	Coastline Unit	South Coast
OR_CL_1710030405_105048	Cape Arago State Park - North Cove	Coastline Unit	South Coast
OR_CL_1710030405_105049	Sunset Bay State Park Beach	Coastline Unit	South Coast
OR_CL_1710030405_105049	Sunset Bay State Park Beach	Coastline Unit	South Coast
OR_CL_1710030405_105050	Bastendorff Beach	Coastline Unit	South Coast
OR_CL_1710030405_105051	North Spit	Coastline Unit	South Coast
OR_CL_1710030605_104605	Humbug Mountain State Park North	Coastline Unit	South Coast
OR_CL_1710030605_104703	Port Orford Heads	Coastline Unit	South Coast
OR_CL_1710030605_104704	Battle Rock State Park Beach	Coastline Unit	South Coast
OR_CL_1710030605_104706	Hubbard Mound	Coastline Unit	South Coast
OR_CL_1710030605_104707	Sisters Rock State Park	Coastline Unit	South Coast
OR_CL_1710030605_104708	Nesika Beach	Coastline Unit	South Coast
OR_CL_1710030605_104715	Paradise Point State Recreation Site	Coastline Unit	South Coast
OR_CL_1710030605_104716	Hubbard Creek Beach	Coastline Unit	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_CL_1710030605_104721	Port Point Beach	Coastline Unit	South Coast
OR_CL_1710030605_104722	Blacklock Point	Coastline Unit	South Coast
OR_CL_1710030605_104723	Cape Blanco State Park - Sixes River Beach	Coastline Unit	South Coast
OR_CL_1710030605_104724	Cape Blanco	Coastline Unit	South Coast
OR_CL_1710030605_104725	Humbug Mountain State Park South	Coastline Unit	South Coast
OR_CL_1710030605_104726	Humbug Mountain State Park Beach	Coastline Unit	South Coast
OR_CL_1710030605_104727	Arizona Beach State Recreation Site	Coastline Unit	South Coast
OR_CL_1710030605_104728	Ophir Beach	Coastline Unit	South Coast
OR_CL_1710030605_104729	Otter Point State Recreation Site	Coastline Unit	South Coast
OR_CL_1710030605_105038	Bandon South Jetty County Park	Coastline Unit	South Coast
OR_CL_1710030605_105043	Face Rock State Scenic Viewpoint	Coastline Unit	South Coast
OR_CL_1710030605_106332	Bandon State Natural Area	Coastline Unit	South Coast
OR_CL_1710031206_104702	Natural Bridges	Coastline Unit	South Coast
OR_CL_1710031206_104705	Buena Vista Ocean Wayside Park	Coastline Unit	South Coast
OR_CL_1710031206_104709	Gold Beach	Coastline Unit	South Coast
OR_CL_1710031206_104710	Cape Sebastian	Coastline Unit	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_CL_1710031206_104711	Red Point South	Coastline Unit	South Coast
OR_CL_1710031206_104712	Harris Beach State Park	Coastline Unit	South Coast
OR_CL_1710031206_104712	Harris Beach State Park	Coastline Unit	South Coast
OR_CL_1710031206_104713	Tanbark Point	Coastline Unit	South Coast
OR_CL_1710031206_104714	Crissey Field State Recreation Site	Coastline Unit	South Coast
OR_CL_1710031206_104717	Hunter Creek Beach	Coastline Unit	South Coast
OR_CL_1710031206_104718	Pistol River State Scenic Viewpoint	Coastline Unit	South Coast
OR_CL_1710031206_104719	Sporthaven Beach	Coastline Unit	South Coast
OR_CL_1710031206_104720	Thomas Point	Coastline Unit	South Coast
OR_CL_1710031206_104730	Meyers Beach	Coastline Unit	South Coast
OR_CL_1710031206_104731	Samuel H. Boardman SSC - China Beach	Coastline Unit	South Coast
OR_CL_1710031206_104732	Cape Ferrelo	Coastline Unit	South Coast
OR_CL_1710031206_104733	Samuel H. Boardman SSC - Whaleshead Beach	Coastline Unit	South Coast
OR_CL_1710031206_104734	Samuel H. Boardman SSC - Lone Ranch Beach	Coastline Unit	South Coast
OR_CL_1710031206_104735	Rainbow Rock	Coastline Unit	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_CL_1710031206_104736	Fountain Rock	Coastline Unit	South Coast
OR_CL_1710031206_104737	Mill Beach	Coastline Unit	South Coast
OR_CL_1710031206_104737	Mill Beach	Coastline Unit	South Coast
OR_CL_1710031206_104738	Red Point North	Coastline Unit	South Coast
OR_CL_1710031206_104739	McVay Rock State Recreation Site	Coastline Unit	South Coast
OR_EB_1710020101_01_100300	Necanicum River	Estuary: Mainstem	North Coast
OR_EB_1710020101_01_100315	Ecola Creek	Estuary: Mainstem	North Coast
OR_EB_1710020101_01_100315	Ecola Creek	Estuary: Mainstem	North Coast
OR_EB_1710020101_01_107210	Necanicum River	Estuary: Necanicum River Arm lower	North Coast
OR_EB_1710020101_01_107211	Necanicum River	Estuary: Necanicum River Arm upper	North Coast
OR_EB_1710020101_01_107212	Necanicum River	Estuary: Neawanna Creek Arm	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710020101_01_107212	Necanicum River	Estuary: Neawanna Creek Arm	North Coast
OR_EB_1710020101_01_107213	Necanicum River	Estuary: Neacoxie Creek Arm	North Coast
OR_EB_1710020206_01_100299	Nehalem Bay	Estuary: Mainstem lower	North Coast
OR_EB_1710020206_01_100299	Nehalem Bay	Estuary: Mainstem lower	North Coast
OR_EB_1710020206_01_100299	Nehalem Bay	Estuary: Mainstem lower	North Coast
OR_EB_1710020206_01_107214	Nehalem Bay	Estuary: Mainstem upper	North Coast
OR_EB_1710020206_01_107214	Nehalem Bay	Estuary: Mainstem upper	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710020302_01_100295	Nestucca River	Estuary: Mainstem	North Coast
OR_EB_1710020302_01_100295	Nestucca River	Estuary: Mainstem	North Coast
OR_EB_1710020302_01_100295	Nestucca River	Estuary: Mainstem	North Coast
OR_EB_1710020302_01_100295	Nestucca River	Estuary: Mainstem Estuary: Little Nestucca River	North Coast
OR_EB_1710020302_01_107215	Nestucca River	Arm	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710020302_01_107216	Nestucca River	Estuary: Nestucca River Arm	North Coast
OR_EB_1710020302_01_107216	Nestucca River	Estuary: Nestucca River Arm	North Coast
OR_EB_1710020302_01_107216	Nestucca River	Estuary: Nestucca River Arm	North Coast
OR_EB_1710020302_01_107216	Nestucca River	Estuary: Nestucca River Arm	North Coast
OR_EB_1710020302_01_107216	Nestucca River	Estuary: Nestucca River Arm	North Coast
OR_EB_1710020308_01_100298	Tillamook Bay	Estuary: Mainstem lower	North Coast
OR_EB_1710020308_01_100298	Tillamook Bay	Estuary: Mainstem lower	North Coast
OR_EB_1710020308_01_100298	Tillamook Bay	Estuary: Mainstem lower	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710020308_01_100298	Tillamook Bay	Estuary: Mainstem lower	North Coast
OR_EB_1710020308_01_107225	Tillamook Bay	Estuary: Mainstem upper	North Coast
OR_EB_1710020308_01_107225	Tillamook Bay	Estuary: Mainstem upper	North Coast
OR_EB_1710020308_01_107225	Tillamook Bay	Estuary: Mainstem upper	North Coast
OR_EB_1710020308_01_107225	Tillamook Bay	Estuary: Mainstem upper	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710020308_01_107225	Tillamook Bay	Estuary: Mainstem upper	North Coast
OR_EB_1710020308_01_107225	Tillamook Bay	Estuary: Mainstem upper	North Coast
OR_EB_1710020308_01_107225	Tillamook Bay	Estuary: Mainstem upper	North Coast
OR_EB_1710020309_01_100297	Netarts Bay	Estuary: Mainstem	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710020309_01_100297	Netarts Bay	Estuary: Mainstem	North Coast
OR_EB_1710020403_01_100318	Yaquina River	Estuary: Mainstem lower	Mid Coast
OR_EB_1710020403_01_100318	Yaquina River	Estuary: Mainstem lower	Mid Coast
OR_EB_1710020403_01_100318	Yaquina River	Estuary: Mainstem lower	Mid Coast
OR_EB_1710020403_01_107231	Yaquina River	Estuary: Mainstem upper	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710020403_01_107231	Yaquina River	Estuary: Mainstem upper	Mid Coast
OR_EB_1710020403_01_107231	Yaquina River	Estuary: Mainstem upper	Mid Coast
OR_EB_1710020403_01_107231	Yaquina River	Estuary: Mainstem upper	Mid Coast
OR_EB_1710020403_01_107232	Yaquina River	Estuary: Nute Slough	Mid Coast
OR_EB_1710020403_01_107232	Yaquina River	Estuary: Nute Slough	Mid Coast
OR_EB_1710020407_01_100293	Siletz Bay	Estuary: Mainstem lower	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710020407_01_100293	Siletz Bay	Estuary: Mainstem lower	Mid Coast
OR_EB_1710020407_01_100293	Siletz Bay	Estuary: Mainstem lower	Mid Coast
OR_EB_1710020407_01_107218	Siletz Bay	Estuary: Drift Creek Arm	Mid Coast
OR_EB_1710020407_01_107218	Siletz Bay	Estuary: Drift Creek Arm	Mid Coast
OR_EB_1710020407_01_107219	Siletz Bay	Estuary: Schooner Creek Arm	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710020407_01_107219	Siletz Bay	Estuary: Schooner Creek Arm	Mid Coast
OR_EB_1710020407_01_107220	Siletz Bay	Estuary: Mainstem upper	Mid Coast
OR_EB_1710020408_01_100294	Salmon River	Estuary: Mainstem lower	Mid Coast
OR_EB_1710020408_01_100294	Salmon River	Estuary: Mainstem lower	Mid Coast
OR_EB_1710020408_01_107217	Salmon River	Estuary: Mainstem upper	Mid Coast
OR_EB_1710020408_01_107217	Salmon River	Estuary: Mainstem upper	Mid Coast
OR_EB_1710020408_01_107217	Salmon River	Estuary: Mainstem upper	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710020504_01_100292	Alesea River	Estuary: Mainstem lower	Mid Coast
OR_EB_1710020504_01_100292	Alesea River	Estuary: Mainstem lower	Mid Coast
OR_EB_1710020504_01_107196	Alesea River	Estuary: Mainstem upper	Mid Coast
OR_EB_1710020504_01_107197	Alesea River	Estuary: Drift Creek Arm	Mid Coast
OR_EB_1710020507_01_100309	Tenmile Creek	Estuary: Mainstem (Stonefield Beach State Wayside)	Mid Coast
OR_EB_1710020607_01_100290	Siuslaw River	Estuary: Mainstem lower	Mid Coast
OR_EB_1710020607_01_100290	Siuslaw River	Estuary: Mainstem lower	Mid Coast
OR_EB_1710020607_01_100290	Siuslaw River	Estuary: Mainstem lower	Mid Coast
OR_EB_1710020607_01_100290	Siuslaw River	Estuary: Mainstem lower	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710020607_01_107221	Siuslaw River	Estuary: North Fork Siuslaw River Arm	Mid Coast
OR_EB_1710020607_01_107221	Siuslaw River	Estuary: North Fork Siuslaw River Arm	Mid Coast
OR_EB_1710020607_01_107221	Siuslaw River	Estuary: North Fork Siuslaw River Arm	Mid Coast
OR_EB_1710020607_01_107223	Siuslaw River	Estuary: Mainstem upper	Mid Coast
OR_EB_1710020607_01_107223	Siuslaw River	Estuary: Mainstem upper	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710020607_01_107223	Siuslaw River	Estuary: Mainstem upper	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710030308_01_100287	Umpqua River	Estuary: Mainstem lower	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710030308_01_100287	Umpqua River	Estuary: Mainstem lower	Umpqua
OR_EB_1710030308_01_107226	Umpqua River	Estuary: Scholfield Creek Arm	Umpqua
OR_EB_1710030308_01_107226	Umpqua River	Estuary: Scholfield Creek Arm	Umpqua
OR_EB_1710030308_01_107227	Umpqua River	Estuary: Smith River Arm	Umpqua
OR_EB_1710030308_01_107229	Umpqua River	Estuary: Mainstem upper	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710030403_01_100285	Coos Bay	Estuary: Mainstem	South Coast
OR_EB_1710030403_01_100285	Coos Bay	Estuary: Mainstem	South Coast
OR_EB_1710030403_01_100285	Coos Bay	Estuary: Mainstem	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710030403_01_100285	Coos Bay	Estuary: Mainstem	South Coast
OR_EB_1710030403_01_100285	Coos Bay	Estuary: Mainstem	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710030403_01_107198	Coos Bay	Estuary: South Fork Coos River and Catching Slough	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710030403_01_107198	Coos Bay	Estuary: South Fork Coos River and Catching Slough	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710030403_01_107199	Coos Bay	Estuary: Isthmus Slough	South Coast
OR_EB_1710030403_01_107199	Coos Bay	Estuary: Isthmus Slough	South Coast
OR_EB_1710030403_01_107200	Coos Bay	Estuary: Davis Slough	South Coast
OR_EB_1710030403_01_107201	Coos Bay	Estuary: Coalbank Slough	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710030403_01_107202	Coos Bay	Estuary: Pony Creek Arm	South Coast
OR_EB_1710030403_01_107202	Coos Bay	Estuary: Pony Creek Arm	South Coast
OR_EB_1710030403_01_107202	Coos Bay	Estuary: Pony Creek Arm	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710030403_01_107203	Coos Bay	Estuary: Willanch Slough	South Coast
OR_EB_1710030403_01_107204	Coos Bay	Estuary: Kentuck Slough	South Coast
OR_EB_1710030403_01_107204	Coos Bay	Estuary: Kentuck Slough	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710030403_01_107204	Coos Bay	Estuary: Kentuck Slough	South Coast
OR_EB_1710030403_01_107206	Coos Bay	Estuary: North Slough	South Coast
OR_EB_1710030403_01_107206	Coos Bay	Estuary: North Slough	South Coast
OR_EB_1710030403_01_107207	Coos Bay	Estuary: Palouse Slough	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710030403_01_107208	Coos Bay	Estuary: Larson Slough	South Coast
OR_EB_1710030403_01_107208	Coos Bay	Estuary: Larson Slough	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710030403_01_107208	Coos Bay	Estuary: Larson Slough	South Coast
OR_EB_1710030404_01_100286	Tenmile Creek	Estuary: Mainstem (Near Lakeside)	South Coast
OR_EB_1710030404_01_100286	Tenmile Creek	Estuary: Mainstem (Near Lakeside)	South Coast
OR_EB_1710030404_01_100286	Tenmile Creek	Estuary: Mainstem (Near Lakeside)	South Coast
OR_EB_1710030505_01_100284	Coquille River	Estuary: Mainstem lower	South Coast
OR_EB_1710030505_01_100284	Coquille River	Estuary: Mainstem lower	South Coast
OR_EB_1710030505_01_107209	Coquille River	Estuary: Mainstem upper	South Coast
OR_EB_1710030505_01_107209	Coquille River	Estuary: Mainstem upper	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710030505_01_107209	Coquille River	Estuary: Mainstem upper	South Coast
OR_EB_1710030505_01_107209	Coquille River	Estuary: Mainstem upper	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710030505_01_107209	Coquille River	Estuary: Mainstem upper	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710030601_01_100283	New River	Estuary: Mainstem	South Coast
OR_EB_1710030601_01_100304	New Lake	Estuary: Mainstem	South Coast
OR_EB_1710031008_01_100280	Rogue River	Estuary: Mainstem	Rogue
OR_EB_1710031008_01_100280	Rogue River	Estuary: Mainstem	Rogue
OR_EB_1710031201_01_100278	Chetco River	Estuary: Mainstem	South Coast
OR_EB_1710031202_01_100301	Winchuck River	Estuary: Mainstem	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_EB_1710031205_01_100302	Hunter Creek	Estuary: Mainstem	South Coast
OR_LK_1701030502_02_107194	Sru Lake	Lake/Reservoir Unit	South Coast
OR_LK_1701030502_02_107194	Sru Lake	Lake/Reservoir Unit	Umpqua
OR_LK_1705010805_05_100516	Antelope Reservoir	Lake/Reservoir Unit	Owyhee
OR_LK_1705010808_05_100522	Jordan Creek	Lake/Reservoir Unit	Owyhee
OR_LK_1705011006_05_100541	Lake Owyhee	Lake/Reservoir Unit	Owyhee

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1705011006_05_100541	Lake Owyhee	Lake/Reservoir Unit	Owyhee
OR_LK_1705011006_05_100541	Lake Owyhee	Lake/Reservoir Unit	Owyhee
OR_LK_1705011006_05_100541	Lake Owyhee	Lake/Reservoir Unit	Owyhee
OR_LK_1705011006_05_100541	Lake Owyhee	Lake/Reservoir Unit	Owyhee
OR_LK_1705011603_05_100545	Van Derveer Reservoir	Lake/Reservoir Unit	Malheur
OR_LK_1705011604_05_100547	Stinkingwater Creek	Lake/Reservoir Unit	Malheur
OR_LK_1705011607_05_100553	Warm Springs Reservoir	Lake/Reservoir Unit	Malheur

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1705011607_05_100553	Warm Springs Reservoir	Lake/Reservoir Unit	Malheur
OR_LK_1705011607_05_100553	Warm Springs Reservoir	Lake/Reservoir Unit	Malheur
OR_LK_1705011613_05_100568	Beulah Reservoir	Lake/Reservoir Unit	Malheur
OR_LK_1705011613_05_100568	Beulah Reservoir	Lake/Reservoir Unit	Malheur
OR_LK_1705011613_05_100568	Beulah Reservoir	Lake/Reservoir Unit	Malheur
OR_LK_1705011803_05_100573	Bully Creek Reservoir	Lake/Reservoir Unit	Malheur
OR_LK_1705011803_05_100573	Bully Creek Reservoir	Lake/Reservoir Unit	Malheur

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1705011803_05_100573	Bully Creek Reservoir	Lake/Reservoir Unit	Malheur
OR_LK_1705011902_05_100574	Malheur Reservoir	Lake/Reservoir Unit	Malheur
OR_LK_1705020103_05_100575	Brownlee Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020103_05_100576	Brownlee Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020103_05_100577	Brownlee Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020103_05_100578	Brownlee Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020103_05_100579	Brownlee Reservoir	Lake/Reservoir Unit	Powder

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1705020103_05_10057E	Brownlee Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020103_05_10057E	Brownlee Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020103_05_10057E	Brownlee Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020103_05_10057E	Brownlee Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020103_05_10057E	Brownlee Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020107_05_10058E	Hells Canyon Reservoir	Lake/Reservoir Unit	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1705020107_05_100582	Hells Canyon Reservoir	Lake/Reservoir Unit	Grande Ronde
OR_LK_1705020107_05_100582	Hells Canyon Reservoir	Lake/Reservoir Unit	Grande Ronde
OR_LK_1705020107_05_100582	Hells Canyon Reservoir	Lake/Reservoir Unit	Grande Ronde
OR_LK_1705020107_05_100582	Hells Canyon Reservoir	Lake/Reservoir Unit	Grande Ronde
OR_LK_1705020107_05_100582	Hells Canyon Reservoir	Lake/Reservoir Unit	Grande Ronde
OR_LK_1705020107_05_100583	Oxbow Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020107_05_100583	Oxbow Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020107_05_100583	Oxbow Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020107_05_100583	Oxbow Reservoir	Lake/Reservoir Unit	Powder

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1705020107_05_100583	Oxbow Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020107_05_100583	Oxbow Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020107_05_100583	Oxbow Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020107_05_100583	Oxbow Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020201_05_100584	Unity Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020201_05_100584	Unity Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020203_05_100587	Higgins Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020203_05_100587	Higgins Reservoir	Lake/Reservoir Unit	Powder

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1705020301_05_10058E	Phillips Lake	Lake/Reservoir Unit	Powder
OR_LK_1705020301_05_10058E	Phillips Lake	Lake/Reservoir Unit	Powder
OR_LK_1705020306_05_100597	Thief Valley Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020306_05_100597	Thief Valley Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020311_05_10060E	Brownlee Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1705020311_05_10060E	Brownlee Reservoir	Lake/Reservoir Unit	Powder

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1705020311_05_10060E	Brownlee Reservoir	Lake/Reservoir Unit	Powder
OR_LK_1706010403_02_10060E	La Grande Reservoir	Lake/Reservoir Unit	Grande Ronde
OR_LK_1706010410_02_100617	Jubilee Lake	Lake/Reservoir Unit	Grande Ronde
OR_LK_1706010410_02_100617	Jubilee Lake	Lake/Reservoir Unit	Grande Ronde
OR_LK_1706010501_02_10061E	Wallowa Lake	Lake/Reservoir Unit	Grande Ronde
OR_LK_1706010501_02_10061E	Wallowa Lake	Lake/Reservoir Unit	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010102_88_100147	Columbia River	Lake Wallula (upstream from McNary, OR)	Columbia River
OR_LK_1707010102_88_100147	Columbia River	Lake Wallula (upstream from McNary, OR)	Columbia River
OR_LK_1707010102_88_100147	Columbia River	Lake Wallula (upstream from McNary, OR)	Columbia River
OR_LK_1707010102_88_100148	Columbia River	Lake Wallula (upstream from Switzler Canyon)	Umatilla

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010102_88_100148	Columbia River	Lake Wallula (upstream from Switzler Canyon)	Umatilla
OR_LK_1707010102_88_100149	Columbia River	Lake Wallula (upstream from Spaw Canyon)	Umatilla
OR_LK_1707010102_88_100149	Columbia River	Lake Wallula (upstream from Spaw Canyon)	Umatilla

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010102_88_10015C	Columbia River	Lake Wallula (upstream from McNary Dam)	Umatilla
OR_LK_1707010102_88_10015C	Columbia River	Lake Wallula (upstream from McNary Dam)	Columbia River
OR_LK_1707010102_88_10015C	Columbia River	Lake Wallula (upstream from McNary Dam)	Umatilla
OR_LK_1707010102_88_10015C	Columbia River	Lake Wallula (upstream from McNary Dam)	Umatilla

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010106_88_100132	Columbia River	Lake Umatilla (upstream from Lwr Four Mile Canyon)	Umatilla
OR_LK_1707010106_88_100132	Columbia River	Lake Umatilla (upstream from Lwr Four Mile Canyon)	Umatilla
OR_LK_1707010106_88_100132	Columbia River	Lake Umatilla (upstream from Lwr Four Mile Canyon)	Umatilla
OR_LK_1707010106_88_100132	Columbia River	Lake Umatilla (upstream from Lwr Four Mile Canyon)	Umatilla
OR_LK_1707010106_88_100132	Columbia River	Lake Umatilla (upstream from Lwr Four Mile Canyon)	Umatilla

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010106_88_100132	Columbia River	Lake Umatilla (upstream from Lwr Four Mile Canyon)	Umatilla
OR_LK_1707010106_88_100133	Columbia River	Lake Umatilla (upstream from East Paterson Ridge)	Columbia River
OR_LK_1707010106_88_100133	Columbia River	Lake Umatilla (upstream from East Paterson Ridge)	Columbia River
OR_LK_1707010106_88_100133	Columbia River	Lake Umatilla (upstream from East Paterson Ridge)	Columbia River
OR_LK_1707010106_88_100133	Columbia River	Lake Umatilla (upstream from East Paterson Ridge)	Columbia River
OR_LK_1707010106_88_100133	Columbia River	Lake Umatilla (upstream from East Paterson Ridge)	Columbia River

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010106_88_100146	Columbia River	Lake Umatilla (upstream from Glade Creek)	Columbia River
OR_LK_1707010106_88_100146	Columbia River	Lake Umatilla (upstream from Glade Creek)	Columbia River
OR_LK_1707010106_88_100146	Columbia River	Lake Umatilla (upstream from Glade Creek)	Columbia River
OR_LK_1707010106_88_100146	Columbia River	Lake Umatilla (upstream from Glade Creek)	Columbia River
OR_LK_1707010106_88_100146	Columbia River	Lake Umatilla (upstream from Glade Creek)	Columbia River

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010109_88_100144	Columbia River	Lake Umatilla (upstream from Sixmile Canyon)	Umatilla
OR_LK_1707010109_88_100144	Columbia River	Lake Umatilla (upstream from Sixmile Canyon)	Columbia River
OR_LK_1707010109_88_100144	Columbia River	Lake Umatilla (upstream from Sixmile Canyon)	Umatilla
OR_LK_1707010109_88_100144	Columbia River	Lake Umatilla (upstream from Sixmile Canyon)	Umatilla

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010109_88_100144	Columbia River	Lake Umatilla (upstream from Sixmile Canyon)	Umatilla
OR_LK_1707010109_88_100144	Columbia River	Lake Umatilla (upstream from Sixmile Canyon)	Umatilla
OR_LK_1707010109_88_100145	Columbia River	Lake Umatilla (upstream from Crow Butte)	Umatilla
OR_LK_1707010109_88_100145	Columbia River	Lake Umatilla (upstream from Crow Butte)	Umatilla
OR_LK_1707010109_88_100145	Columbia River	Lake Umatilla (upstream from Crow Butte)	Umatilla

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010109_88_100145	Columbia River	Lake Umatilla (upstream from Crow Butte)	Umatilla
OR_LK_1707010109_88_100145	Columbia River	Lake Umatilla (upstream from Crow Butte)	Umatilla
OR_LK_1707010114_88_100131	Columbia River	Lake Umatilla (upstream from Sand Spring Canyon)	Columbia River
OR_LK_1707010114_88_100131	Columbia River	Lake Umatilla (upstream from Sand Spring Canyon)	Columbia River
OR_LK_1707010114_88_100131	Columbia River	Lake Umatilla (upstream from Sand Spring Canyon)	Columbia River

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010114_88_100131	Columbia River	Lake Umatilla (upstream from Sand Spring Canyon)	Columbia River
OR_LK_1707010114_88_100131	Columbia River	Lake Umatilla (upstream from Sand Spring Canyon)	Columbia River
OR_LK_1707010114_88_10014C	Columbia River	Lake Umatilla (upstream from John Day Dam)	John Day
OR_LK_1707010114_88_10014C	Columbia River	Lake Umatilla (upstream from John Day Dam)	Columbia River
OR_LK_1707010114_88_10014C	Columbia River	Lake Umatilla (upstream from John Day Dam)	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010114_88_10014C	Columbia River	Lake Umatilla (upstream from John Day Dam)	John Day
OR_LK_1707010114_88_10014C	Columbia River	Lake Umatilla (upstream from John Day Dam)	John Day
OR_LK_1707010114_88_10014C	Columbia River	Lake Umatilla (upstream from John Day Dam)	John Day
OR_LK_1707010114_88_100141	Columbia River	Lake Umatilla (upstream from Blalock Canyon)	John Day
OR_LK_1707010114_88_100141	Columbia River	Lake Umatilla (upstream from Blalock Canyon)	Columbia River

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010114_88_100141	Columbia River	Lake Umatilla (upstream from Blalock Canyon)	John Day
OR_LK_1707010114_88_100141	Columbia River	Lake Umatilla (upstream from Blalock Canyon)	John Day
OR_LK_1707010114_88_100141	Columbia River	Lake Umatilla (upstream from Blalock Canyon)	John Day
OR_LK_1707010114_88_100141	Columbia River	Lake Umatilla (upstream from Blalock Canyon)	John Day
OR_LK_1707010114_88_100142	Columbia River	Lake Umatilla (upstream from China Creek)	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010114_88_100142	Columbia River	Lake Umatilla (upstream from China Creek)	Columbia River
OR_LK_1707010114_88_100142	Columbia River	Lake Umatilla (upstream from China Creek)	John Day
OR_LK_1707010114_88_100142	Columbia River	Lake Umatilla (upstream from China Creek)	John Day
OR_LK_1707010114_88_100142	Columbia River	Lake Umatilla (upstream from China Creek)	John Day
OR_LK_1707010114_88_100142	Columbia River	Lake Umatilla (upstream from China Creek)	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010114_88_100143	Columbia River	Lake Umatilla (upstream from Pine Creek)	Umatilla
OR_LK_1707010114_88_100143	Columbia River	Lake Umatilla (upstream from Pine Creek)	Umatilla
OR_LK_1707010114_88_100143	Columbia River	Lake Umatilla (upstream from Pine Creek)	Umatilla
OR_LK_1707010114_88_100143	Columbia River	Lake Umatilla (upstream from Pine Creek)	Umatilla
OR_LK_1707010114_88_100143	Columbia River	Lake Umatilla (upstream from Pine Creek)	Umatilla

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010304_02_100009	McKay Reservoir	Lake/Reservoir Unit	Umatilla
OR_LK_1707010304_02_100009	McKay Reservoir	Lake/Reservoir Unit	Umatilla
OR_LK_1707010312_02_100011	Cold Springs Reservoir	Lake/Reservoir Unit	Umatilla
OR_LK_1707010401_02_100012	Willow Creek Reservoir	Lake/Reservoir Unit	Umatilla
OR_LK_1707010401_02_100012	Willow Creek Reservoir	Lake/Reservoir Unit	Umatilla
OR_LK_1707010401_02_100012	Willow Creek Reservoir	Lake/Reservoir Unit	Umatilla

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010504_88_100137	Columbia River	Lake Bonneville (upstream from Rowena Creek)	Columbia River
OR_LK_1707010504_88_100137	Columbia River	Lake Bonneville (upstream from Rowena Creek)	Columbia River
OR_LK_1707010504_88_100137	Columbia River	Lake Bonneville (upstream from Rowena Creek)	Columbia River
OR_LK_1707010504_88_100137	Columbia River	Lake Bonneville (upstream from Rowena Creek)	Columbia River
OR_LK_1707010504_88_100137	Columbia River	Lake Bonneville (upstream from Rowena Creek)	Columbia River
OR_LK_1707010504_88_100137	Columbia River	Lake Bonneville (upstream from Rowena Creek)	Columbia River

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010504_88_100137	Columbia River	Lake Bonneville (upstream from Rowena Creek)	Columbia River
OR_LK_1707010504_88_100138	Columbia River	Lake Celilo (upstream from The Dalles Dam)	Columbia River
OR_LK_1707010504_88_100139	Columbia River	Lake Celilo (upstream from The Dalles Dam)	Columbia River
OR_LK_1707010504_88_100140	Columbia River	Lake Celilo (upstream from The Dalles Dam)	Columbia River
OR_LK_1707010504_88_100141	Columbia River	Lake Celilo (upstream from The Dalles Dam)	Columbia River
OR_LK_1707010504_88_100142	Columbia River	Lake Celilo (upstream from The Dalles Dam)	Columbia River

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010504_88_10013E	Columbia River	Lake Celilo (upstream from The Dalles Dam)	Columbia River
OR_LK_1707010504_88_10013E	Columbia River	Lake Celilo (upstream from Wishram, WA)	Deschutes
OR_LK_1707010504_88_10013E	Columbia River	Lake Celilo (upstream from Wishram, WA)	Columbia River
OR_LK_1707010504_88_10013E	Columbia River	Lake Celilo (upstream from Wishram, WA)	Deschutes
OR_LK_1707010504_88_10013E	Columbia River	Lake Celilo (upstream from Wishram, WA)	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010504_88_100135	Columbia River	Lake Celilo (upstream from Wishram, WA)	Deschutes
OR_LK_1707010504_88_100135	Columbia River	Lake Celilo (upstream from Wishram, WA)	Deschutes
OR_LK_1707010505_02_100017	Laurance Lake	Lake/Reservoir Unit	Hood
OR_LK_1707010511_88_100135	Columbia River	Lake Bonneville (upstream from Wind River)	Columbia River
OR_LK_1707010511_88_100135	Columbia River	Lake Bonneville (upstream from Wind River)	Columbia River
OR_LK_1707010511_88_100135	Columbia River	Lake Bonneville (upstream from Wind River)	Columbia River

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010511_88_100135	Columbia River	Lake Bonneville (upstream from Wind River)	Columbia River
OR_LK_1707010511_88_100135	Columbia River	Lake Bonneville (upstream from Wind River)	Columbia River
OR_LK_1707010511_88_100135	Columbia River	Lake Bonneville (upstream from Wind River)	Columbia River
OR_LK_1707010511_88_100136	Columbia River	Lake Bonneville (upstream from White Salmon River)	Columbia River
OR_LK_1707010511_88_100136	Columbia River	Lake Bonneville (upstream from White Salmon River)	Columbia River

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010511_88_100136	Columbia River	Lake Bonneville (upstream from White Salmon River)	Columbia River
OR_LK_1707010511_88_100136	Columbia River	Lake Bonneville (upstream from White Salmon River)	Columbia River
OR_LK_1707010511_88_100136	Columbia River	Lake Bonneville (upstream from White Salmon River)	Columbia River
OR_LK_1707010512_88_100134	Columbia River	Lake Bonneville (upstream from Bonneville Dam)	Hood
OR_LK_1707010512_88_100134	Columbia River	Lake Bonneville (upstream from Bonneville Dam)	Columbia River

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707010512_88_100134	Columbia River	Lake Bonneville (upstream from Bonneville Dam)	Hood
OR_LK_1707010512_88_100134	Columbia River	Lake Bonneville (upstream from Bonneville Dam)	Hood
OR_LK_1707010512_88_100134	Columbia River	Lake Bonneville (upstream from Bonneville Dam)	Hood
OR_LK_1707010512_88_100134	Columbia River	Lake Bonneville (upstream from Bonneville Dam)	Hood
OR_LK_1707020107_05_100025	Canyon Meadows Lake	Lake/Reservoir Unit	John Day
OR_LK_1707020207_05_100032	Lake Penland	Lake/Reservoir Unit	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707020207_05_100032	Lake Penland	Lake/Reservoir Unit	John Day
OR_LK_1707020208_05_100033	Bull Prairie Lake	Lake/Reservoir Unit	John Day
OR_LK_1707020208_05_100033	Bull Prairie Lake	Lake/Reservoir Unit	John Day
OR_LK_1707030101_05_100043	Sparks Lake	Lake/Reservoir Unit	Deschutes
OR_LK_1707030101_05_100050	Crane Prairie Reservoir	Lake/Reservoir Unit	Deschutes
OR_LK_1707030102_05_100062	Wickiup Reservoir	Lake/Reservoir Unit	Deschutes
OR_LK_1707030102_05_100062	Wickiup Reservoir	Lake/Reservoir Unit	Deschutes
OR_LK_1707030102_05_100063	Odell Lake	Lake/Reservoir Unit	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707030102_05_100063	Odell Lake	Lake/Reservoir Unit	Deschutes
OR_LK_1707030102_05_100063	Odell Lake	Lake/Reservoir Unit	Deschutes
OR_LK_1707030102_05_100063	Odell Lake	Lake/Reservoir Unit	Deschutes
OR_LK_1707030102_05_100063	Odell Lake	Lake/Reservoir Unit	Deschutes
OR_LK_1707030102_05_100063	Odell Lake	Lake/Reservoir Unit	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707030110_02_100151	Lake Billy Chinook	Lake/Reservoir Unit	Deschutes
OR_LK_1707030110_02_100151	Lake Billy Chinook	Lake/Reservoir Unit	Deschutes
OR_LK_1707030110_02_100151	Lake Billy Chinook	Lake/Reservoir Unit	Deschutes
OR_LK_1707030110_05_100081	Lake Billy Chinook	Lake/Reservoir Unit	Deschutes
OR_LK_1707030110_05_100081	Lake Billy Chinook	Lake/Reservoir Unit	Deschutes
OR_LK_1707030207_05_100087	Paulina Lake	Lake/Reservoir Unit	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707030207_05_100087	Paulina Lake	Lake/Reservoir Unit	Deschutes
OR_LK_1707030207_05_100088	East Lake	Lake/Reservoir Unit	Deschutes
OR_LK_1707030403_05_100103	Allen Creek Reservoir	Lake/Reservoir Unit	Deschutes
OR_LK_1707030403_05_100103	Allen Creek Reservoir	Lake/Reservoir Unit	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707030406_05_100104	Horse Heaven Reservoir	Lake/Reservoir Unit	Deschutes
OR_LK_1707030408_02_100106	Prineville Reservoir	Lake/Reservoir Unit	Deschutes
OR_LK_1707030408_02_100106	Prineville Reservoir	Lake/Reservoir Unit	Deschutes
OR_LK_1707030408_02_100106	Prineville Reservoir	Lake/Reservoir Unit	Deschutes
OR_LK_1707030408_02_100106	Prineville Reservoir	Lake/Reservoir Unit	Deschutes
OR_LK_1707030504_05_100109	Ochoco Reservoir	Lake/Reservoir Unit	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707030504_05_100109	Ochoco Reservoir	Lake/Reservoir Unit	Deschutes
OR_LK_1707030511_02_100117	Lake Billy Chinook	Lake/Reservoir Unit	Deschutes
OR_LK_1707030511_02_100117	Lake Billy Chinook	Lake/Reservoir Unit	Deschutes
OR_LK_1707030511_02_100117	Lake Billy Chinook	Lake/Reservoir Unit	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1707030601_02_10011E	Lake Simtustus	Lake/Reservoir Unit	Deschutes
OR_LK_1707030601_02_10011E	Lake Simtustus	Lake/Reservoir Unit	Deschutes
OR_LK_1707030601_02_10011E	Lake Simtustus	Lake/Reservoir Unit	Deschutes
OR_LK_1707030602_05_10011E	Haystack Reservoir	Lake/Reservoir Unit	Deschutes
OR_LK_1708000108_15_10063E	Benson Lake	Lake/Reservoir Unit	Sandy

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1708000602_05_10065E OR_LK_1708000602_05_10065E	Cullaby Lake Smith Lake	Lake/Reservoir Unit Lake/Reservoir Unit	North Coast North Coast
OR_LK_1708000605_04_10032C	Columbia River	Estuary: Mainstem upper	North Coast
OR_LK_1708000605_04_10032C	Columbia River	Estuary: Mainstem upper	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1708000605_04_100320	Columbia River	Estuary: Mainstem upper	North Coast
OR_LK_1708000605_04_100320	Columbia River	Estuary: Mainstem upper	North Coast
OR_LK_1708000605_04_100320	Columbia River	Estuary: Mainstem upper	Columbia River
OR_LK_1708000605_04_100320	Columbia River	Estuary: Mainstem upper	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1708000605_04_100320	Columbia River	Estuary: Mainstem upper	North Coast
OR_LK_1708000605_04_100320	Columbia River	Estuary: Mainstem upper	North Coast
OR_LK_1708000605_04_100323	Columbia River	Estuary: Mainstem lower	North Coast
OR_LK_1708000605_04_100323	Columbia River	Estuary: Mainstem lower	North Coast
OR_LK_1708000605_04_100323	Columbia River	Estuary: Mainstem lower	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1708000605_04_100323	Columbia River	Estuary: Mainstem lower	North Coast
OR_LK_1708000605_04_100323	Columbia River	Estuary: Mainstem lower	North Coast
OR_LK_1708000605_04_100323	Columbia River	Estuary: Mainstem lower	Columbia River
OR_LK_1708000605_04_100323	Columbia River	Estuary: Mainstem lower	North Coast
OR_LK_1708000605_04_100323	Columbia River	Estuary: Mainstem lower	North Coast
OR_LK_1708000605_04_100323	Columbia River	Estuary: Mainstem lower	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1708000605_04_107234	Columbia River	Estuary: Mainstem mouth	Columbia River
OR_LK_1708000605_04_107234	Columbia River	Estuary: Mainstem mouth	Columbia River
OR_LK_1708000605_04_107234	Columbia River	Estuary: Mainstem mouth	Columbia River

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1708000605_04_107234	Columbia River	Estuary: Mainstem mouth	Columbia River
OR_LK_1708000605_04_107234	Columbia River	Estuary: Mainstem mouth	Columbia River
OR_LK_1708000605_04_107234	Columbia River	Estuary: Mainstem mouth	Columbia River
OR_LK_1708000605_04_107234	Columbia River	Estuary: Mainstem mouth	Columbia River
OR_LK_1709000105_02_100684	Packard Creek	Lake/Reservoir Unit	Willamette
OR_LK_1709000105_02_100685	Hills Creek Lake	Lake/Reservoir Unit	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1709000107_02_100696	Dexter Reservoir	Lake/Reservoir Unit	Willamette
OR_LK_1709000107_02_100700	Lookout Point Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709000109_02_100701	Fall Creek Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709000202_02_100705	Dorena Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709000202_02_100705	Dorena Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709000202_02_100705	Dorena Lake	Lake/Reservoir Unit	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1709000203_02_100706	Cottage Grove Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709000203_02_100706	Cottage Grove Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709000301_02_100708	Fern Ridge Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709000301_02_100708	Fern Ridge Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709000306_02_100718	Second Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709000306_02_107234	First Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709000404_02_100758	Blue River Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709000407_02_100760	Walterville Reservoir	Lake/Reservoir Unit	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1709000502_02_100767	Marion Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709000503_02_100768	Detroit Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709000601_02_107235	Daly Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709000603_02_100771	Green Peter Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709000604_02_100772	Foster Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709000604_02_100772	Foster Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709000701_02_100773	Aaron Mercer Reservoir	Lake/Reservoir Unit	Willamette
OR_LK_1709000701_02_100773	Aaron Mercer Reservoir	Lake/Reservoir Unit	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1709000703_02_100792	Willamette Slough	Lake/Reservoir Unit	Willamette
OR_LK_1709000703_02_100792	Willamette Slough	Lake/Reservoir Unit	Willamette
OR_LK_1709000703_02_100795	Mission Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709000901_02_100826	Silver Creek Reservoir	Lake/Reservoir Unit	Willamette
OR_LK_1709000902_02_100830	Zollner Creek	Lake/Reservoir Unit	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1709000902_02_10083C	Zollner Creek	Lake/Reservoir Unit	Willamette
OR_LK_1709000902_02_10083C	Zollner Creek	Lake/Reservoir Unit	Willamette
OR_LK_1709000906_02_100834	Molalla River Oxbow	Lake/Reservoir Unit	Willamette
OR_LK_1709001002_02_10084C	Henry Hagg Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709001104_02_100847	North Fork Reservoir	Lake/Reservoir Unit	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1709001201_02_100853	Lake Oswego	Lake/Reservoir Unit	Willamette
OR_LK_1709001201_02_100853	Lake Oswego	Lake/Reservoir Unit	Willamette
OR_LK_1709001201_02_100853	Lake Oswego	Lake/Reservoir Unit	Willamette
OR_LK_1709001202_02_100854	Blue Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709001202_02_100854	Blue Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709001202_02_100854	Blue Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709001202_02_100855	Bybee Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709001202_02_100855	Bybee Lake	Lake/Reservoir Unit	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1709001202_02_10085E	Bybee Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709001202_02_10085E	Bybee Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709001202_02_10085E	Smith Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709001202_02_10085E	Smith Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709001202_02_10085E	Smith Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709001202_02_10085E	Smith Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709001202_02_10085E	Fairview Lake	Lake/Reservoir Unit	Willamette
OR_LK_1709001202_02_10085E	Fairview Lake	Lake/Reservoir Unit	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1709001202_02_107245	Laurelhurst Pond	Lake/Reservoir Unit	Willamette
OR_LK_1709001203_02_100869	Scappoose Bay	Lake/Reservoir Unit	Willamette
OR_LK_1710020101_05_100153	Sunset Lake	Lake/Reservoir Unit	North Coast
OR_LK_1710020101_05_100153	Sunset Lake	Lake/Reservoir Unit	North Coast
OR_LK_1710020302_05_100157	McGuire Reservoir	Lake/Reservoir Unit	North Coast
OR_LK_1710020302_05_100157	McGuire Reservoir	Lake/Reservoir Unit	North Coast
OR_LK_1710020302_05_100157	McGuire Reservoir	Lake/Reservoir Unit	North Coast
OR_LK_1710020303_05_100158	Skookum Lake	Lake/Reservoir Unit	North Coast
OR_LK_1710020303_05_100158	Skookum Lake	Lake/Reservoir Unit	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1710020309_01_100316	Lake Lytle	Lake/Reservoir Unit	North Coast
OR_LK_1710020409_02_100164	Devils Lake	Lake/Reservoir Unit	Mid Coast
OR_LK_1710020409_02_100164	Devils Lake	Lake/Reservoir Unit	Mid Coast
OR_LK_1710020409_02_100164	Devils Lake	Lake/Reservoir Unit	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1710020409_02_100164	Devils Lake	Lake/Reservoir Unit	Mid Coast
OR_LK_1710020409_02_100164	Devils Lake	Lake/Reservoir Unit	Mid Coast
OR_LK_1710020504_01_100165	Eckman Lake	Lake/Reservoir Unit	Mid Coast
OR_LK_1710020507_02_100167	Mercer Lake	Lake/Reservoir Unit	Mid Coast
OR_LK_1710020507_02_100167	Mercer Lake	Lake/Reservoir Unit	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1710020606_02_100168	Triangle Lake	Lake/Reservoir Unit	Mid Coast
OR_LK_1710020606_02_100169	Hult Log Storage Reservoir	Lake/Reservoir Unit	Mid Coast
OR_LK_1710020608_02_100171	Collard Lake	Lake/Reservoir Unit	Mid Coast
OR_LK_1710020608_02_100172	Clear Lake	Lake/Reservoir Unit	Mid Coast
OR_LK_1710020701_02_100176	Siltcoos Lake	Lake/Reservoir Unit	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1710020701_02_100177	Tahkenitch Lake	Lake/Reservoir Unit	Mid Coast
OR_LK_1710020701_02_100177	Tahkenitch Lake	Lake/Reservoir Unit	Mid Coast
OR_LK_1710030101_02_100181	Diamond Lake	Lake/Reservoir Unit	Umpqua
OR_LK_1710030101_02_100181	Diamond Lake	Lake/Reservoir Unit	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1710030101_02_100181	Diamond Lake	Lake/Reservoir Unit	Umpqua
OR_LK_1710030102_02_100182	Lemolo Lake	Lake/Reservoir Unit	Umpqua
OR_LK_1710030111_02_100183	Cooper Creek Reservoir	Lake/Reservoir Unit	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1710030111_02_100188	Cooper Creek Reservoir	Lake/Reservoir Unit	Umpqua
OR_LK_1710030111_02_100188	Cooper Creek Reservoir	Lake/Reservoir Unit	Umpqua
OR_LK_1710030201_02_100194	Fish Lake	Lake/Reservoir Unit	Umpqua
OR_LK_1710030206_02_100195	Galesville Reservoir	Lake/Reservoir Unit	Umpqua
OR_LK_1710030403_02_100205	Beale Lake	Lake/Reservoir Unit	South Coast
OR_LK_1710030403_02_100207	Lake Merritt	Lake/Reservoir Unit	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1710030403_02_100207	Lake Merritt	Lake/Reservoir Unit	South Coast
OR_LK_1710030403_02_100208	Pony Creek	Lake/Reservoir Unit	South Coast
OR_LK_1710030403_02_100209	Pony Creek	Lake/Reservoir Unit	South Coast
OR_LK_1710030403_02_100210	Upper Pony Creek Reservoir	Lake/Reservoir Unit	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1710030404_02_100221	Eel Lake	Lake/Reservoir Unit	South Coast
OR_LK_1710030404_02_100222	North Tenmile Lake	Lake/Reservoir Unit	South Coast
OR_LK_1710030404_02_100222	North Tenmile Lake	Lake/Reservoir Unit	South Coast
OR_LK_1710030404_02_100222	North Tenmile Lake	Lake/Reservoir Unit	South Coast
OR_LK_1710030404_02_100222	North Tenmile Lake	Lake/Reservoir Unit	South Coast
OR_LK_1710030404_02_100222	North Tenmile Lake	Lake/Reservoir Unit	South Coast
OR_LK_1710030404_02_100224	Tenmile Lake	Lake/Reservoir Unit	South Coast
OR_LK_1710030404_02_100224	Tenmile Lake	Lake/Reservoir Unit	South Coast
OR_LK_1710030404_02_100224	Tenmile Lake	Lake/Reservoir Unit	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1710030404_02_100224	Tenmile Lake	Lake/Reservoir Unit	South Coast
OR_LK_1710030501_02_100225	Kinnan Reservoir	Lake/Reservoir Unit	South Coast
OR_LK_1710030601_02_100231	Floras Lake	Lake/Reservoir Unit	South Coast
OR_LK_1710030601_02_100231	Floras Lake	Lake/Reservoir Unit	South Coast
OR_LK_1710030601_02_100231	Floras Lake	Lake/Reservoir Unit	South Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1710030601_02_100234	Croft Lake	Lake/Reservoir Unit	South Coast
OR_LK_1710030604_02_100235	Garrison Lake	Lake/Reservoir Unit	South Coast
OR_LK_1710030604_02_100235	Garrison Lake	Lake/Reservoir Unit	South Coast
OR_LK_1710030604_02_100235	Garrison Lake	Lake/Reservoir Unit	South Coast
OR_LK_1710030703_02_100244	Lost Creek Lake	Lake/Reservoir Unit	Rogue
OR_LK_1710030704_02_100245	Willow Lake	Lake/Reservoir Unit	Rogue
OR_LK_1710030708_02_100250	Agate Reservoir	Lake/Reservoir Unit	Rogue
OR_LK_1710030708_02_100250	Agate Reservoir	Lake/Reservoir Unit	Rogue

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1710030708_02_100251	Fish Lake	Lake/Reservoir Unit	Rogue
OR_LK_1710030708_02_100251	Fish Lake	Lake/Reservoir Unit	Rogue
OR_LK_1710030708_02_100251	Fish Lake	Lake/Reservoir Unit	Rogue
OR_LK_1710030801_02_100256	Reeder Reservoir	Lake/Reservoir Unit	Rogue
OR_LK_1710030801_02_100256	Reeder Reservoir	Lake/Reservoir Unit	Rogue

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1710030801_02_100257	Emigrant Lake	Lake/Reservoir Unit	Rogue
OR_LK_1710030801_02_100257	Emigrant Lake	Lake/Reservoir Unit	Rogue
OR_LK_1710030901_02_100274	Applegate Lake	Lake/Reservoir Unit	Rogue
OR_LK_1710030901_02_100274	Applegate Lake	Lake/Reservoir Unit	Rogue
OR_LK_1710031105_02_100277	Lake Selmac	Lake/Reservoir Unit	Rogue
OR_LK_1712000302_09_100936	Krumbo Reservoir	Lake/Reservoir Unit	Malheur Lake

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1712000411_09_100965	Moon Reservoir	Lake/Reservoir Unit	Malheur Lake
OR_LK_1712000502_05_100978	Silver Creek Reservoir	Lake/Reservoir Unit	Goose & Summer Lakes
OR_LK_1712000502_05_100979	Thompson Reservoir	Lake/Reservoir Unit	Goose & Summer Lakes
OR_LK_1712000705_05_101146	Deep Creek	Lake/Reservoir Unit	Goose & Summer Lakes
OR_LK_1712000705_05_101147	Greaser Reservoir	Lake/Reservoir Unit	Goose & Summer Lakes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1712000705_05_101152	Crump Lake	Lake/Reservoir Unit	Goose & Summer Lakes
OR_LK_1712000907_09_101324	Mann Lake	Lake/Reservoir Unit	Malheur Lake
OR_LK_1801020106_05_100338	Hog Creek	Lake/Reservoir Unit	Klamath
OR_LK_1801020203_05_100344	Holbrook Reservoir	Lake/Reservoir Unit	Klamath
OR_LK_1801020303_05_100374	Agency Lake	Lake/Reservoir Unit	Klamath
OR_LK_1801020303_05_100374	Agency Lake	Lake/Reservoir Unit	Klamath
OR_LK_1801020303_05_100374	Agency Lake	Lake/Reservoir Unit	Klamath
OR_LK_1801020303_05_100374	Agency Lake	Lake/Reservoir Unit	Klamath
OR_LK_1801020303_05_100375	Upper Klamath Lake	Lake/Reservoir Unit	Klamath

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1801020303_05_100375	Upper Klamath Lake	Lake/Reservoir Unit	Klamath
OR_LK_1801020303_05_100375	Upper Klamath Lake	Lake/Reservoir Unit	Klamath
OR_LK_1801020303_05_100375	Upper Klamath Lake	Lake/Reservoir Unit	Klamath
OR_LK_1801020303_05_100375	Upper Klamath Lake	Lake/Reservoir Unit	Klamath
OR_LK_1801020303_05_100375	Upper Klamath Lake	Lake/Reservoir Unit	Klamath

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1801020404_05_100400	Willow Valley Reservoir	Lake/Reservoir Unit	Klamath
OR_LK_1801020404_05_100403	Malone Pool	Lake/Reservoir Unit	Klamath
OR_LK_1801020404_05_100403	Malone Pool	Lake/Reservoir Unit	Klamath

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1801020404_05_100403	Malone Pool	Lake/Reservoir Unit	Klamath
OR_LK_1801020404_05_100403	Malone Pool	Lake/Reservoir Unit	Klamath
OR_LK_1801020405_05_100423	Gerber Reservoir	Lake/Reservoir Unit	Klamath
OR_LK_1801020405_05_100423	Gerber Reservoir	Lake/Reservoir Unit	Klamath
OR_LK_1801020409_05_100452	Lost River Pool	Lake/Reservoir Unit	Klamath

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1801020409_05_100452	Lost River Pool	Lake/Reservoir Unit	Klamath
OR_LK_1801020409_05_100452	Lost River Pool	Lake/Reservoir Unit	Klamath
OR_LK_1801020409_05_100452	Lost River Pool	Lake/Reservoir Unit	Klamath

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1801020409_05_100452	Lost River Pool	Lake/Reservoir Unit	Klamath
OR_LK_1801020409_05_100452	Lost River Pool	Lake/Reservoir Unit	Klamath
OR_LK_1801020412_88_100474	Lake Ewauna	Lake/Reservoir Unit	Klamath
OR_LK_1801020412_88_100474	Lake Ewauna	Lake/Reservoir Unit	Klamath
OR_LK_1801020412_88_100474	Lake Ewauna	Lake/Reservoir Unit	Klamath
OR_LK_1801020412_88_100474	Lake Ewauna	Lake/Reservoir Unit	Klamath

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_LK_1801020412_88_100474	Lake Ewauna	Lake/Reservoir Unit	Klamath
OR_LK_1801020602_05_100486	John C Boyle Reservoir	Lake/Reservoir Unit	Klamath
OR_LK_1801020604_05_100490	Howard Prairie Lake	Lake/Reservoir Unit	Klamath
OR_LK_1801020604_05_100491	Hyatt Reservoir	Lake/Reservoir Unit	Klamath
OR_SR_1604020102_05_102639	McDermitt Creek	Cherokee Creek to Nevada	Owyhee

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1604020102_05_102640	McDermitt Creek	Headwaters WA Unit to Cherokee Creek	Owyhee
OR_SR_1604020102_05_102641	Cherokee Creek	Headwaters WA Unit to confluence with McDermitt Creek	Owyhee
OR_SR_1705010311_02_102702	Snake River	Idaho to Boise River	Owyhee
OR_SR_1705010311_02_102702	Snake River	Idaho to Boise River	Owyhee
OR_SR_1705010311_02_102702	Snake River	Idaho to Boise River	Owyhee
OR_SR_1705010311_02_102702	Snake River	Idaho to Boise River	Owyhee
OR_SR_1705010311_02_102702	Snake River	Idaho to Boise River	Owyhee

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705010311_02_102702	Snake River	Idaho to Boise River	Owyhee
OR_SR_1705010311_02_102702	Snake River	Idaho to Boise River	Owyhee
OR_SR_1705010311_02_102702	Snake River	Idaho to Boise River	Owyhee
OR_SR_1705010311_02_102702	Snake River	Idaho to Boise River	Owyhee
OR_SR_1705010311_02_103231	Snake River	Boise River to Malheur River	Malheur
OR_SR_1705010311_02_103231	Snake River	Boise River to Malheur River	Malheur

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705010704_05_102710	North Fork Owyhee River	Middle Fork Owyhee River to confluence with Owyhee River	Owyhee
OR_SR_1705010704_05_103214	North Fork Owyhee River	Idaho to Middle Fork Owyhee River	Owyhee
OR_SR_1705010705_10_102711	Owyhee River	Idaho to North Fork Owyhee River	Owyhee
OR_SR_1705010707_05_102715	Jordan Creek	Cow Creek to confluence with Owyhee River	Owyhee
OR_SR_1705010707_05_102715	Jordan Creek	Cow Creek to confluence with Owyhee River	Owyhee
OR_SR_1705010707_05_102715	Jordan Creek	Cow Creek to confluence with Owyhee River	Owyhee

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705010707_05_102715	Jordan Creek	Cow Creek to confluence with Owyhee River	Owyhee
OR_SR_1705010707_05_102716	Crooked Creek	Dry Creek to confluence with Owyhee River	Owyhee
OR_SR_1705010707_05_102716	Crooked Creek	Dry Creek to confluence with Owyhee River	Owyhee
OR_SR_1705010707_05_102717	Owyhee River	North Fork Owyhee River to Crooked Creek	Owyhee
OR_SR_1705010707_05_102717	Owyhee River	North Fork Owyhee River to Crooked Creek	Owyhee
OR_SR_1705010707_05_102717	Owyhee River	North Fork Owyhee River to Crooked Creek	Owyhee

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705010707_05_102717	Owyhee River	North Fork Owyhee River to Crooked Creek	Owyhee
OR_SR_1705010707_10_102718	Owyhee River	Crooked Creek to Bogus Creek	Owyhee
OR_SR_1705010707_10_102718	Owyhee River	Crooked Creek to Bogus Creek	Owyhee
OR_SR_1705010804_02_102719	Jordan Creek	Idaho to Trout Creek	Owyhee
OR_SR_1705010804_02_102719	Jordan Creek	Idaho to Trout Creek	Owyhee

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705010805_05_102720	Jordan Creek	Trout Creek to Cow Creek	Owyhee
OR_SR_1705011002_05_102730	Owyhee River	Birch Creek to Lake Owyhee	Owyhee
OR_SR_1705011002_05_102730	Owyhee River	Birch Creek to Lake Owyhee	Owyhee
OR_SR_1705011002_10_102740	Owyhee River	Bogus Creek to Birch Creek	Owyhee

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705011007_05_102744	Owyhee River	Lake Owyhee to confluence with Snake River	Owyhee
OR_SR_1705011007_05_102744	Owyhee River	Lake Owyhee to confluence with Snake River	Owyhee
OR_SR_1705011007_05_102744	Owyhee River	Lake Owyhee to confluence with Snake River	Owyhee
OR_SR_1705011502_02_103230	Snake River	Malheur River to Mann Creek	Malheur
OR_SR_1705011502_02_103230	Snake River	Malheur River to Mann Creek	Malheur
OR_SR_1705011502_02_103230	Snake River	Malheur River to Mann Creek	Malheur
OR_SR_1705011502_02_103230	Snake River	Malheur River to Mann Creek	Malheur
OR_SR_1705011502_02_103230	Snake River	Malheur River to Mann Creek	Malheur

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705011502_02_103230	Snake River	Malheur River to Mann Creek	Malheur
OR_SR_1705011502_02_103230	Snake River	Malheur River to Mann Creek	Malheur
OR_SR_1705011502_02_103230	Snake River	Malheur River to Mann Creek	Malheur
OR_SR_1705011502_02_103230	Snake River	Malheur River to Mann Creek	Malheur
OR_SR_1705011502_05_102745	Malheur River	Boston Drain to confluence with Snake River	Malheur
OR_SR_1705011502_05_102745	Malheur River	Boston Drain to confluence with Snake River	Malheur

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705011502_05_102745	Malheur River	Boston Drain to confluence with Snake River	Malheur
OR_SR_1705011502_05_102745	Malheur River	Boston Drain to confluence with Snake River	Malheur
OR_SR_1705011502_05_102745	Malheur River	Boston Drain to confluence with Snake River	Malheur
OR_SR_1705011502_05_102745	Malheur River	Boston Drain to confluence with Snake River	Malheur
OR_SR_1705011502_05_102745	Malheur River	Boston Drain to confluence with Snake River	Malheur
OR_SR_1705011601_05_102746	Malheur River	Crooked Creek to Wolf Creek	Malheur

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705011603_05_102748	Pine Creek	Little Pine Creek to confluence with Malheur River	Malheur
OR_SR_1705011604_05_102749	Stinkingwater Creek	Cedar Creek to confluence with Malheur River	Malheur
OR_SR_1705011605_05_102751	Malheur River	Wolf Creek to Otis Creek	Malheur
OR_SR_1705011607_05_102752	Malheur River	Otis Creek to South Fork Malheur River	Malheur
OR_SR_1705011607_05_102752	Malheur River	Otis Creek to South Fork Malheur River	Malheur
OR_SR_1705011607_05_102752	Malheur River	Otis Creek to South Fork Malheur River	Malheur

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705011607_05_102752	Malheur River	Otis Creek to South Fork Malheur River Crane Creek to confluence with Malheur River	Malheur
OR_SR_1705011610_05_102756	South Fork Malheur River		Malheur
OR_SR_1705011611_05_102757	Little Malheur River	Bridge Creek to confluence with North Fork Malheur River	Malheur
OR_SR_1705011611_05_102758	North Fork Malheur River	Crane Creek to Little Malheur River	Malheur
OR_SR_1705011611_05_102758	North Fork Malheur River	Crane Creek to Little Malheur River	Malheur
OR_SR_1705011611_05_102758	North Fork Malheur River	Crane Creek to Little Malheur River	Malheur
OR_SR_1705011613_05_102759	North Fork Malheur River	Little Malheur River to confluence with Malheur River	Malheur

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705011613_05_102759	North Fork Malheur River	Little Malheur River to confluence with Malheur River	Malheur
OR_SR_1705011613_05_102759	North Fork Malheur River	Little Malheur River to confluence with Malheur River	Malheur
OR_SR_1705011613_05_102759	North Fork Malheur River	Little Malheur River to confluence with Malheur River	Malheur
OR_SR_1705011614_05_102761	Malheur River	South Fork Malheur River to North Fork Malheur River	Malheur
OR_SR_1705011701_05_102762	Malheur River	North Fork Malheur River Gold Creek	Malheur

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705011702_05_103270	Malheur River	Gold Creek to Cottonwood Creek	Malheur
OR_SR_1705011702_05_103270	Malheur River	Gold Creek to Cottonwood Creek	Malheur
OR_SR_1705011703_05_102766	Cottonwood Creek	Keeney Creek to confluence with Malheur River	Malheur
OR_SR_1705011704_05_102767	Malheur River	Cottonwood Creek to Boston Drain	Malheur
OR_SR_1705011704_05_102767	Malheur River	Cottonwood Creek to Boston Drain	Malheur
OR_SR_1705011704_05_102767	Malheur River	Cottonwood Creek to Boston Drain	Malheur

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705011704_05_102767	Malheur River	Cottonwood Creek to Boston Drain	Malheur
OR_SR_1705011706_05_102769	Willow Creek	Poison Creek to confluence with Malheur River	Malheur
OR_SR_1705011706_05_102769	Willow Creek	Poison Creek to confluence with Malheur River	Malheur
OR_SR_1705011706_05_102769	Willow Creek	Poison Creek to confluence with Malheur River	Malheur
OR_SR_1705011706_05_102769	Willow Creek	Poison Creek to confluence with Malheur River	Malheur
OR_SR_1705011706_05_102769	Willow Creek	Poison Creek to confluence with Malheur River	Malheur
OR_SR_1705011801_05_102770	Bully Creek	North Fork Bully Creek to Indian Creek	Malheur

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705011801_05_102771	Bully Creek	Indian Creek to Cottonwood Creek	Malheur
OR_SR_1705011803_05_102775	Bully Creek	Cottonwood Creek to Bully Creek Reservoir	Malheur
OR_SR_1705011803_05_102777	Bully Creek	Bully Creek Reservoir to confluence with Malheur River	Malheur
OR_SR_1705011803_05_102777	Bully Creek	Bully Creek Reservoir to confluence with Malheur River	Malheur
OR_SR_1705011803_05_102777	Bully Creek	Bully Creek Reservoir to confluence with Malheur River	Malheur
OR_SR_1705011902_05_103263	Willow Creek	Middle Willow Creek to Malheur Reservoir	Malheur

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705011904_05_102785	Willow Creek	Cow Creek to Poison Creek	Malheur
OR_SR_1705011904_05_102785	Willow Creek	Cow Creek to Poison Creek	Malheur
OR_SR_1705011904_05_102785	Willow Creek	Cow Creek to Poison Creek	Malheur
OR_SR_1705011904_05_102785	Willow Creek	Cow Creek to Poison Creek	Malheur
OR_SR_1705011904_05_102785	Basin Creek	Lost Watch Creek to confluence with Willow Creek	Malheur

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705020101_02_103229	Snake River	Hog Creek to Mann Creek	Malheur
OR_SR_1705020101_02_103229	Snake River	Hog Creek to Mann Creek	Malheur
OR_SR_1705020101_02_103229	Snake River	Hog Creek to Mann Creek	Malheur
OR_SR_1705020101_02_103229	Snake River	Hog Creek to Mann Creek	Malheur
OR_SR_1705020106_05_102790	Pine Creek	West Fork Pine Creek to Dry Creek	Powder
OR_SR_1705020106_05_102791	Lake Fork Creek	Elk Creek to confluence with North Pine Creek	Powder
OR_SR_1705020106_05_102792	North Pine Creek	Lake Fork Creek to confluence with Pine Creek	Powder
OR_SR_1705020106_05_102793	Pine Creek	North Pine Creek to confluence with Snake River	Powder
OR_SR_1705020106_05_102794	Dry Creek	Headwaters WA Unit to confluence with Pine Creek	Powder

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705020106_05_102795	Pine Creek	Dry Creek to North Pine Creek	Powder
OR_SR_1705020201_05_102800	North Fork Burnt River	Trout Creek to Unity Reservoir	Powder
OR_SR_1705020201_05_102800	North Fork Burnt River	Trout Creek to Unity Reservoir	Powder
OR_SR_1705020201_05_102800	North Fork Burnt River	Trout Creek to Unity Reservoir	Powder
OR_SR_1705020201_05_102800	North Fork Burnt River	Trout Creek to Unity Reservoir	Powder
OR_SR_1705020201_05_102800	North Fork Burnt River	Trout Creek to Unity Reservoir	Powder
OR_SR_1705020201_05_102801	Trout Creek	Alder Creek to confluence with North Fork Burnt River	Powder

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705020201_05_102801	Trout Creek	Alder Creek to confluence with North Fork Burnt River	Powder
OR_SR_1705020201_05_102801	Trout Creek	Alder Creek to confluence with North Fork Burnt River	Powder
OR_SR_1705020201_05_102802	North Fork Burnt River	Dry Creek to Trout Creek	Powder
OR_SR_1705020201_05_102802	North Fork Burnt River	Dry Creek to Trout Creek	Powder
OR_SR_1705020201_05_102802	North Fork Burnt River	Dry Creek to Trout Creek	Powder
OR_SR_1705020202_05_103265	South Fork Burnt River	Whited Reservoir to Unity Reservoir	Powder
OR_SR_1705020202_05_103265	South Fork Burnt River	Whited Reservoir to Unity Reservoir	Powder
OR_SR_1705020203_05_103267	Camp Creek	Higgins Reservoir to confluence with Burnt River	Powder

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705020203_05_103267	Camp Creek	Higgins Reservoir to confluence with Burnt River	Powder
OR_SR_1705020203_05_103268	Camp Creek	confluence of East Camp Creek and West Camp Creek to Higgins Reservoir	Powder
OR_SR_1705020203_05_103268	Camp Creek	confluence of East Camp Creek and West Camp Creek to Higgins Reservoir	Powder
OR_SR_1705020203_05_103268	Camp Creek	confluence of East Camp Creek and West Camp Creek to Higgins Reservoir	Powder
OR_SR_1705020204_05_102803	Burnt River	Unity Reservoir to Indian Creek	Powder
OR_SR_1705020204_05_102803	Burnt River	Unity Reservoir to Indian Creek	Powder
OR_SR_1705020205_05_102805	Burnt River	Indian Creek to Marble Creek	Powder
OR_SR_1705020205_05_102805	Burnt River	Indian Creek to Marble Creek	Powder

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705020205_05_102805	Burnt River	Indian Creek to Marble Creek	Powder
OR_SR_1705020205_05_102805	Burnt River	Indian Creek to Marble Creek	Powder
OR_SR_1705020205_05_102806	Clarks Creek	Headwaters WA unit to confluence with Burnt River	Powder
OR_SR_1705020206_05_102808	Durkee Creek	Ayers Creek to confluence with Burnt River	Powder
OR_SR_1705020206_05_102809	Burnt River	Marble Creek to Durkee Creek	Powder

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705020206_05_102809	Burnt River	Marble Creek to Durkee Creek	Powder
OR_SR_1705020208_05_102810	Burnt River	Durkee Creek to confluence with Snake River	Powder
OR_SR_1705020208_05_102810	Burnt River	Durkee Creek to confluence with Snake River	Powder
OR_SR_1705020208_05_102810	Burnt River	Durkee Creek to confluence with Snake River	Powder
OR_SR_1705020208_05_102810	Burnt River	Durkee Creek to confluence with Snake River	Powder
OR_SR_1705020208_05_102810	Burnt River	Durkee Creek to confluence with Snake River	Powder

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705020208_05_102811	Dixie Creek	Thornton Gulch to confluence with Burnt River	Powder
OR_SR_1705020208_05_102811	Dixie Creek	Thornton Gulch to confluence with Burnt River	Powder
OR_SR_1705020301_05_102812	Cracker Creek	Silver Creek to McCully Fork	Powder
OR_SR_1705020301_05_102814	Powder River	McCully Fork to Phillips Lake	Powder
OR_SR_1705020302_05_102815	Powder River	Phillips Lake to Sutton Creek	Powder

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705020302_05_102815	Powder River	Phillips Lake to Sutton Creek	Powder
OR_SR_1705020302_05_102815	Powder River	Phillips Lake to Sutton Creek	Powder
OR_SR_1705020302_05_102815	Powder River	Phillips Lake to Sutton Creek	Powder
OR_SR_1705020303_05_102816	Powder River	Sutton Creek to Old Settlers Slough	Powder
OR_SR_1705020303_05_102816	Powder River	Sutton Creek to Old Settlers Slough	Powder
OR_SR_1705020303_05_102816	Powder River	Sutton Creek to Old Settlers Slough	Powder
OR_SR_1705020303_05_102816	Powder River	Sutton Creek to Old Settlers Slough	Powder
OR_SR_1705020304_05_102817	North Powder River	Anthony Creek to confluence with Powder River	Powder

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705020304_05_102817	North Powder River	Anthony Creek to confluence with Powder River	Powder
OR_SR_1705020304_05_102818	Powder River	Old Settlers Slough to North Powder River	Powder
OR_SR_1705020304_05_102818	Powder River	Old Settlers Slough to North Powder River	Powder
OR_SR_1705020306_05_102819	Powder River	North Powder River to Thief Valley Reservoir	Powder
OR_SR_1705020306_05_102821	Powder River	Thief Valley Reservoir to Big Creek	Powder
OR_SR_1705020306_05_102821	Powder River	Thief Valley Reservoir to Big Creek	Powder
OR_SR_1705020307_05_102822	Big Creek	Velvet Creek to Beagle Creek	Powder
OR_SR_1705020307_05_102823	Big Creek	Beagle Creek to confluence with Powder River	Powder
OR_SR_1705020308_05_102826	Powder River	Big Creek to Goose Creek	Powder
OR_SR_1705020308_05_102826	Powder River	Big Creek to Goose Creek	Powder

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1705020308_05_102826	Powder River	Big Creek to Goose Creek	Powder
OR_SR_1705020308_05_102826	Powder River	Big Creek to Goose Creek	Powder
OR_SR_1705020309_05_102829	Powder River	Goose Creek to Eagle Creek	Powder
OR_SR_1705020309_05_102829	Powder River	Goose Creek to Eagle Creek	Powder
OR_SR_1705020309_05_102829	Powder River	Goose Creek to Eagle Creek	Powder
OR_SR_1705020309_05_102829	Powder River	Goose Creek to Eagle Creek	Powder
OR_SR_1705020310_05_102830	Eagle Creek	Two Color Creek to confluence with Powder River	Powder
OR_SR_1705020310_05_102830	Eagle Creek	Two Color Creek to confluence with Powder River	Powder
OR_SR_1705020311_05_102831	Powder River	Eagle Creek to Brownlee Reservoir	Powder
OR_SR_1705020311_05_102831	Powder River	Eagle Creek to Brownlee Reservoir	Powder

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010101_02_103274	Snake River	Hells Canyon Reservoir to Sheep Creek	Grande Ronde
OR_SR_1706010101_02_103274	Snake River	Hells Canyon Reservoir to Sheep Creek	Grande Ronde
OR_SR_1706010101_02_103274	Snake River	Hells Canyon Reservoir to Sheep Creek	Grande Ronde
OR_SR_1706010102_02_103280	Snake River	Sheep Creek to Getta Creek	Grande Ronde
OR_SR_1706010102_02_103280	Snake River	Sheep Creek to Getta Creek	Grande Ronde
OR_SR_1706010102_02_103280	Snake River	Sheep Creek to Getta Creek	Grande Ronde
OR_SR_1706010103_02_103282	Snake River	Getta Creek to Salmon River	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010103_02_103282	Snake River	Getta Creek to Salmon River	Grande Ronde
OR_SR_1706010103_02_103282	Snake River	Getta Creek to Salmon River Headwaters WA unit to	Grande Ronde
OR_SR_1706010201_02_103284	Gumboot Creek	confluence with Imnaha River	Grande Ronde
OR_SR_1706010201_02_103285	Dry Creek	North Fork Dry Creek to confluence with Imnaha River	Grande Ronde
OR_SR_1706010201_02_103288	Imnaha River	South Fork Imnaha River to Crazyman Creek	Grande Ronde
OR_SR_1706010202_02_103289	Freezeout Creek	Headwaters WA unit to confluence with Imnaha River	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010202_02_103290	Imnaha River	Crazyman Creek to Big Sheep Creek	Grande Ronde
OR_SR_1706010202_02_103290	Imnaha River	Crazyman Creek to Big Sheep Creek	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010202_02_103290	Imnaha River	Crazyman Creek to Big Sheep Creek	Grande Ronde
OR_SR_1706010202_02_103291	Summit Creek	P O Creek to confluence with Imnaha River	Grande Ronde
OR_SR_1706010202_02_103292	Grouse Creek	Morgan Creek to confluence with Imnaha River	Grande Ronde
OR_SR_1706010202_02_103292	Grouse Creek	Morgan Creek to confluence with Imnaha River	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010203_02_103293	Big Sheep Creek	confluence of North Fork Big Sheep Creek and Middle Fork Big Sheep Creek to Little Sheep Creek	Grande Ronde
OR_SR_1706010203_02_103293	Big Sheep Creek	confluence of North Fork Big Sheep Creek and Middle Fork Big Sheep Creek to Little Sheep Creek	Grande Ronde
OR_SR_1706010203_02_103293	Big Sheep Creek	confluence of North Fork Big Sheep Creek and Middle Fork Big Sheep Creek to Little Sheep Creek	Grande Ronde
OR_SR_1706010204_02_103296	Big Sheep Creek	Little Sheep Creek to confluence with Imnaha River	Grande Ronde
OR_SR_1706010204_02_103296	Big Sheep Creek	Little Sheep Creek to confluence with Imnaha River	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010205_02_103298	Lightning Creek	Sleepy Creek to confluence with Imnaha River	Grande Ronde
OR_SR_1706010205_02_103302	Imnaha River	Big Sheep Creek to confluence with Snake River	Grande Ronde
OR_SR_1706010205_02_103302	Imnaha River	Big Sheep Creek to confluence with Snake River	Grande Ronde
OR_SR_1706010301_02_103306	Snake River	Salmon River to Stateline	Grande Ronde
OR_SR_1706010401_02_103307	Fly Creek	Upper Fly Creek to confluence with Grande Ronde River	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010401_02_103307	Fly Creek	Upper Fly Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010401_02_103307	Fly Creek	Upper Fly Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010401_02_103307	Fly Creek	Upper Fly Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010401_02_103308	Sheep Creek	East Sheep Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010401_02_103308	Sheep Creek	East Sheep Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010401_02_103308	Sheep Creek	East Sheep Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010401_02_103308	Sheep Creek	East Sheep Creek to confluence with Grande Ronde River	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010401_02_103309	Grande Ronde River	Friday Creek to Limber Jim Creek	Grande Ronde
OR_SR_1706010401_02_103309	Grande Ronde River	Friday Creek to Limber Jim Creek	Grande Ronde
OR_SR_1706010401_02_103309	Grande Ronde River	Friday Creek to Limber Jim Creek	Grande Ronde
OR_SR_1706010401_02_103310	Grande Ronde River	Limber Jim Creek to Meadow Creek	Grande Ronde
OR_SR_1706010401_02_103310	Grande Ronde River	Limber Jim Creek to Meadow Creek	Grande Ronde
OR_SR_1706010401_02_103310	Grande Ronde River	Limber Jim Creek to Meadow Creek	Grande Ronde
OR_SR_1706010401_02_103310	Grande Ronde River	Limber Jim Creek to Meadow Creek	Grande Ronde
OR_SR_1706010401_02_103311	Limber Jim Creek	North Fork Limber Jim Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010401_02_103311	Limber Jim Creek	North Fork Limber Jim Creek to confluence with Grande Ronde River	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010401_02_103311	Limber Jim Creek	North Fork Limber Jim Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010401_02_103311	Limber Jim Creek	North Fork Limber Jim Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010401_02_103311	Limber Jim Creek	North Fork Limber Jim Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010402_02_103312	McCoy Creek	confluence of Jennings Creek to Ensign Creek to confluence with Meadow Creek	Grande Ronde
OR_SR_1706010402_02_103312	McCoy Creek	confluence of Jennings Creek to Ensign Creek to confluence with Meadow Creek	Grande Ronde
OR_SR_1706010402_02_103312	McCoy Creek	confluence of Jennings Creek to Ensign Creek to confluence with Meadow Creek	Grande Ronde
OR_SR_1706010402_02_103312	McCoy Creek	confluence of Jennings Creek to Ensign Creek to confluence with Meadow Creek	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010402_02_103312	McCoy Creek	confluence of Jennings Creek to Ensign Creek to confluence with Meadow Creek	Grande Ronde
OR_SR_1706010402_02_103313	Meadow Creek	Upper Meadow Creek to McCoy Creek	Grande Ronde
OR_SR_1706010402_02_103313	Meadow Creek	Upper Meadow Creek to McCoy Creek	Grande Ronde
OR_SR_1706010402_02_103313	Meadow Creek	Upper Meadow Creek to McCoy Creek	Grande Ronde
OR_SR_1706010402_02_103313	Meadow Creek	Upper Meadow Creek to McCoy Creek	Grande Ronde
OR_SR_1706010402_02_103313	Meadow Creek	Upper Meadow Creek to McCoy Creek	Grande Ronde
OR_SR_1706010402_02_103313	Meadow Creek	Upper Meadow Creek to McCoy Creek	Grande Ronde
OR_SR_1706010402_02_103314	Meadow Creek	McCoy Creek to confluence with Grande Ronde River	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010402_02_103314	Meadow Creek	McCoy Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010402_02_103314	Meadow Creek	McCoy Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010402_02_103314	Meadow Creek	McCoy Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010402_02_103315	Dark Canyon Creek	headwaters WA unit to confluence with Meadow Creek	Grande Ronde
OR_SR_1706010402_02_103315	Dark Canyon Creek	headwaters WA unit to confluence with Meadow Creek	Grande Ronde
OR_SR_1706010402_02_103315	Dark Canyon Creek	headwaters WA unit to confluence with Meadow Creek	Grande Ronde
OR_SR_1706010403_02_103316	Five Points Creek	Pelican Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010403_02_103316	Five Points Creek	Pelican Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010403_02_103317	Rock Creek	Graves Creek to confluence with Grande Ronde River	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010403_02_103317	Rock Creek	Graves Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010403_02_103318	Grande Ronde River	Meadow Creek to Five Points Creek	Grande Ronde
OR_SR_1706010403_02_103318	Grande Ronde River	Meadow Creek to Five Points Creek	Grande Ronde
OR_SR_1706010403_02_103318	Grande Ronde River	Meadow Creek to Five Points Creek	Grande Ronde
OR_SR_1706010403_02_103318	Grande Ronde River	Meadow Creek to Five Points Creek	Grande Ronde
OR_SR_1706010403_02_103585	Beaver Creek	La Grande Reservoir to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010403_02_103585	Beaver Creek	La Grande Reservoir to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010403_02_103586	Beaver Creek	Beatty Creek to La Grande Reservoir	Grande Ronde
OR_SR_1706010404_02_103319	Five Points Creek	Mount Emily Creek to Pelican Creek	Grande Ronde
OR_SR_1706010404_02_103320	Pelican Creek	Dry Creek to confluence with Five Points Creek	Grande Ronde
OR_SR_1706010404_02_103321	Wright Slough	confluence of Ordell Ditch and Dobbin Ditch to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010404_02_103553	Grande Ronde River	Five Points Creek to State Ditch	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010404_02_103553	Grande Ronde River	Five Points Creek to State Ditch	Grande Ronde
OR_SR_1706010404_02_103553	Grande Ronde River	Five Points Creek to State Ditch	Grande Ronde
OR_SR_1706010404_02_103553	Grande Ronde River	Five Points Creek to State Ditch	Grande Ronde
OR_SR_1706010404_02_103553	Grande Ronde River	Five Points Creek to State Ditch	Grande Ronde
OR_SR_1706010404_02_103553	Grande Ronde River	Five Points Creek to State Ditch	Grande Ronde
OR_SR_1706010404_02_103553	Grande Ronde River	Five Points Creek to State Ditch	Grande Ronde
OR_SR_1706010404_02_103587	State Ditch	Grande Ronde River Diversion	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010404_02_103587	State Ditch	Grande Ronde River Diversion	Grande Ronde
OR_SR_1706010404_02_103587	State Ditch	Grande Ronde River Diversion	Grande Ronde
OR_SR_1706010404_02_103587	State Ditch	Grande Ronde River Diversion	Grande Ronde
OR_SR_1706010404_02_103587	State Ditch	Grande Ronde River Diversion	Grande Ronde
OR_SR_1706010404_02_103587	State Ditch	Grande Ronde River Diversion	Grande Ronde
OR_SR_1706010405_02_103323	North Fork Catherine Creek	Grande Ronde River Diversion confluence of Jim Creek and Chop Creek to confluence with Catherine Creek	Grande Ronde
OR_SR_1706010405_02_103323	North Fork Catherine Creek	Grande Ronde River Diversion confluence of Jim Creek and Chop Creek to confluence with Catherine Creek	Grande Ronde
OR_SR_1706010405_02_103325	Catherine Creek	Grande Ronde River Diversion confluence of North Fork Catherine Creek and South Fork Catherine Creek to Ladd Creek	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010405_02_103325	Catherine Creek	confluence of North Fork Catherine Creek and South Fork Catherine Creek to Ladd Creek	Grande Ronde
OR_SR_1706010405_02_103325	Catherine Creek	confluence of North Fork Catherine Creek and South Fork Catherine Creek to Ladd Creek	Grande Ronde
OR_SR_1706010405_02_103325	Catherine Creek	confluence of North Fork Catherine Creek and South Fork Catherine Creek to Ladd Creek	Grande Ronde
OR_SR_1706010405_02_103325	Catherine Creek	confluence of North Fork Catherine Creek and South Fork Catherine Creek to Ladd Creek	Grande Ronde
OR_SR_1706010405_02_103326	South Fork Catherine Creek	Prong Creek to confluence with Catherine Creek	Grande Ronde
OR_SR_1706010405_02_103327	Little Catherine Creek	Headwaters WA Unit to confluence with Catherine Creek	Grande Ronde
OR_SR_1706010407_02_103329	Grande Ronde River	State Ditch to State Ditch	Grande Ronde
OR_SR_1706010407_02_103329	Grande Ronde River	State Ditch to State Ditch	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010407_02_103329	Grande Ronde River	State Ditch to State Ditch	Grande Ronde
OR_SR_1706010407_02_103329	Grande Ronde River	State Ditch to State Ditch	Grande Ronde
OR_SR_1706010407_02_103329	Grande Ronde River	State Ditch to State Ditch	Grande Ronde
OR_SR_1706010407_02_103329	Grande Ronde River	State Ditch to State Ditch	Grande Ronde
OR_SR_1706010407_02_103329	Grande Ronde River	State Ditch to State Ditch	Grande Ronde
OR_SR_1706010407_02_103330	Catherine Creek	Ladd Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010407_02_103330	Catherine Creek	Ladd Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010407_02_103330	Catherine Creek	Ladd Creek to confluence with Grande Ronde River	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010407_02_10333C	Catherine Creek	Ladd Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010407_02_10333C	Catherine Creek	Ladd Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010407_02_10333C	Catherine Creek	Ladd Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010407_02_10333C	Catherine Creek	Ladd Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010409_02_103334	Clark Creek	North Fork Clark Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010409_02_103335	Indian Creek	Camp Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010409_02_103336	Grande Ronde River	State Ditch to Clark Creek	Grande Ronde
OR_SR_1706010409_02_103336	Grande Ronde River	State Ditch to Clark Creek	Grande Ronde
OR_SR_1706010409_02_103336	Grande Ronde River	State Ditch to Clark Creek	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010409_02_103336	Grande Ronde River	State Ditch to Clark Creek	Grande Ronde
OR_SR_1706010409_02_103336	Grande Ronde River	State Ditch to Clark Creek	Grande Ronde
OR_SR_1706010409_02_103336	Grande Ronde River	State Ditch to Clark Creek	Grande Ronde
OR_SR_1706010409_02_103336	Grande Ronde River	State Ditch to Clark Creek	Grande Ronde
OR_SR_1706010409_02_103336	Grande Ronde River	State Ditch to Clark Creek	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010410_02_103337	Little Lookingglass Creek	Buzzard Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010410_02_103337	Little Lookingglass Creek	Buzzard Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010410_02_103337	Little Lookingglass Creek	Buzzard Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010411_02_103339	Grande Ronde River	Clark Creek to Wallowa River	Grande Ronde
OR_SR_1706010411_02_103339	Grande Ronde River	Clark Creek to Wallowa River	Grande Ronde
OR_SR_1706010411_02_103339	Grande Ronde River	Clark Creek to Wallowa River	Grande Ronde
OR_SR_1706010411_02_103339	Grande Ronde River	Clark Creek to Wallowa River	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010411_02_103339	Grande Ronde River	Clark Creek to Wallowa River	Grande Ronde
OR_SR_1706010411_02_103339	Grande Ronde River	Clark Creek to Wallowa River	Grande Ronde
OR_SR_1706010411_02_103339	Grande Ronde River	Clark Creek to Wallowa River	Grande Ronde
OR_SR_1706010501_02_103342	Wallowa River	Wallowa Lake to Prairie Creek	Grande Ronde
OR_SR_1706010501_02_103342	Wallowa River	Wallowa Lake to Prairie Creek	Grande Ronde
OR_SR_1706010501_02_103342	Wallowa River	Wallowa Lake to Prairie Creek	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010501_02_103344	Prairie Creek	McCully Creek to confluence with Wallowa River	Grande Ronde
OR_SR_1706010501_02_103346	Wallowa River	Prairie Creek to Spring Creek	Grande Ronde
OR_SR_1706010501_02_103346	Wallowa River	Prairie Creek to Spring Creek	Grande Ronde
OR_SR_1706010501_02_103346	Wallowa River	Prairie Creek to Spring Creek	Grande Ronde
OR_SR_1706010501_02_103346	Wallowa River	Prairie Creek to Spring Creek	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010502_02_103348	Lostine River	Copper Creek to confluence wth Wallowa River	Grande Ronde
OR_SR_1706010502_02_103348	Lostine River	Copper Creek to confluence wth Wallowa River	Grande Ronde
OR_SR_1706010502_02_103348	Lostine River	Copper Creek to confluence wth Wallowa River	Grande Ronde
OR_SR_1706010502_02_103348	Lostine River	Copper Creek to confluence wth Wallowa River	Grande Ronde
OR_SR_1706010502_02_103348	Lostine River	Copper Creek to confluence wth Wallowa River	Grande Ronde
OR_SR_1706010502_02_103348	Lostine River	Copper Creek to confluence wth Wallowa River	Grande Ronde
OR_SR_1706010503_02_103351	Wallowa River	Spring Creek to Bear Creek	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010503_02_103351	Wallowa River	Spring Creek to Bear Creek	Grande Ronde
OR_SR_1706010503_02_103351	Wallowa River	Spring Creek to Bear Creek	Grande Ronde
OR_SR_1706010503_02_103351	Wallowa River	Spring Creek to Bear Creek	Grande Ronde
OR_SR_1706010503_02_103351	Wallowa River	Spring Creek to Bear Creek	Grande Ronde
OR_SR_1706010503_02_103351	Wallowa River	Spring Creek to Bear Creek	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010504_02_103354	Bear Creek	Headwaters WA Unit to Little Bear Creek	Grande Ronde
OR_SR_1706010504_02_103354	Bear Creek	Headwaters WA Unit to Little Bear Creek	Grande Ronde
OR_SR_1706010505_02_103361	Minam River	Elk Creek to confluence with Wallowa River	Grande Ronde
OR_SR_1706010505_02_103361	Minam River	Elk Creek to confluence with Wallowa River	Grande Ronde
OR_SR_1706010505_02_103361	Minam River	Elk Creek to confluence with Wallowa River	Grande Ronde
OR_SR_1706010506_02_103362	Wallowa River	Bear Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010506_02_103362	Wallowa River	Bear Creek to confluence with Grande Ronde River	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010506_02_103362	Wallowa River	Bear Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010506_02_103362	Wallowa River	Bear Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010506_02_103362	Wallowa River	Bear Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010506_02_103362	Wallowa River	Bear Creek to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010506_02_103363	Howard Creek	Headwaters WA Unit to confluence with Wallowa River	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010601_02_103365	Wildcat Creek	Headwaters WA Unit to confluence with Grande Ronde River	Grande Ronde
OR_SR_1706010601_02_103366	Grande Ronde River	Wallowa River to Wildcat Creek	Grande Ronde
OR_SR_1706010601_02_103366	Grande Ronde River	Wallowa River to Wildcat Creek	Grande Ronde
OR_SR_1706010601_02_103366	Grande Ronde River	Wallowa River to Wildcat Creek	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010601_02_103366	Grande Ronde River	Wallowa River to Wildcat Creek	Grande Ronde
OR_SR_1706010602_02_103367	Grande Ronde River	Wildcat Creek to Wenhana River	Grande Ronde
OR_SR_1706010602_02_103367	Grande Ronde River	Wildcat Creek to Wenhana River	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010602_02_103367	Grande Ronde River	Wildcat Creek to Wenhana River	Grande Ronde
OR_SR_1706010603_02_103369	Wenaha River	confluence of North Fork Wenhana River and South Fork Wenhana River to Crooked Creek	Grande Ronde
OR_SR_1706010604_02_103371	Chesnimnus Creek	Devils Run Creek to Elk Creek	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010604_02_103371	Chesnimnus Creek	Devils Run Creek to Elk Creek	Grande Ronde
OR_SR_1706010604_02_103371	Chesnimnus Creek	Devils Run Creek to Elk Creek Headwaters WA unit to confluence with Chesnimnus Creek	Grande Ronde
OR_SR_1706010604_02_103372	Devils Run Creek		Grande Ronde
OR_SR_1706010604_02_103373	Chesnimnus Creek	Headwaters WA Unit to Devils Run Creek	Grande Ronde
OR_SR_1706010604_02_103373	Chesnimnus Creek	Headwaters WA Unit to Devils Run Creek	Grande Ronde
OR_SR_1706010604_02_103374	Salmon Creek	Confluence of Alder Creek and Pine Creek to confluence with Chesnimnus Creek	Grande Ronde
OR_SR_1706010605_02_103375	Joseph Creek	confluence of Chesnimnus Creek and Elk Creek to Swamp Creek	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010605_02_103376	Elk Creek	Little Elk Creek to Chesnimnus Creek	Grande Ronde
OR_SR_1706010605_02_103376	Elk Creek	Little Elk Creek to Chesnimnus Creek	Grande Ronde
OR_SR_1706010605_02_103376	Elk Creek	Little Elk Creek to Chesnimnus Creek	Grande Ronde
OR_SR_1706010605_02_103377	Swamp Creek	Beaver Creek to Joseph Creek	Grande Ronde
OR_SR_1706010606_02_103380	Cottonwood Creek	Horse Creek to Joseph Creek	Grande Ronde
OR_SR_1706010606_02_103381	Joseph Creek	Swamp Creek to Stateline	Grande Ronde
OR_SR_1706010607_02_103583	Grande Ronde River	Wenaha River to Menatchee Creek	Grande Ronde

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1706010607_02_103583	Grande Ronde River	Wenaha River to Menatchee Creek	Grande Ronde
OR_SR_1706010607_02_103583	Grande Ronde River	Wenaha River to Menatchee Creek	Grande Ronde
OR_SR_1707010201_05_101455	Walla Walla River	confluence of Dorothy Ditch and North Fork Walla Walla River to Couse Creek	Umatilla
OR_SR_1707010201_05_101455	Walla Walla River	confluence of Dorothy Ditch and North Fork Walla Walla River to Couse Creek	Umatilla
OR_SR_1707010201_16_101456	South Fork Walla Walla River	Reser Creek to confluence with Walla Walla River	Umatilla
OR_SR_1707010201_16_101456	South Fork Walla Walla River	Reser Creek to confluence with Walla Walla River	Umatilla

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707010201_16_101456	South Fork Walla Walla River	Reser Creek to confluence with Walla Walla River	Umatilla
OR_SR_1707010202_16_101457	Mill Creek	Tiger Creek to Stateline	Umatilla
OR_SR_1707010207_05_101461	Walla Walla River	Couse Creek to Birch Creek	Umatilla
OR_SR_1707010207_05_101461	Walla Walla River	Couse Creek to Birch Creek	Umatilla
OR_SR_1707010207_05_101461	Walla Walla River	Couse Creek to Birch Creek	Umatilla
OR_SR_1707010207_16_101462	Little Walla Walla River	Ford Branch to confluence with Walla Walla River	Umatilla
OR_SR_1707010207_16_101462	Little Walla Walla River	Ford Branch to confluence with Walla Walla River	Umatilla
OR_SR_1707010211_16_101465	Middle Mud Creek	Headwaters WA unit to confluence with Little Walla Walla River	Umatilla
OR_SR_1707010211_16_101465	Middle Mud Creek	Headwaters WA unit to confluence with Little Walla Walla River	Umatilla
OR_SR_1707010211_16_101466	West Branch West Crockett Branch	Washington to confluence with West Crockett Branch	Umatilla
OR_SR_1707010211_16_101466	West Branch West Crockett Branch	Washington to confluence with West Crockett Branch	Umatilla

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707010211_16_101466	West Branch West Crockett Branch	Washington to confluence with West Crockett Branch	Umatilla
OR_SR_1707010301_02_101468	South Fork Umatilla River	Shimmiehorn Creek to Thomas Creek	Umatilla
OR_SR_1707010301_02_101469	North Fork Umatilla River	Coyote Creek to confluence with Umatilla River	Umatilla
OR_SR_1707010301_02_101469	North Fork Umatilla River	Coyote Creek to confluence with Umatilla River	Umatilla
OR_SR_1707010301_02_101470	Umatilla River	confluence of Thomas Creek and South Fork Umatilla River to Ryan Creek	Umatilla
OR_SR_1707010301_02_101470	Umatilla River	confluence of Thomas Creek and South Fork Umatilla River to Ryan Creek	Umatilla
OR_SR_1707010301_02_101470	Umatilla River	confluence of Thomas Creek and South Fork Umatilla River to Ryan Creek	Umatilla
OR_SR_1707010301_02_101470	Umatilla River	confluence of Thomas Creek and South Fork Umatilla River to Ryan Creek	Umatilla

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707010302_02_101471	Meacham Creek	Beaver Creek to Butcher Creek	Umatilla
OR_SR_1707010302_02_101471	Meacham Creek	Beaver Creek to Butcher Creek	Umatilla
OR_SR_1707010302_02_101471	Meacham Creek	Beaver Creek to Butcher Creek	Umatilla
OR_SR_1707010302_02_101472	North Fork Meacham Creek	Bear Creek to Meacham Creek	Umatilla
OR_SR_1707010302_02_101472	North Fork Meacham Creek	Bear Creek to Meacham Creek	Umatilla
OR_SR_1707010302_02_101472	North Fork Meacham Creek	Bear Creek to Meacham Creek	Umatilla
OR_SR_1707010302_02_101475	Meacham Creek	Line Creek to North Fork Meacham Creek	Umatilla

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707010302_02_101475	Meacham Creek	Line Creek to North Fork Meacham Creek	Umatilla
OR_SR_1707010302_02_101475	Meacham Creek	Line Creek to North Fork Meacham Creek	Umatilla
OR_SR_1707010302_02_101475	Meacham Creek	Line Creek to North Fork Meacham Creek	Umatilla
OR_SR_1707010302_02_101476	North Fork Meacham Creek	Headwaters WA Unit to Bear Creek	Umatilla
OR_SR_1707010302_02_101476	North Fork Meacham Creek	Headwaters WA Unit to Bear Creek	Umatilla
OR_SR_1707010302_02_101477	Owsley Creek	Headwaters WA unit to confluence with Meacham Creek	Umatilla
OR_SR_1707010302_02_101478	Meacham Creek	Butcher Creek to North Fork Meacham Creek	Umatilla
OR_SR_1707010302_02_101478	Meacham Creek	Butcher Creek to North Fork Meacham Creek	Umatilla
OR_SR_1707010302_02_101478	Meacham Creek	Butcher Creek to North Fork Meacham Creek	Umatilla
OR_SR_1707010303_02_101479	Wildhorse Creek	Spring Hollow Creek to confluence with Umatilla River	Umatilla

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707010306_02_101483	West Birch Creek	Stanley Creek and East Birch Creek	Umatilla
OR_SR_1707010306_02_101483	West Birch Creek	Stanley Creek and East Birch Creek	Umatilla
OR_SR_1707010306_02_101483	West Birch Creek	Stanley Creek and East Birch Creek	Umatilla
OR_SR_1707010307_02_102616	Umatilla River	Birch Creek to Stanfield Drain	Umatilla
OR_SR_1707010307_02_102616	Umatilla River	Birch Creek to Stanfield Drain	Umatilla
OR_SR_1707010307_02_102616	Umatilla River	Birch Creek to Stanfield Drain	Umatilla
OR_SR_1707010307_02_102616	Umatilla River	Birch Creek to Stanfield Drain	Umatilla
OR_SR_1707010307_02_102616	Umatilla River	Birch Creek to Stanfield Drain	Umatilla
OR_SR_1707010309_02_101485	Butter Creek	East Fork Butter Creek to Little Butter Creek	Umatilla

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707010309_02_101486	Johnson Creek	Headwaters WA unit to East Fork Butter Creek	Umatilla
OR_SR_1707010309_02_101486	Johnson Creek	Headwaters WA unit to East Fork Butter Creek	Umatilla
OR_SR_1707010310_02_101488	Butter Creek	Little Butter Creek to confluence with Umatilla River	Umatilla
OR_SR_1707010310_02_101488	Butter Creek	Little Butter Creek to confluence with Umatilla River	Umatilla
OR_SR_1707010313_02_101491	Hermiston Ditch	Cold Springs Reservoir to confluence with Umatilla River	Umatilla
OR_SR_1707010313_02_101491	Hermiston Ditch	Cold Springs Reservoir to confluence with Umatilla River	Umatilla
OR_SR_1707010313_02_101492	Umatilla River	Stanfield Drain to confluence with Columbia River	Umatilla
OR_SR_1707010313_02_101492	Umatilla River	Stanfield Drain to confluence with Columbia River	Umatilla
OR_SR_1707010313_02_101492	Umatilla River	Stanfield Drain to confluence with Columbia River	Umatilla
OR_SR_1707010313_02_101492	Umatilla River	Stanfield Drain to confluence with Columbia River	Umatilla

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707010313_02_101492	Umatilla River	Stanfield Drain to confluence with Columbia River	Umatilla
OR_SR_1707010401_02_102604	Willow Creek	North Fork Willow Creek to Willow Lake	Umatilla
OR_SR_1707010401_02_102604	Willow Creek	North Fork Willow Creek to Willow Lake	Umatilla
OR_SR_1707010401_02_102604	Willow Creek	North Fork Willow Creek to Willow Lake	Umatilla
OR_SR_1707010401_02_102605	Willow Creek	Willow Lake to Hinton Creek	Umatilla
OR_SR_1707010401_02_102605	Willow Creek	Willow Lake to Hinton Creek	Umatilla
OR_SR_1707010401_02_102605	Willow Creek	Willow Lake to Hinton Creek	Umatilla
OR_SR_1707010402_02_101494	Willow Creek	Hinton Creek to Rhea Creek	Umatilla

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707010403_02_101495	Rhea Creek	Houselog Creek to confluence with Willow Creek	Umatilla
OR_SR_1707010403_02_101495	Rhea Creek	Houselog Creek to confluence with Willow Creek	Umatilla
OR_SR_1707010403_02_101495	Rhea Creek	Houselog Creek to confluence with Willow Creek	Umatilla
OR_SR_1707010405_02_101501	Willow Creek	Rhea Creek to Eightmile Canyon	Umatilla
OR_SR_1707010405_02_101501	Willow Creek	Rhea Creek to Eightmile Canyon	Umatilla
OR_SR_1707010405_02_101501	Willow Creek	Rhea Creek to Eightmile Canyon	Umatilla
OR_SR_1707010405_02_101502	Willow Creek	Eightmile Canyon to confluence with Columbia River	Umatilla
OR_SR_1707010502_02_101504	Eightmile Creek	Fivemile Creek to confluence with Fifteenmile Creek	Hood

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707010502_02_101504	Eightmile Creek	Fivemile Creek to confluence with Fifteenmile Creek	Hood
OR_SR_1707010502_02_101504	Eightmile Creek	Fivemile Creek to confluence with Fifteenmile Creek	Hood
OR_SR_1707010502_02_101504	Eightmile Creek	Fivemile Creek to confluence with Fifteenmile Creek	Hood
OR_SR_1707010503_02_101505	Dry Creek	Mays Canyon Creek to confluence with Fifteenmile Creek	Hood
OR_SR_1707010503_02_101506	Fifteenmile Creek	Dry Creek to confluence with Columbia River	Hood

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707010503_02_101506	Fifteenmile Creek	Dry Creek to confluence with Columbia River	Hood
OR_SR_1707010503_02_101506	Fifteenmile Creek	Dry Creek to confluence with Columbia River	Hood
OR_SR_1707010503_02_101506	Fifteenmile Creek	Dry Creek to confluence with Columbia River	Hood
OR_SR_1707010503_02_101506	Fifteenmile Creek	Dry Creek to confluence with Columbia River	Hood
OR_SR_1707010503_02_101507	Fifteenmile Creek	Pine Creek to Dry Creek	Hood
OR_SR_1707010503_02_101507	Fifteenmile Creek	Pine Creek to Dry Creek	Hood

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707010503_02_101507	Fifteenmile Creek	Pine Creek to Dry Creek	Hood
OR_SR_1707010503_02_101507	Fifteenmile Creek	Pine Creek to Dry Creek	Hood
OR_SR_1707010503_02_101507	Fifteenmile Creek	Pine Creek to Dry Creek	Hood
OR_SR_1707010503_02_101507	Fifteenmile Creek	Pine Creek to Dry Creek	Hood
OR_SR_1707010505_02_101508	East Fork Hood River	Cold Spring Creek to Middle Fork Hood River	Hood
OR_SR_1707010505_02_101508	East Fork Hood River	Cold Spring Creek to Middle Fork Hood River	Hood
OR_SR_1707010505_02_101508	East Fork Hood River	Cold Spring Creek to Middle Fork Hood River	Hood
OR_SR_1707010505_02_101508	East Fork Hood River	Cold Spring Creek to Middle Fork Hood River	Hood
OR_SR_1707010505_02_101508	East Fork Hood River	Cold Spring Creek to Middle Fork Hood River	Hood

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707010505_02_101508	East Fork Hood River	Cold Spring Creek to Middle Fork Hood River	Hood
OR_SR_1707010505_02_101508	East Fork Hood River	Cold Spring Creek to Middle Fork Hood River	Hood
OR_SR_1707010505_02_101509	Middle Fork Hood River	confluence of Coe Branch and Clear Branch to East Fork Hood River	Hood
OR_SR_1707010505_02_101509	Middle Fork Hood River	confluence of Coe Branch and Clear Branch to East Fork Hood River	Hood
OR_SR_1707010505_02_101509	Middle Fork Hood River	confluence of Coe Branch and Clear Branch to East Fork Hood River	Hood
OR_SR_1707010505_02_101509	Middle Fork Hood River	confluence of Coe Branch and Clear Branch to East Fork Hood River	Hood
OR_SR_1707010506_02_101511	West Fork Hood River	McGee Creek to confluence with Hood River	Hood
OR_SR_1707010506_02_101511	West Fork Hood River	McGee Creek to confluence with Hood River	Hood

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707010507_02_101512	Hood River	confluence of West Fork Hood River and East Fork Hood River to confluence with Columbia River	Hood
OR_SR_1707010511_02_101513	Mosier Creek	West Fork Mosier Creek to confluence with Columbia River	Hood
OR_SR_1707010512_02_101514	Eagle Creek	Headwaters WA unit to confluence with Columbia River	Hood
OR_SR_1707010512_02_101514	Eagle Creek	Headwaters WA unit to confluence with Columbia River	Hood
OR_SR_1707020101_05_101516	South Fork John Day River	Venator Creek to Flat Creek	John Day
OR_SR_1707020101_05_101516	South Fork John Day River	Venator Creek to Flat Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020102_05_101519	South Fork John Day River	Pine Creek to Deer Creek	John Day
OR_SR_1707020102_05_101520	Pine Creek	Brisbois Creek to confluence with South Fork John Day River	John Day
OR_SR_1707020102_05_101521	Pine Creek	Headwaters WA unit to Brisbois Creek	John Day
OR_SR_1707020102_05_101521	Pine Creek	Headwaters WA unit to Brisbois Creek	John Day
OR_SR_1707020102_05_101521	Pine Creek	Headwaters WA unit to Brisbois Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020103_05_101525	Murderers Creek	Tex Creek to South Fork Murderers Creek	John Day
OR_SR_1707020103_05_101525	Murderers Creek	Tex Creek to South Fork Murderers Creek	John Day
OR_SR_1707020103_05_101526	Murderers Creek	South Fork Murderers Creek to confluence with South Fork John Day River	John Day
OR_SR_1707020103_05_101526	Murderers Creek	South Fork Murderers Creek to confluence with South Fork John Day River	John Day
OR_SR_1707020105_05_101530	John Day River	Reynolds Creek to Dads Creek	John Day
OR_SR_1707020105_05_101530	John Day River	Reynolds Creek to Dads Creek	John Day
OR_SR_1707020106_05_101531	Grub Creek	Headwaters WA unit to confluence with John Day River	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020106_05_101532	Indian Creek	Overholt Creek to confluence with John Day River	John Day
OR_SR_1707020106_05_101533	John Day River	Dads Creek to Dixie Creek	John Day
OR_SR_1707020106_05_101533	John Day River	Dads Creek to Dixie Creek	John Day
OR_SR_1707020106_05_101534	Bear Creek	Hall Creek to confluence with John Day River	John Day
OR_SR_1707020106_05_101536	John Day River	Fivemile Creek to confluence with Fifteenmile Creek	John Day
OR_SR_1707020106_05_101536	John Day River	Fivemile Creek to confluence with Fifteenmile Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020107_05_101537	Canyon Creek	East Fork Canyon Creek to confluence with John Day River	John Day
OR_SR_1707020107_05_101538	Canyon Creek	Middle Fork Canyon Creek to East Fork Canyon Creek	John Day
OR_SR_1707020107_05_101538	Canyon Creek	Middle Fork Canyon Creek to East Fork Canyon Creek	John Day
OR_SR_1707020107_05_101539	East Fork Canyon Creek	Brooking Creek to confluence with Canyon Creek	John Day
OR_SR_1707020109_05_101547	John Day River	Canyon Creek to Moon Creek	John Day
OR_SR_1707020109_05_101547	John Day River	Canyon Creek to Moon Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020109_05_101547	John Day River	Canyon Creek to Moon Creek	John Day
OR_SR_1707020110_05_101550	Fields Creek	Buck Cabin Creek to confluence with John Day River	John Day
OR_SR_1707020110_05_101552	John Day River	Moon Creek to South Fork John Day River	John Day
OR_SR_1707020110_05_101552	John Day River	Moon Creek to South Fork John Day River	John Day
OR_SR_1707020110_05_101552	John Day River	Moon Creek to South Fork John Day River	John Day
OR_SR_1707020111_05_101556	Battle Creek	Headwaters WA unit to confluence with John Day River	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020111_05_10155E	Cottonwood Creek	Day Creek to confluence with John Day River	John Day
OR_SR_1707020111_05_10256E	John Day River	South Fork John Day River to Rock Creek	John Day
OR_SR_1707020111_05_10256E	John Day River	South Fork John Day River to Rock Creek	John Day
OR_SR_1707020111_05_10256E	John Day River	South Fork John Day River to Rock Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020111_05_102568	John Day River	South Fork John Day River to Rock Creek	John Day
OR_SR_1707020112_05_101560	Lower Mountain Creek	Willow Creek to Rock Creek	John Day
OR_SR_1707020112_05_101561	Mountain Creek	confluence of Badger Creek and Indian Creek to Willow Creek	John Day
OR_SR_1707020113_05_101564	Rock Creek	Mountain Creek to confluence with John Day River	John Day
OR_SR_1707020114_05_102609	John Day River	Rock Creek to North Fork John Day River	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020114_05_102609	John Day River	Rock Creek to North Fork John Day River	John Day
OR_SR_1707020114_05_102609	John Day River	Rock Creek to North Fork John Day River	John Day
OR_SR_1707020114_05_102609	John Day River	Rock Creek to North Fork John Day River	John Day
OR_SR_1707020201_05_101569	North Fork John Day River	Baldy Creek to Lake Creek	John Day
OR_SR_1707020201_05_101569	North Fork John Day River	Baldy Creek to Lake Creek	John Day
OR_SR_1707020201_05_101569	North Fork John Day River	Baldy Creek to Lake Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020202_05_101570	Granite Creek	Lake Creek to Clear Creek	John Day
OR_SR_1707020202_05_101570	Granite Creek	Lake Creek to Clear Creek	John Day
OR_SR_1707020202_05_101571	Clear Creek	Beaver Creek to confluence with Granite Creek	John Day
OR_SR_1707020202_05_101572	Granite Creek	Bull Run Creek to Clear Creek	John Day
OR_SR_1707020202_05_101572	Granite Creek	Bull Run Creek to Clear Creek	John Day
OR_SR_1707020202_05_101572	Granite Creek	Bull Run Creek to Clear Creek	John Day
OR_SR_1707020203_05_101573	Big Creek	Meadow Creek to confluence with North Fork John Day River	John Day
OR_SR_1707020203_05_101574	North Fork John Day River	Big Creek to Desolation Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020203_05_101574	North Fork John Day River	Big Creek to Desolation Creek	John Day
OR_SR_1707020203_05_101575	North Fork John Day River	Granite Creek to Big Creek	John Day
OR_SR_1707020203_05_101575	North Fork John Day River	Granite Creek to Big Creek	John Day
OR_SR_1707020203_05_101576	Texas Bar Creek	Headwaters WA unit to confluence with North Fork John Day River	John Day
OR_SR_1707020203_05_101577	Big Creek	Headwaters WA Unit to Meadow Creek	John Day
OR_SR_1707020203_05_101578	Meadow Creek	South Fork Meadow Creek to Big Creek	John Day
OR_SR_1707020204_05_101579	Desolation Creek	Starveout Creek to confluence with North Fork John Day River	John Day
OR_SR_1707020204_05_101579	Desolation Creek	Starveout Creek to confluence with North Fork John Day River	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020205_05_101580	Lane Creek	Headwaters WA unit to confluence with Camas Creek	John Day
OR_SR_1707020205_05_101580	Lane Creek	Headwaters WA unit to confluence with Camas Creek	John Day
OR_SR_1707020205_05_101581	Camas Creek	Lane Creek to Cable Creek	John Day
OR_SR_1707020205_05_101581	Camas Creek	Lane Creek to Cable Creek	John Day
OR_SR_1707020205_05_101581	Camas Creek	Lane Creek to Cable Creek	John Day
OR_SR_1707020205_05_101582	Cable Creek	confluence of North Fork Cable Creek and South Fork Cable Creek to confluence with Cable Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020205_05_101582	Cable Creek	confluence of North Fork Cable Creek and South Fork Cable Creek to confluence with Cable Creek	John Day
OR_SR_1707020205_05_101583	Hidaway Creek	Headwaters WA unit to confluence with Camas Creek	John Day
OR_SR_1707020205_05_101583	Hidaway Creek	Headwaters WA unit to confluence with Camas Creek	John Day
OR_SR_1707020205_05_101583	Hidaway Creek	Headwaters WA unit to confluence with Camas Creek	John Day
OR_SR_1707020205_05_101584	Camas Creek	Frazier Creek to Lane Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020205_05_101584	Camas Creek	Frazier Creek to Lane Creek	John Day
OR_SR_1707020205_05_101584	Camas Creek	Frazier Creek to Lane Creek	John Day
OR_SR_1707020205_05_101584	Camas Creek	Frazier Creek to Lane Creek	John Day
OR_SR_1707020206_05_101586	Owens Creek	Snipe Creek to confluence with Camas Creek	John Day
OR_SR_1707020206_05_101586	Owens Creek	Snipe Creek to confluence with Camas Creek	John Day
OR_SR_1707020206_05_101587	Camas Creek	Cable Creek to Owens Creek	John Day
OR_SR_1707020206_05_101587	Camas Creek	Cable Creek to Owens Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020206_05_10158E	Camas Creek	Owens Creek to confluence with North Fork John Day River	John Day
OR_SR_1707020206_05_10158E	Camas Creek	Owens Creek to confluence with North Fork John Day River	John Day
OR_SR_1707020206_05_10159C	Fivemile Creek	Sugarbowl Creek to confluence with Camas Creek	John Day
OR_SR_1707020206_05_10159C	Fivemile Creek	Sugarbowl Creek to confluence with Camas Creek	John Day
OR_SR_1707020206_05_10159C	Fivemile Creek	Sugarbowl Creek to confluence with Camas Creek	John Day
OR_SR_1707020206_05_10159I	Owens Creek	Headwaters WA Unit to Snipe Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020206_05_101591	Owens Creek	Headwaters WA Unit to Snipe Creek	John Day
OR_SR_1707020207_05_101592	Ditch Creek	Headwaters WA unit to confluence with North Fork John Day River	John Day
OR_SR_1707020207_05_101592	Ditch Creek	Headwaters WA unit to confluence with North Fork John Day River	John Day
OR_SR_1707020207_05_101592	Ditch Creek	Headwaters WA unit to confluence with North Fork John Day River	John Day
OR_SR_1707020207_05_101592	Ditch Creek	Headwaters WA unit to confluence with North Fork John Day River	John Day
OR_SR_1707020207_05_101594	Mallory Creek	Graves Creek to confluence with North Fork John Day River	John Day
OR_SR_1707020207_05_101594	Mallory Creek	Graves Creek to confluence with North Fork John Day River	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020207_05_101594	Mallory Creek	Graves Creek to confluence with North Fork John Day River	John Day
OR_SR_1707020207_05_101595	North Fork John Day River	Camas Creek to Wall Creek	John Day
OR_SR_1707020207_05_101596	North Fork John Day River	Desolation Creek to Camas Creek	John Day
OR_SR_1707020207_05_101596	North Fork John Day River	Desolation Creek to Camas Creek	John Day
OR_SR_1707020207_05_101597	Middle Fork John Day River	Granite Creek to confluence with North Fork John Day River	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020207_05_101597	Middle Fork John Day River	Granite Creek to confluence with North Fork John Day River	John Day
OR_SR_1707020207_05_101598	Potamus Creek	Gilbert Creek to confluence with North Fork John Day River	John Day
OR_SR_1707020207_05_101599	West Fork Meadow Brook	East Fork Meadow Brook to confluence with North Fork John Day River	John Day
OR_SR_1707020207_05_101599	West Fork Meadow Brook	East Fork Meadow Brook to confluence with North Fork John Day River	John Day
OR_SR_1707020208_05_101600	Skookum Creek	Headwaters WA Unit to Swale Creek	John Day
OR_SR_1707020208_05_101600	Skookum Creek	Headwaters WA Unit to Swale Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020208_05_101600	Skookum Creek	Headwaters WA Unit to Swale Creek	John Day
OR_SR_1707020208_05_101601	Wilson Creek	Johnson Creek to confluence with Big Wall Creek	John Day
OR_SR_1707020208_05_101601	Wilson Creek	Johnson Creek to confluence with Big Wall Creek	John Day
OR_SR_1707020208_05_101601	Wilson Creek	Johnson Creek to confluence with Big Wall Creek	John Day
OR_SR_1707020208_05_101601	Wilson Creek	Johnson Creek to confluence with Big Wall Creek	John Day
OR_SR_1707020208_05_101603	Little Wall Creek	Lovlett Creek to confluence with Skookum Creek	John Day
OR_SR_1707020208_05_101603	Little Wall Creek	Lovlett Creek to confluence with Skookum Creek	John Day
OR_SR_1707020208_05_101603	Little Wall Creek	Lovlett Creek to confluence with Skookum Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020208_05_101604	Big Wall Creek	South Fork Big Wall Creek to Wilson Creek	John Day
OR_SR_1707020208_05_101604	Big Wall Creek	South Fork Big Wall Creek to Wilson Creek	John Day
OR_SR_1707020208_05_101604	Big Wall Creek	South Fork Big Wall Creek to Wilson Creek	John Day
OR_SR_1707020208_05_101604	Big Wall Creek	South Fork Big Wall Creek to Wilson Creek	John Day
OR_SR_1707020208_05_101605	Big Wall Creek	Wilson Creek to Little Wall Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020208_05_101605	Big Wall Creek	Wilson Creek to Little Wall Creek	John Day
OR_SR_1707020208_05_101605	Big Wall Creek	Wilson Creek to Little Wall Creek	John Day
OR_SR_1707020208_05_101605	Big Wall Creek	Wilson Creek to Little Wall Creek	John Day
OR_SR_1707020208_05_101606	Wall Creek	Little Wall Creek to confluence with North Fork John Day River	John Day
OR_SR_1707020208_05_101606	Wall Creek	Little Wall Creek to confluence with North Fork John Day River	John Day
OR_SR_1707020208_05_101606	Wall Creek	Little Wall Creek to confluence with North Fork John Day River	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020208_05_101606	Wall Creek	Little Wall Creek to confluence with North Fork John Day River	John Day
OR_SR_1707020208_05_101606	Wall Creek	Little Wall Creek to confluence with North Fork John Day River	John Day
OR_SR_1707020208_05_101607	Indian Creek	East Fork Indian Creek to confluence with Big Wall Creek	John Day
OR_SR_1707020208_05_101607	Indian Creek	East Fork Indian Creek to confluence with Big Wall Creek	John Day
OR_SR_1707020208_05_101607	Indian Creek	East Fork Indian Creek to confluence with Big Wall Creek	John Day
OR_SR_1707020208_05_101608	Swale Creek	Bear Creek to confluence with Skookum Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020208_05_10160E	Swale Creek	Bear Creek to confluence with Skookum Creek	John Day
OR_SR_1707020208_05_10160E	Swale Creek	Bear Creek to confluence with Skookum Creek	John Day
OR_SR_1707020208_05_10160E	Swale Creek	Bear Creek to confluence with Skookum Creek	John Day
OR_SR_1707020208_05_10256E	Skookum Creek	Swale Creek to confluence with Little Wall Creek	John Day
OR_SR_1707020208_05_10256E	Skookum Creek	Swale Creek to confluence with Little Wall Creek	John Day
OR_SR_1707020208_05_10256E	Skookum Creek	Swale Creek to confluence with Little Wall Creek	John Day
OR_SR_1707020209_05_10160E	East Fork Cottonwood Creek	Headwaters WA unit to confluence with Cottonwood Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020209_05_101609	East Fork Cottonwood Creek	Headwaters WA unit to confluence with Cottonwood Creek	John Day
OR_SR_1707020209_05_101612	Cottonwood Creek	Slip Up Creek to confluence with North Fork John Day River	John Day
OR_SR_1707020210_05_101613	North Fork John Day River	Wall Creek to confluence with John Day River	John Day
OR_SR_1707020210_05_101616	Rudio Creek	Headwaters WA Unit to confluence with North Fork John Day River	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020301_05_101617	Middle Fork John Day River	Mill Creek to Bridge Creek	John Day
OR_SR_1707020302_05_101618	Camp Creek	Coxie Creek to Lick Creek	John Day
OR_SR_1707020302_05_101619	Middle Fork John Day River	Bridge Creek to Vinegar Creek	John Day
OR_SR_1707020302_05_101619	Middle Fork John Day River	Bridge Creek to Vinegar Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020302_05_101620	Vinegar Creek	Headwaters WA unit to confluence with Middle Fork John Day River	John Day
OR_SR_1707020302_05_101620	Vinegar Creek	Headwaters WA unit to confluence with Middle Fork John Day River	John Day
OR_SR_1707020302_05_101622	Lick Creek	West Fork Lick Creek to confluence with Camp Creek	John Day
OR_SR_1707020302_05_101622	Lick Creek	West Fork Lick Creek to confluence with Camp Creek	John Day
OR_SR_1707020302_05_101623	Camp Creek	Lick Creek to confluence with Middle Fork John Day River	John Day
OR_SR_1707020302_05_101623	Camp Creek	Lick Creek to confluence with Middle Fork John Day River	John Day
OR_SR_1707020302_05_102577	Middle Fork John Day River	Vinegar Creek to Camp Creek	John Day
OR_SR_1707020302_05_102577	Middle Fork John Day River	Vinegar Creek to Camp Creek	John Day
OR_SR_1707020302_05_102577	Middle Fork John Day River	Vinegar Creek to Camp Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020303_05_101624	Middle Fork John Day River	Camp Creek to Granite Creek	John Day
OR_SR_1707020303_05_101624	Middle Fork John Day River	Camp Creek to Granite Creek	John Day
OR_SR_1707020303_05_101624	Middle Fork John Day River	Camp Creek to Granite Creek	John Day
OR_SR_1707020303_05_101626	Big Creek	Deadwood Creek to confluence with Middle Fork John Day River	John Day
OR_SR_1707020303_05_101626	Big Creek	Deadwood Creek to confluence with Middle Fork John Day River	John Day
OR_SR_1707020304_05_101627	Long Creek	Pass Creek to confluence with Middle Fork John Day River	John Day
OR_SR_1707020304_05_101628	Long Creek	Headwaters WA Unit to Pass Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020401_05_101635	Kahler Creek	Corncob Creek to confluence with John Day River	John Day
OR_SR_1707020401_05_101636	Kahler Creek	Tamarack Creek to Corncob Creek	John Day
OR_SR_1707020402_05_101644	John Day River	Alder Creek to Bridge Creek	John Day
OR_SR_1707020402_05_101644	John Day River	Alder Creek to Bridge Creek	John Day
OR_SR_1707020403_05_101647	Bridge Creek	Bear Creek to confluence with John Day River	John Day
OR_SR_1707020403_05_101647	Bridge Creek	Bear Creek to confluence with John Day River	John Day
OR_SR_1707020403_05_101647	Bridge Creek	Bear Creek to confluence with John Day River	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020403_05_10164E	Bear Creek	Pass Gulch to confluence with Bridge Creek	John Day
OR_SR_1707020403_05_10165C	Bridge Creek	Keyes Creek to Bear Creek	John Day
OR_SR_1707020403_05_10165C	Bridge Creek	Keyes Creek to Bear Creek	John Day
OR_SR_1707020403_05_10165C	Bridge Creek	Keyes Creek to Bear Creek	John Day
OR_SR_1707020403_05_10165I	Bridge Creek	Headwaters WA Unit to Keyes Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020403_05_101651	Bridge Creek	Headwaters WA Unit to Keyes Creek	John Day
OR_SR_1707020404_05_101662	Pine Creek	Cove Creek to Pine Creek	John Day
OR_SR_1707020404_05_101662	Pine Creek	Cove Creek to Pine Creek	John Day
OR_SR_1707020404_05_101662	Pine Creek	Cove Creek to Pine Creek	John Day
OR_SR_1707020404_05_101664	Pine Creek	Headwaters WA unit to Cove Creek	John Day
OR_SR_1707020404_05_10257C	John Day River	Bridge Creek to Pine Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020405_05_101671	Butte Creek	North Fork Butte Creek to confluence with John Day River	John Day
OR_SR_1707020407_05_101677	Sorefoot Creek	Headwaters WA unit to confluence with John Day River	John Day
OR_SR_1707020408_05_101684	Thirtymile Creek	Searcy Creek to East Fork Thirtymile Creek	John Day
OR_SR_1707020410_05_101697	Hay Creek	Dry Fork Hay Creek to confluence with John Day River	John Day
OR_SR_1707020410_05_101700	John Day River	Ferry Canyon to confluence with Rock Creek	John Day
OR_SR_1707020410_05_101701	Rock Creek	Lone Rock Creek to confluence with John Day River	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020410_05_101701	Rock Creek	Lone Rock Creek to confluence with John Day River	John Day
OR_SR_1707020411_05_101703	Brown Creek	Big Dutch Canyon to Buckhorn Creek	John Day
OR_SR_1707020411_05_101704	Rock Creek	Chapin Creek to Lone Rock Creek	John Day
OR_SR_1707020411_05_101705	Rock Creek	Davidson Canyon to Chapin Creek	John Day
OR_SR_1707020411_05_101705	Rock Creek	Davidson Canyon to Chapin Creek	John Day

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707020411_05_101705	Rock Creek	Davidson Canyon to Chapin Creek	John Day
OR_SR_1707020413_05_101708	Grass Valley Canyon	Barnum Canyon to confluence with John Day River	John Day
OR_SR_1707020413_05_101709	Rosebush Creek	Headwaters WA Unit to confluence with Grass Valley Canyon	John Day
OR_SR_1707020414_05_101712	John Day River	Rock Creek to confluence with Columbia River	John Day
OR_SR_1707030103_05_101713	Deschutes River	Little Deschutes River to Spring River	Deschutes
OR_SR_1707030103_05_101713	Deschutes River	Little Deschutes River to Spring River	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707030103_05_101713	Deschutes River	Little Deschutes River to Spring River	Deschutes
OR_SR_1707030103_05_101713	Deschutes River	Little Deschutes River to Spring River	Deschutes
OR_SR_1707030103_05_101713	Deschutes River	Little Deschutes River to Spring River	Deschutes
OR_SR_1707030103_05_101713	Deschutes River	Little Deschutes River to Spring River	Deschutes
OR_SR_1707030104_05_102628	Deschutes River	Spring River to North Unit Diversion Dam	Deschutes
OR_SR_1707030104_05_102628	Deschutes River	Spring River to North Unit Diversion Dam	Deschutes
OR_SR_1707030104_05_102628	Deschutes River	Spring River to North Unit Diversion Dam	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707030104_05_102628	Deschutes River	Spring River to North Unit Diversion Dam	Deschutes
OR_SR_1707030104_05_102628	Deschutes River	Spring River to North Unit Diversion Dam	Deschutes
OR_SR_1707030107_05_101714	Whychus Creek	Indian Ford Creek to confluence with Deschutes River	Deschutes
OR_SR_1707030107_05_101714	Whychus Creek	Indian Ford Creek to confluence with Deschutes River	Deschutes
OR_SR_1707030108_02_102627	Deschutes River	North Unit Diversion Dam to Whychus Creek	Deschutes
OR_SR_1707030108_02_102627	Deschutes River	North Unit Diversion Dam to Whychus Creek	Deschutes
OR_SR_1707030108_02_102627	Deschutes River	North Unit Diversion Dam to Whychus Creek	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707030109_05_101716	Metolius River	Canyon Creek to Jefferson Creek	Deschutes
OR_SR_1707030110_05_102624	Metolius River	Jefferson Creek to Spring Creek	Deschutes
OR_SR_1707030202_05_101719	Crescent Creek	Big Marsh Creek to Little Deschutes River	Deschutes
OR_SR_1707030203_05_101720	Little Deschutes River	Crescent Creek to Long Prairie Slough	Deschutes
OR_SR_1707030203_05_101720	Little Deschutes River	Crescent Creek to Long Prairie Slough	Deschutes
OR_SR_1707030207_05_101721	Little Deschutes River	Long Prairie Slough to confluence with Deschutes River	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707030207_05_101721	Little Deschutes River	Long Prairie Slough to confluence with Deschutes River	Deschutes
OR_SR_1707030207_05_101721	Little Deschutes River	Long Prairie Slough to confluence with Deschutes River	Deschutes
OR_SR_1707030304_05_101737	Twelvemile Creek	Norcross Creek to confluence with South Fork Crooked River	Deschutes
OR_SR_1707030307_05_101742	Beaver Creek	Tamarack Creek to Grindstone Creek	Deschutes
OR_SR_1707030309_05_101745	Wolf Creek	North Wolf Creek to confluence with Beaver Creek	Deschutes
OR_SR_1707030309_05_101746	Beaver Creek	Grindstone Creek to confluence with Crooked River	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707030309_05_101746	Beaver Creek	Grindstone Creek to confluence with Crooked River	Deschutes
OR_SR_1707030310_05_101749	South Fork Crooked River	Twelvemile Creek to confluence with Crooked River	Deschutes
OR_SR_1707030310_05_101749	South Fork Crooked River	Twelvemile Creek to confluence with Crooked River	Deschutes
OR_SR_1707030310_05_101749	South Fork Crooked River	Twelvemile Creek to confluence with Crooked River	Deschutes
OR_SR_1707030310_05_101749	South Fork Crooked River	Twelvemile Creek to confluence with Crooked River	Deschutes
OR_SR_1707030310_05_101749	South Fork Crooked River	Twelvemile Creek to confluence with Crooked River	Deschutes
OR_SR_1707030401_05_101759	Camp Creek	Clover Creek to confluence with Crooked River	Deschutes
OR_SR_1707030401_05_101759	Camp Creek	Clover Creek to confluence with Crooked River	Deschutes
OR_SR_1707030402_02_101763	Crooked River	South Fork Crooked River to Camp Creek	Deschutes
OR_SR_1707030402_02_101763	Crooked River	South Fork Crooked River to Camp Creek	Deschutes
OR_SR_1707030402_02_101764	Crooked River	Camp Creek to North Fork Crooked River	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707030402_02_101764	Crooked River	Camp Creek to North Fork Crooked River	Deschutes
OR_SR_1707030402_02_101764	Crooked River	Camp Creek to North Fork Crooked River	Deschutes
OR_SR_1707030403_05_102575	North Fork Crooked River	confluence of Johnson Creek and Howard Creek to Deep Creek	Deschutes
OR_SR_1707030403_05_102575	North Fork Crooked River	confluence of Johnson Creek and Howard Creek to Deep Creek	Deschutes
OR_SR_1707030403_05_102575	North Fork Crooked River	confluence of Johnson Creek and Howard Creek to Deep Creek	Deschutes
OR_SR_1707030403_05_102575	North Fork Crooked River	confluence of Johnson Creek and Howard Creek to Deep Creek	Deschutes
OR_SR_1707030403_05_102590	Howard Creek	Headwaters WA unit to Johnson Creek	Deschutes
OR_SR_1707030403_05_102590	Howard Creek	Headwaters WA unit to Johnson Creek	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707030404_05_101769	Deep Creek	Little Summit Creek to confluence with North Fork Crooked River	Deschutes
OR_SR_1707030404_05_101769	Deep Creek	Little Summit Creek to confluence with North Fork Crooked River	Deschutes
OR_SR_1707030405_05_101770	North Fork Crooked River	Deep Creek to confluence with Crooked River	Deschutes
OR_SR_1707030405_05_101770	North Fork Crooked River	Deep Creek to confluence with Crooked River	Deschutes
OR_SR_1707030406_02_101771	Crooked River	North Fork Crooked River to Eagle Creek	Deschutes
OR_SR_1707030406_02_101771	Crooked River	North Fork Crooked River to Eagle Creek	Deschutes
OR_SR_1707030406_02_101771	Crooked River	North Fork Crooked River to Eagle Creek	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707030406_02_101771	Crooked River	North Fork Crooked River to Eagle Creek	Deschutes
OR_SR_1707030406_05_102593	Horse Heaven Creek	Bonnieview Dam to confluence with Crooked River	Deschutes
OR_SR_1707030406_05_102593	Horse Heaven Creek	Bonnieview Dam to confluence with Crooked River	Deschutes
OR_SR_1707030406_05_102593	Horse Heaven Creek	Bonnieview Dam to confluence with Crooked River	Deschutes
OR_SR_1707030406_05_102594	Horse Heaven Creek	Headwaters WA Unit to Horse Heaven Reservoir	Deschutes
OR_SR_1707030407_05_101781	Bear Creek	Cow Creek to Prineville Reservoir	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707030407_05_101781	Bear Creek	Cow Creek to Prineville Reservoir	Deschutes
OR_SR_1707030407_05_101782	Cow Creek	Headwaters WA unit to confluence with Bear Creek	Deschutes
OR_SR_1707030408_02_101785	Crooked River	Eagle Creek to Prineville Reservoir	Deschutes
OR_SR_1707030408_02_101785	Crooked River	Eagle Creek to Prineville Reservoir	Deschutes
OR_SR_1707030501_02_101787	Crooked River	Prineville Reservoir to Dry Creek	Deschutes
OR_SR_1707030501_02_101787	Crooked River	Prineville Reservoir to Dry Creek	Deschutes
OR_SR_1707030501_02_101787	Crooked River	Prineville Reservoir to Dry Creek	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707030501_02_101787	Crooked River	Prineville Reservoir to Dry Creek	Deschutes
OR_SR_1707030502_05_101790	Ochoco Creek	Marks Creek to Duncan Creek	Deschutes
OR_SR_1707030502_05_102581	Marks Creek	Crystal Creek to Ochoco Creek	Deschutes
OR_SR_1707030502_05_102581	Marks Creek	Crystal Creek to Ochoco Creek confluence of East Fork Mill Creek and West Fork Mill Creek to confluence with	Deschutes
OR_SR_1707030503_05_101791	Mill Creek	Ochoco Creek	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707030503_05_101791	Mill Creek	confluence of East Fork Mill Creek and West Fork Mill Creek to confluence with Ochoco Creek	Deschutes
OR_SR_1707030503_05_101791	Mill Creek	confluence of East Fork Mill Creek and West Fork Mill Creek to confluence with Ochoco Creek	Deschutes
OR_SR_1707030504_05_101794	Ochoco Creek	Ochoco Dam to confluence with Crooked River	Deschutes
OR_SR_1707030504_05_101794	Ochoco Creek	Ochoco Dam to confluence with Crooked River	Deschutes
OR_SR_1707030504_05_101797	Ochoco Creek	Marks Creek to Polly Creek	Deschutes
OR_SR_1707030505_05_101798	Old Dry Creek	Headwaters WA unit to confluence with Allen Creek	Deschutes
OR_SR_1707030505_05_101799	McKay Creek	Headwaters WA Unit to Allen Creek	Deschutes
OR_SR_1707030505_05_102589	McKay Creek	Lofton Creek to confluence with Crooked River	Deschutes
OR_SR_1707030508_05_101804	Dry River	Headwaters WA unit to confluence with Crooked River	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707030508_05_101804	Dry River	Headwaters WA unit to confluence with Crooked River	Deschutes
OR_SR_1707030508_05_101804	Dry River	Headwaters WA unit to confluence with Crooked River	Deschutes
OR_SR_1707030508_05_101804	Dry River	Headwaters WA unit to confluence with Crooked River	Deschutes
OR_SR_1707030510_02_101806	Crooked River	Dry Creek to Lone Pine Creek	Deschutes
OR_SR_1707030510_02_101806	Crooked River	Dry Creek to Lone Pine Creek	Deschutes
OR_SR_1707030510_02_101806	Crooked River	Dry Creek to Lone Pine Creek	Deschutes
OR_SR_1707030510_02_101806	Crooked River	Dry Creek to Lone Pine Creek	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707030510_02_101806	Crooked River	Dry Creek to Lone Pine Creek	Deschutes
OR_SR_1707030511_02_101810	Crooked River	Lone Pine Creek to Opal Springs	Deschutes
OR_SR_1707030511_02_101810	Crooked River	Lone Pine Creek to Opal Springs	Deschutes
OR_SR_1707030511_02_101810	Crooked River	Lone Pine Creek to Opal Springs	Deschutes
OR_SR_1707030511_02_101810	Crooked River	Lone Pine Creek to Opal Springs	Deschutes
OR_SR_1707030511_02_101810	Crooked River	Lone Pine Creek to Opal Springs	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707030602_05_101812	Willow Creek	Newhill Creek to Lake Simtustus	Deschutes
OR_SR_1707030603_05_102625	Deschutes River	Pelton Regulating Dam to Warm Springs River	Deschutes
OR_SR_1707030603_05_102625	Deschutes River	Pelton Regulating Dam to Warm Springs River	Deschutes
OR_SR_1707030603_05_102625	Deschutes River	Pelton Regulating Dam to Warm Springs River	Deschutes
OR_SR_1707030607_05_101814	Bakeoven Creek	Cottonwood Creek to confluence with Deschutes River	Deschutes
OR_SR_1707030609_05_101819	Clear Creek	Frog Creek to confluence with White River	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707030609_05_101820	White River	Clear Creek to Tygh Creek	Deschutes
OR_SR_1707030609_05_101821	White River	Tygh Creek to confluence with Deschutes River	Deschutes
OR_SR_1707030610_05_101823	Buck Hollow Creek	Finnegan Creek to confluence with Deschutes River	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707030610_05_101824	Buck Hollow Creek	Macken Canyon to Finnegan Creek	Deschutes
OR_SR_1707030611_05_101828	Deschutes River	Warm Springs River to Buck Hollow Creek	Deschutes
OR_SR_1707030611_05_101828	Deschutes River	Warm Springs River to Buck Hollow Creek	Deschutes
OR_SR_1707030612_05_101830	Deschutes River	Buck Hollow Creek to confluence with Columbia River	Deschutes
OR_SR_1707030612_05_101830	Deschutes River	Buck Hollow Creek to confluence with Columbia River	Deschutes
OR_SR_1707030612_05_101830	Deschutes River	Buck Hollow Creek to confluence with Columbia River	Deschutes
OR_SR_1707030612_05_101830	Deschutes River	Buck Hollow Creek to confluence with Columbia River	Deschutes
OR_SR_1707030701_05_101832	Trout Creek	Foley Creek to Antelope Creek	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707030701_05_101832	Trout Creek	Foley Creek to Antelope Creek	Deschutes
OR_SR_1707030701_05_101832	Trout Creek	Foley Creek to Antelope Creek	Deschutes
OR_SR_1707030701_05_101833	Foley Creek	Big Log Creek to confluence with Trout Creek	Deschutes
OR_SR_1707030701_05_101833	Foley Creek	Big Log Creek to confluence with Trout Creek	Deschutes
OR_SR_1707030701_05_101834	Trout Creek	Opal Creek to Foley Creek	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707030701_05_101834	Trout Creek	Opal Creek to Foley Creek	Deschutes
OR_SR_1707030701_05_101834	Trout Creek	Opal Creek to Foley Creek	Deschutes
OR_SR_1707030702_05_101835	Antelope Creek	Ward Creek to confluence with Trout Creek	Deschutes
OR_SR_1707030705_05_101842	Trout Creek	Antelope Creek to confluence with Deschutes River	Deschutes
OR_SR_1707030705_05_101842	Trout Creek	Antelope Creek to confluence with Deschutes River	Deschutes

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1707030705_05_101842	Trout Creek	Antelope Creek to confluence with Deschutes River	Deschutes
OR_SR_1707030705_05_101842	Trout Creek	Antelope Creek to confluence with Deschutes River	Deschutes
OR_SR_1707030705_05_101842	Trout Creek	Antelope Creek to confluence with Deschutes River	Deschutes
OR_SR_1707030705_05_101842	Trout Creek	Antelope Creek to confluence with Deschutes River	Deschutes
OR_SR_1707030705_05_101842	Trout Creek	Antelope Creek to confluence with Deschutes River	Deschutes
OR_SR_1707030705_05_101842	Trout Creek	Antelope Creek to confluence with Deschutes River	Deschutes
OR_SR_1707030705_05_101842	Trout Creek	Antelope Creek to confluence with Deschutes River	Deschutes
OR_SR_1708000101_02_103595	Sandy River	Headwaters WA Unit to Clear Fork	Sandy
OR_SR_1708000101_02_103596	Clear Fork	Headwaters WA unit to confluence with Sandy River	Sandy

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000101_02_103597	Clear Creek	Little Clear Creek to confluence with Sandy River	Sandy
OR_SR_1708000101_02_103597	Clear Creek	Little Clear Creek to confluence with Sandy River	Sandy
OR_SR_1708000101_02_103599	Sandy River	Clear Fork to Zigzag River	Sandy
OR_SR_1708000101_02_103599	Sandy River	Clear Fork to Zigzag River	Sandy
OR_SR_1708000102_02_103600	Zigzag River	Still Creek to confluence with Sandy River	Sandy
OR_SR_1708000102_02_103601	Still Creek	Cool Creek to confluence with Zigzag River	Sandy
OR_SR_1708000102_02_103602	Zigzag River	Lady Creek to Still Creek	Sandy
OR_SR_1708000102_02_103602	Zigzag River	Lady Creek to Still Creek	Sandy
OR_SR_1708000103_02_103604	South Fork Salmon River	Mack Hall Creek to confluence with Salmon River	Sandy
OR_SR_1708000103_02_103604	South Fork Salmon River	Mack Hall Creek to confluence with Salmon River	Sandy
OR_SR_1708000103_02_103606	Salmon River	South Fork Salmon River to confluence with Sandy River	Sandy

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000103_02_103606	Salmon River	South Fork Salmon River to confluence with Sandy River	Sandy
OR_SR_1708000103_02_103606	Salmon River	South Fork Salmon River to confluence with Sandy River	Sandy
OR_SR_1708000104_02_103607	Cedar Creek	Beaver Creek to confluence with Sandy River	Sandy
OR_SR_1708000104_02_103607	Cedar Creek	Beaver Creek to confluence with Sandy River	Sandy
OR_SR_1708000104_02_103608	Sandy River	Zigzag River to Bull Run River	Sandy
OR_SR_1708000104_02_103608	Sandy River	Zigzag River to Bull Run River	Sandy
OR_SR_1708000104_02_103608	Sandy River	Zigzag River to Bull Run River	Sandy
OR_SR_1708000105_11_103609	Little Sandy River	Bow Creek to confluence with Bull Run River	Sandy
OR_SR_1708000105_11_103609	Little Sandy River	Bow Creek to confluence with Bull Run River	Sandy
OR_SR_1708000105_11_103609	Little Sandy River	Bow Creek to confluence with Bull Run River	Sandy
OR_SR_1708000105_11_103610	South Fork Bull Run River	Cedar Creek to Bull Run Reservoir Number Two	Sandy
OR_SR_1708000105_11_103611	Bull Run River	Bull Run Reservoir Number Two to confluence with Sandy River	Sandy

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000107_02_103612	Beaver Creek	confluence of North Fork Beaver Creek and South Fork Beaver Creek to confluence with Sandy River	Sandy
OR_SR_1708000107_02_103612	Beaver Creek	confluence of North Fork Beaver Creek and South Fork Beaver Creek to confluence with Sandy River	Sandy
OR_SR_1708000107_02_103612	Beaver Creek	confluence of North Fork Beaver Creek and South Fork Beaver Creek to confluence with Sandy River	Sandy
OR_SR_1708000107_02_103612	Beaver Creek	confluence of North Fork Beaver Creek and South Fork Beaver Creek to confluence with Sandy River	Sandy
OR_SR_1708000107_02_103612	Beaver Creek	confluence of North Fork Beaver Creek and South Fork Beaver Creek to confluence with Sandy River	Sandy
OR_SR_1708000107_02_103612	Beaver Creek	confluence of North Fork Beaver Creek and South Fork Beaver Creek to confluence with Sandy River	Sandy
OR_SR_1708000107_02_103616	Sandy River	Bull Run River to confluence with Columbia River	Sandy
OR_SR_1708000107_02_103616	Sandy River	Bull Run River to confluence with Columbia River	Sandy
OR_SR_1708000107_02_103617	Gordon Creek	Trout Creek to confluence with Sandy River	Sandy

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000108_88_100671	Columbia River	Bridal Veil Creek to Sandy River	Sandy
OR_SR_1708000108_88_100671	Columbia River	Bridal Veil Creek to Sandy River	Sandy
OR_SR_1708000108_88_100671	Columbia River	Bridal Veil Creek to Sandy River	Sandy

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000108_88_100671	Columbia River	Bridal Veil Creek to Sandy River	Sandy
OR_SR_1708000108_88_100671	Columbia River	Bridal Veil Creek to Sandy River	Sandy
OR_SR_1708000108_88_100671	Columbia River	Bridal Veil Creek to Sandy River	Sandy
OR_SR_1708000108_88_100672	Columbia River	Multnomah Creek to Bridal Veil Creek	Sandy
OR_SR_1708000108_88_100672	Columbia River	Multnomah Creek to Bridal Veil Creek	Sandy

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000108_88_100672	Columbia River	Multnomah Creek to Bridal Veil Creek	Sandy
OR_SR_1708000108_88_100672	Columbia River	Multnomah Creek to Bridal Veil Creek	Sandy
OR_SR_1708000108_88_100672	Columbia River	Multnomah Creek to Bridal Veil Creek	Sandy
OR_SR_1708000108_88_100672	Columbia River	Multnomah Creek to Bridal Veil Creek	Sandy
OR_SR_1708000108_88_100673	Columbia River (upstream from Multnomah Creek)	McCord Creek to Multnomah Creek	Columbia River

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000108_88_100673	Columbia River (upstream from Multnomah Creek)	McCord Creek to Multnomah Creek	Columbia River
OR_SR_1708000108_88_100673	Columbia River (upstream from Multnomah Creek)	McCord Creek to Multnomah Creek	Columbia River
OR_SR_1708000108_88_100673	Columbia River (upstream from Multnomah Creek)	McCord Creek to Multnomah Creek	Columbia River
OR_SR_1708000108_88_100673	Columbia River (upstream from Multnomah Creek)	McCord Creek to Multnomah Creek	Columbia River
OR_SR_1708000108_88_100673	Columbia River (upstream from Multnomah Creek)	McCord Creek to Multnomah Creek	Columbia River

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000108_88_100674	Columbia River (upstream from Pierce Island)	Eagle Creek to McCord Creek	Sandy
OR_SR_1708000108_88_100674	Columbia River (upstream from Pierce Island)	Eagle Creek to McCord Creek	Sandy
OR_SR_1708000108_88_100674	Columbia River (upstream from Pierce Island)	Eagle Creek to McCord Creek	Sandy

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000108_88_100674	Columbia River (upstream from Pierce Island)	Eagle Creek to McCord Creek	Sandy
OR_SR_1708000108_88_100674	Columbia River (upstream from Pierce Island)	Eagle Creek to McCord Creek	Sandy
OR_SR_1708000108_88_100674	Columbia River (upstream from Pierce Island)	Eagle Creek to McCord Creek	Sandy
OR_SR_1708000108_88_100674	Columbia River (upstream from Pierce Island)	Eagle Creek to McCord Creek	Sandy
OR_SR_1708000302_88_100669	Columbia River	Willamette River to Frogmore Slough	Willamette
OR_SR_1708000302_88_100669	Columbia River	Willamette River to Frogmore Slough	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000302_88_100669	Columbia River	Willamette River to Frogmore Slough	Willamette
OR_SR_1708000302_88_100669	Columbia River	Willamette River to Frogmore Slough	Willamette
OR_SR_1708000302_88_100669	Columbia River	Willamette River to Frogmore Slough	Willamette
OR_SR_1708000302_88_100669	Columbia River	Willamette River to Frogmore Slough	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000302_88_10067C	Columbia River	Sandy River to Willamette River	Columbia River
OR_SR_1708000302_88_10067C	Columbia River	Sandy River to Willamette River	Columbia River
OR_SR_1708000302_88_10067C	Columbia River	Sandy River to Willamette River	Columbia River

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000302_88_100670	Columbia River	Sandy River to Willamette River	Columbia River
OR_SR_1708000302_88_100670	Columbia River	Sandy River to Willamette River	Columbia River
OR_SR_1708000302_88_100670	Columbia River	Sandy River to Willamette River	Columbia River
OR_SR_1708000305_05_103619	Clatskanie River	Headwaters WA unit to Beaver Slough	North Coast
OR_SR_1708000305_05_103619	Clatskanie River	Headwaters WA unit to Beaver Slough	North Coast
OR_SR_1708000305_05_103619	Clatskanie River	Headwaters WA unit to Beaver Slough	North Coast
OR_SR_1708000305_05_103619	Clatskanie River	Headwaters WA unit to Beaver Slough	North Coast
OR_SR_1708000305_05_103691	Clatskanie River	Clatskanie River to Columbia River	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000305_05_103691	Clatskanie River	Clatskanie River to Columbia River	North Coast
OR_SR_1708000309_04_100662	Columbia River	Puget Island to Quinns Island	Columbia River

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000309_04_100662	Columbia River	Puget Island to Quinns Island	Columbia River
OR_SR_1708000309_04_100662	Columbia River	Puget Island to Quinns Island	Columbia River
OR_SR_1708000309_04_100662	Columbia River	Puget Island to Quinns Island	Columbia River

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000309_04_100662	Columbia River	Puget Island to Quinns Island	Columbia River
OR_SR_1708000309_04_100662	Columbia River	Puget Island to Quinns Island	Columbia River
OR_SR_1708000309_04_100662	Columbia River	Puget Island to Quinns Island	Columbia River
OR_SR_1708000309_04_100662	Columbia River	Puget Island to Quinns Island	Columbia River
OR_SR_1708000309_04_100662	Columbia River	Puget Island to Quinns Island	Columbia River
OR_SR_1708000309_04_100663	Columbia River	Wallace Slough to Puget Island	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000309_04_100663	Columbia River	Wallace Slough to Puget Island	North Coast
OR_SR_1708000309_04_100663	Columbia River	Wallace Slough to Puget Island	North Coast
OR_SR_1708000309_04_100663	Columbia River	Wallace Slough to Puget Island	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000309_04_100663	Columbia River	Wallace Slough to Puget Island	North Coast
OR_SR_1708000309_04_100663	Columbia River	Wallace Slough to Puget Island	North Coast
OR_SR_1708000309_04_100664	Columbia River	Mill Creek to Wallace Slough	Columbia River
OR_SR_1708000309_04_100664	Columbia River	Mill Creek to Wallace Slough	Columbia River

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000309_04_100664	Columbia River	Mill Creek to Wallace Slough	Columbia River
OR_SR_1708000309_04_100664	Columbia River	Mill Creek to Wallace Slough	Columbia River
OR_SR_1708000309_04_100664	Columbia River	Mill Creek to Wallace Slough	Columbia River
OR_SR_1708000309_04_100665	Columbia River	Green Creek to Mill Creek	North Coast
OR_SR_1708000309_04_100665	Columbia River	Green Creek to Mill Creek	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000309_04_100665	Columbia River	Green Creek to Mill Creek	North Coast
OR_SR_1708000309_04_100665	Columbia River	Green Creek to Mill Creek	North Coast
OR_SR_1708000309_04_100665	Columbia River	Green Creek to Mill Creek	North Coast
OR_SR_1708000309_04_100665	Columbia River	Green Creek to Mill Creek	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000309_04_100666	Columbia River	Owl Creek to Green Creek	North Coast
OR_SR_1708000309_04_100666	Columbia River	Owl Creek to Green Creek	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000309_04_100666	Columbia River	Owl Creek to Green Creek	North Coast
OR_SR_1708000309_04_100666	Columbia River	Owl Creek to Green Creek	North Coast
OR_SR_1708000309_04_100666	Columbia River	Owl Creek to Green Creek	North Coast
OR_SR_1708000309_04_100666	Columbia River	Owl Creek to Green Creek	North Coast
OR_SR_1708000309_04_100667	Columbia River	Kalama River to Owl Creek	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000309_04_100667	Columbia River	Kalama River to Owl Creek	North Coast
OR_SR_1708000309_04_100667	Columbia River	Kalama River to Owl Creek	North Coast
OR_SR_1708000309_04_100667	Columbia River	Kalama River to Owl Creek	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000309_04_100667	Columbia River	Kalama River to Owl Creek	North Coast
OR_SR_1708000309_04_100667	Columbia River	Kalama River to Owl Creek	North Coast
OR_SR_1708000309_04_100668	Columbia River	Tide Creek to Kalama River	North Coast
OR_SR_1708000309_04_100668	Columbia River	Tide Creek to Kalama River	North Coast
OR_SR_1708000309_04_100668	Columbia River	Tide Creek to Kalama River	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000309_04_10066E	Columbia River	Tide Creek to Kalama River	North Coast
OR_SR_1708000309_04_10066E	Columbia River	Tide Creek to Kalama River	North Coast
OR_SR_1708000309_04_10066E	Columbia River	Tide Creek to Kalama River	North Coast
OR_SR_1708000309_04_10067E	Columbia River	Frogmore Slough to Tide Creek	North Coast
OR_SR_1708000309_04_10067E	Columbia River	Frogmore Slough to Tide Creek	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000309_04_100675	Columbia River	Frogmore Slough to Tide Creek	North Coast
OR_SR_1708000309_04_100675	Columbia River	Frogmore Slough to Tide Creek	North Coast
OR_SR_1708000309_04_100675	Columbia River	Frogmore Slough to Tide Creek	North Coast
OR_SR_1708000309_04_100675	Columbia River	Frogmore Slough to Tide Creek	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000601_05_103685	Big Creek	Carmen Creek to confluence with confluence with Columbia River	North Coast
OR_SR_1708000601_05_103687	Gnat Creek	Headwaters WA unit to Rock Creek	North Coast
OR_SR_1708000602_05_100319	Lewis and Clark River	Johnson Slough to Youngs Bay	North Coast
OR_SR_1708000602_05_100322	Youngs River	confluence of North Fork Klaskanine River and South Fork Klaskanine River to Youngs Bay	North Coast
OR_SR_1708000602_05_100322	Youngs River	confluence of North Fork Klaskanine River and South Fork Klaskanine River to Youngs Bay	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000602_05_100322	Youngs River	confluence of North Fork Klaskanine River and South Fork Klaskanine River to Youngs Bay	North Coast
OR_SR_1708000602_05_100322	Youngs River	confluence of North Fork Klaskanine River and South Fork Klaskanine River to Youngs Bay	North Coast
OR_SR_1708000602_05_100324	Youngs River	Youngs River Falls to Klaskanine River	North Coast
OR_SR_1708000602_05_103678	Skipanon River	Old Skipanon Creek to confluence with Columbia River	North Coast
OR_SR_1708000602_05_103678	Skipanon River	Old Skipanon Creek to confluence with Columbia River	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1708000602_05_103678	Skipanon River	Old Skipanon Creek to confluence with Columbia River	North Coast
OR_SR_1708000602_05_103678	Skipanon River	Old Skipanon Creek to confluence with Columbia River	North Coast
OR_SR_1708000605_04_100325	Youngs Bay	Old Youngs Bay Bridge to Highway 101 (Youngs Bay Bridge)	North Coast
OR_SR_1709000101_02_103713	Middle Fork Willamette River	Swift Creek to Simpson Creek	Willamette
OR_SR_1709000102_02_103715	Hills Creek	Pinto Creek to Hills Creek Lake	Willamette
OR_SR_1709000102_02_103715	Hills Creek	Pinto Creek to Hills Creek Lake	Willamette
OR_SR_1709000103_02_103716	Salt Creek	South Fork Salt Creek to confluence with Middle Fork Willamette River	Willamette
OR_SR_1709000103_02_103716	Salt Creek	South Fork Salt Creek to confluence with Middle Fork Willamette River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000103_02_103716	Salt Creek	South Fork Salt Creek to confluence with Middle Fork Willamette River	Willamette
OR_SR_1709000103_02_103716	Salt Creek	South Fork Salt Creek to confluence with Middle Fork Willamette River	Willamette
OR_SR_1709000104_02_103719	Salmon Creek	Black Creek to confluence with Middle Fork Willamette River	Willamette
OR_SR_1709000104_02_103719	Salmon Creek	Black Creek to confluence with Middle Fork Willamette River	Willamette
OR_SR_1709000104_02_103719	Salmon Creek	Black Creek to confluence with Middle Fork Willamette River	Willamette
OR_SR_1709000105_02_103720	Middle Fork Willamette River	Salt Creek to North Fork Middle Fork Willamette River	Willamette
OR_SR_1709000105_02_104578	Packard Creek	Headwaters WA Unit to Packard Creek backwater	Willamette
OR_SR_1709000105_02_104579	Middle Fork Willamette River	Simpson Creek to Snow Creek	Willamette
OR_SR_1709000105_02_104580	Middle Fork Willamette River	Hills Creek Dam to Salt Creek	Willamette
OR_SR_1709000106_02_103721	North Fork Middle Fork Willamette River	Christy Creek to confluence with Middle Fork Willamette River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000106_02_103721	North Fork Middle Fork Willamette River	Christy Creek to confluence with Middle Fork Willamette River	Willamette
OR_SR_1709000106_02_103721	North Fork Middle Fork Willamette River	Christy Creek to confluence with Middle Fork Willamette River	Willamette
OR_SR_1709000106_02_103722	Christy Creek	Lowell Creek to confluence with North Fork Middle Fork Willamette River	Willamette
OR_SR_1709000106_02_103722	Christy Creek	Lowell Creek to confluence with North Fork Middle Fork Willamette River	Willamette
OR_SR_1709000106_02_103723	North Fork Middle Fork Willamette River	Headwaters WA Unit to Christy Creek	Willamette
OR_SR_1709000107_02_103725	Middle Fork Willamette River	North Fork Middle Fork Willamette River to Sweeney Creek	Willamette
OR_SR_1709000107_02_103725	Middle Fork Willamette River	North Fork Middle Fork Willamette River to Sweeney Creek	Willamette
OR_SR_1709000107_02_103727	Lost Creek	Headwaters WA unit to Gosage Creek	Willamette
OR_SR_1709000107_02_103727	Lost Creek	Headwaters WA unit to Gosage Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000107_02_103727	Lost Creek	Headwaters WA unit to Gosage Creek	Willamette
OR_SR_1709000107_02_103728	Lost Creek	Gosage Creek to confluence with Middle Fork Willamette River	Willamette
OR_SR_1709000107_02_103728	Lost Creek	Gosage Creek to confluence with Middle Fork Willamette River	Willamette
OR_SR_1709000107_02_103728	Lost Creek	Gosage Creek to confluence with Middle Fork Willamette River	Willamette
OR_SR_1709000107_02_103728	Lost Creek	Gosage Creek to confluence with Middle Fork Willamette River	Willamette
OR_SR_1709000107_02_103728	Lost Creek	Gosage Creek to confluence with Middle Fork Willamette River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000107_02_103728	Lost Creek	Gosage Creek to confluence with Middle Fork Willamette River	Willamette
OR_SR_1709000107_02_104583	Middle Fork Willamette River	Dexter Dam to Lost Creek	Willamette
OR_SR_1709000107_02_104583	Middle Fork Willamette River	Dexter Dam to Lost Creek	Willamette
OR_SR_1709000107_02_104583	Middle Fork Willamette River	Dexter Dam to Lost Creek Headwaters WA unit to Sturday	Willamette
OR_SR_1709000108_02_10373C	Little Fall Creek	Creek Headwaters WA unit to Sturday	Willamette
OR_SR_1709000108_02_10373C	Little Fall Creek	Creek	Willamette
OR_SR_1709000108_02_103732	Little Fall Creek	Sturdy Creek to confluence with Fall Creek	Willamette
OR_SR_1709000109_02_103734	Hehe Creek	Pernot Creek to confluence with Fall Creek	Willamette
OR_SR_1709000109_02_103735	Fall Creek	Fall Creek Dam to confluence with Middle Fork Willamette River	Willamette
OR_SR_1709000109_02_103735	Fall Creek	Fall Creek Dam to confluence with Middle Fork Willamette River	Willamette
OR_SR_1709000109_02_103736	Fall Creek	Saturn Creek to Delp Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000109_02_103736	Fall Creek	Saturn Creek to Delp Creek Portland Creek to Murphy Creek	Willamette
OR_SR_1709000109_02_103737	Fall Creek	Portland Creek to Murphy Creek	Willamette
OR_SR_1709000109_02_103737	Fall Creek	Portland Creek to Murphy Creek	Willamette
OR_SR_1709000109_02_103738	North Fork Winberry Creek	Traverse Creek to Brush Creek Logan Creek to confluence with Fall Creek	Willamette
OR_SR_1709000109_02_103741	Portland Creek	Fall Creek	Willamette
OR_SR_1709000109_02_103742	Logan Creek	PK Creek to confluence with Portland Creek	Willamette
OR_SR_1709000109_02_103743	Fall Creek	Delp Creek to Portland Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000109_02_103743	Fall Creek	Delp Creek to Portland Creek	Willamette
OR_SR_1709000109_02_103744	Portland Creek	Nevergo Creek to Logan Creek	Willamette
OR_SR_1709000109_02_103745	South Fork Winberry Creek	Cabin Creek to confluence with Winberry Creek	Willamette
OR_SR_1709000109_02_103747	Winberry Creek	confluence of North Fork Winberry Creek and South Fork Winberry Creek to Fall Creek Lake	Willamette
OR_SR_1709000109_02_103747	Winberry Creek	confluence of North Fork Winberry Creek and South Fork Winberry Creek to Fall Creek Lake	Willamette
OR_SR_1709000110_02_103748	Hills Creek	Wallace Creek to confluence with Middle Fork Willamette River	Willamette
OR_SR_1709000110_02_103748	Hills Creek	Wallace Creek to confluence with Middle Fork Willamette River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000110_02_103749	Hills Creek	Wallace Creek to confluence with Middle Fork Willamette River	Willamette
OR_SR_1709000110_02_104584	Middle Fork Willamette River	Fall Creek to confluence with Willamette River	Willamette
OR_SR_1709000110_02_104584	Middle Fork Willamette River	Fall Creek to confluence with Willamette River	Willamette
OR_SR_1709000110_02_104584	Middle Fork Willamette River	Fall Creek to confluence with Willamette River	Willamette
OR_SR_1709000110_02_104584	Middle Fork Willamette River	Fall Creek to confluence with Willamette River	Willamette
OR_SR_1709000201_02_103752	Mosby Creek	Middle Fork Mosby Creek to confluence with Row River	Willamette
OR_SR_1709000201_02_103752	Mosby Creek	Middle Fork Mosby Creek to confluence with Row River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000201_02_103752	Mosby Creek	Middle Fork Mosby Creek to confluence with Row River	Willamette
OR_SR_1709000202_02_103755	Sharps Creek	Martin Creek to confluence with Row River	Willamette
OR_SR_1709000202_02_103756	Martin Creek	Clark Creek to confluence with Sharps Creek	Willamette
OR_SR_1709000202_02_103761	Row River	confluence of Laying Creek and Brice Creek to Sharps Creek	Willamette
OR_SR_1709000202_02_103765	Laying Creek	Alex Creek to confluence with Row River	Willamette
OR_SR_1709000202_02_103766	Row River	Sharps Creek to Vaughn Creek	Willamette
OR_SR_1709000202_02_103766	Row River	Sharps Creek to Vaughn Creek	Willamette
OR_SR_1709000202_02_103771	Brice Creek	Grass Creek to confluence with Row River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000202_02_103775	Sharps Creek	Fairview Creek to Martin Creek	Willamette
OR_SR_1709000202_02_103776	Sharps Creek	Confluence of Puddin Creek and Bohemia Creek to Fairview Creek	Willamette
OR_SR_1709000202_02_103778	Fairview Creek	Cinge Creek to confluence with Sharps Creek	Willamette
OR_SR_1709000202_02_103779	Row River	Dorena Dam to confluence with Coast Fork Willamette River	Willamette
OR_SR_1709000202_02_103779	Row River	Dorena Dam to confluence with Coast Fork Willamette River	Willamette
OR_SR_1709000202_02_103779	Row River	Dorena Dam to confluence with Coast Fork Willamette River	Willamette
OR_SR_1709000202_02_103779	Row River	Dorena Dam to confluence with Coast Fork Willamette River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000203_02_103782	Silk Creek	Muslin Creek to confluence with Coast Fork Willamette River	Willamette
OR_SR_1709000203_02_103782	Silk Creek	Muslin Creek to confluence with Coast Fork Willamette River	Willamette
OR_SR_1709000203_02_104585	Coast Fork Willamette River	Cottage Grove Dam to Row River	Willamette
OR_SR_1709000203_02_104585	Coast Fork Willamette River	Cottage Grove Dam to Row River	Willamette
OR_SR_1709000203_02_104585	Coast Fork Willamette River	Cottage Grove Dam to Row River	Willamette
OR_SR_1709000203_02_104585	Coast Fork Willamette River	Cottage Grove Dam to Row River	Willamette
OR_SR_1709000203_02_104586	Coast Fork Willamette River	Big River to Cottage Grove Lake	Willamette
OR_SR_1709000204_02_103786	Camas Swale Creek	Skunk Creek to confluence with Coast Fork Willamette River	Willamette
OR_SR_1709000204_02_103786	Camas Swale Creek	Skunk Creek to confluence with Coast Fork Willamette River	Willamette
OR_SR_1709000204_02_103786	Camas Swale Creek	Skunk Creek to confluence with Coast Fork Willamette River	Willamette
OR_SR_1709000204_02_103787	Coast Fork Willamette River	Row River to confluence with Willamette River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000204_02_103787	Coast Fork Willamette River	Row River to confluence with Willamette River	Willamette
OR_SR_1709000204_02_103787	Coast Fork Willamette River	Row River to confluence with Willamette River	Willamette
OR_SR_1709000204_02_103787	Coast Fork Willamette River	Row River to confluence with Willamette River	Willamette
OR_SR_1709000204_02_103787	Coast Fork Willamette River	Row River to confluence with Willamette River	Willamette
OR_SR_1709000301_02_103788	Bear Creek	Owens Creek to confluence with Long Tom River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000301_02_10378E	Long Tom River	Poodle Creek to Fern Ridge Lake	Willamette
OR_SR_1709000301_02_10378E	Long Tom River	Poodle Creek to Fern Ridge Lake	Willamette
OR_SR_1709000301_02_10378E	Long Tom River	Poodle Creek to Fern Ridge Lake	Willamette
OR_SR_1709000301_02_10379C	Ferguson Creek	Davidson Creek to confluence with Long Tom River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000301_02_103790	Ferguson Creek	Davidson Creek to confluence with Long Tom River	Willamette
OR_SR_1709000301_02_103790	Ferguson Creek	Davidson Creek to confluence with Long Tom River	Willamette
OR_SR_1709000301_02_103791	Long Tom River	Fern Ridge Dam to confluence with Willamette River	Willamette
OR_SR_1709000301_02_103791	Long Tom River	Fern Ridge Dam to confluence with Willamette River	Willamette
OR_SR_1709000301_02_103791	Long Tom River	Fern Ridge Dam to confluence with Willamette River	Willamette
OR_SR_1709000301_02_103791	Long Tom River	Fern Ridge Dam to confluence with Willamette River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000301_02_103792	Long Tom River	Jones Creek to Poodle Creek	Willamette
OR_SR_1709000301_02_103792	Long Tom River	Jones Creek to Poodle Creek	Willamette
OR_SR_1709000301_02_103792	Long Tom River	Jones Creek to Poodle Creek	Willamette
OR_SR_1709000301_02_103794	Poodle Creek	Elk Creek to confluence with Long Tom River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000301_02_103794	Poodle Creek	Elk Creek to confluence with Long Tom River	Willamette
OR_SR_1709000301_02_103794	Poodle Creek	Elk Creek to confluence with Long Tom River	Willamette
OR_SR_1709000301_02_103796	Coyote Creek	Battle Creek to Warren Slough	Willamette
OR_SR_1709000301_02_103796	Coyote Creek	Battle Creek to Warren Slough	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000301_02_103796	Coyote Creek	Battle Creek to Warren Slough	Willamette
OR_SR_1709000301_02_103796	Coyote Creek	Doak Creek to Battle Creek	Willamette
OR_SR_1709000301_02_103796	Coyote Creek	Doak Creek to Battle Creek	Willamette
OR_SR_1709000301_02_103796	Coyote Creek	Doak Creek to Battle Creek	Willamette
OR_SR_1709000301_02_103801	Spencer Creek	Headwaters WA unit to confluence with Coyote Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000301_02_103801	Spencer Creek	Headwaters WA unit to confluence with Coyote Creek	Willamette
OR_SR_1709000301_02_103801	Spencer Creek	Headwaters WA unit to confluence with Coyote Creek	Willamette
OR_SR_1709000302_02_103804	Marys River	Lasky Creek to Greasy Creek	Willamette
OR_SR_1709000302_02_103806	Muddy Creek	Miller Creek to confluence with Marys River	Willamette
OR_SR_1709000302_02_103806	Muddy Creek	Miller Creek to confluence with Marys River	Willamette
OR_SR_1709000302_02_103806	Muddy Creek	Miller Creek to confluence with Marys River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000302_02_103806	Muddy Creek	Miller Creek to confluence with Marys River	Willamette
OR_SR_1709000302_02_103809	Beaver Creek	Duffy Creek to confluence with Muddy Creek	Willamette
OR_SR_1709000302_02_103812	Marys River	Muddy Creek to confluence with Willamette River	Willamette
OR_SR_1709000302_02_103812	Marys River	Muddy Creek to confluence with Willamette River	Willamette
OR_SR_1709000302_02_103812	Marys River	Muddy Creek to confluence with Willamette River	Willamette
OR_SR_1709000302_02_103812	Marys River	Muddy Creek to confluence with Willamette River	Willamette
OR_SR_1709000302_02_103813	Marys River	Greasy Creek to Muddy Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000302_02_103813	Marys River	Greasy Creek to Muddy Creek	Willamette
OR_SR_1709000302_02_103813	Marys River	Greasy Creek to Muddy Creek	Willamette
OR_SR_1709000303_02_103815	Calapooia River	United States Creek to Brush Creek	Willamette
OR_SR_1709000303_02_103815	Calapooia River	United States Creek to Brush Creek	Willamette
OR_SR_1709000303_02_103816	Calapooia River	Bickmore Creek to Shedd Slough	Willamette
OR_SR_1709000303_02_103816	Calapooia River	Bickmore Creek to Shedd Slough	Willamette
OR_SR_1709000303_02_103816	Calapooia River	Bickmore Creek to Shedd Slough	Willamette
OR_SR_1709000303_02_103816	Calapooia River	Bickmore Creek to Shedd Slough	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000303_02_103819	Courtney Creek	Headwaters WA unit to confluence with Calapooia River	Willamette
OR_SR_1709000303_02_103819	Courtney Creek	Headwaters WA unit to confluence with Calapooia River	Willamette
OR_SR_1709000304_02_103821	Calapooia River	Shedd Slough to confluence with Willamette River	Willamette
OR_SR_1709000304_02_103821	Calapooia River	Shedd Slough to confluence with Willamette River	Willamette
OR_SR_1709000304_02_103821	Calapooia River	Shedd Slough to confluence with Willamette River	Willamette
OR_SR_1709000304_02_103821	Calapooia River	Shedd Slough to confluence with Willamette River	Willamette
OR_SR_1709000305_02_103822	Little Luckiamute River	Headwaters WA unit to confluence with Luckiamute River	Willamette
OR_SR_1709000305_02_103824	Teal Creek	confluence of North Fork Teal Creek and South Fork Teal Creek to confluence with Little Luckiamute River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000305_02_103825	Miller Creek	Headwaters WA unit to confluence with Luckiamute River	Willamette
OR_SR_1709000305_02_103828	North Fork Pedee Creek	Headwaters WA unit to confluence with Luckiamute River	Willamette
OR_SR_1709000305_02_103829	Luckiamute River	Miller Creek to confluence with Willamette River	Willamette
OR_SR_1709000305_02_103829	Luckiamute River	Miller Creek to confluence with Willamette River	Willamette
OR_SR_1709000305_02_103829	Luckiamute River	Miller Creek to confluence with Willamette River	Willamette
OR_SR_1709000305_02_103832	Soap Creek	Writsman Brook to Luckiamute River	Willamette
OR_SR_1709000305_02_103832	Soap Creek	Writsman Brook to Luckiamute River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000305_02_103833	Ritner Creek	Sheythe Creek to Luckiamute River	Willamette
OR_SR_1709000306_02_103838	Muddy Creek	Headwaters WA unit to confluence with Willamette River	Willamette
OR_SR_1709000306_02_103838	Muddy Creek	Headwaters WA unit to confluence with Willamette River	Willamette
OR_SR_1709000306_02_103838	Muddy Creek	Headwaters WA unit to confluence with Willamette River	Willamette
OR_SR_1709000306_02_103842	Booneville Channel	Middle channel between Bear Island and West Fork Bonneville Channel	Willamette
OR_SR_1709000306_02_103844	Long Tom River	West channel of Willamette River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000306_02_103851	Spring Creek	West channel of Willamette River	Willamette
OR_SR_1709000306_05_103854	Willamette River	confluence of Middle Fork Willamette River and Coast Fork Willamette River to Luckiamute River	Willamette
OR_SR_1709000306_05_103854	Willamette River	confluence of Middle Fork Willamette River and Coast Fork Willamette River to Luckiamute River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000306_05_103854	Willamette River	confluence of Middle Fork Willamette River and Coast Fork Willamette River to Luckiamute River	Willamette
OR_SR_1709000306_05_103854	Willamette River	confluence of Middle Fork Willamette River and Coast Fork Willamette River to Luckiamute River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000306_05_103854	Willamette River	confluence of Middle Fork Willamette River and Coast Fork Willamette River to Luckiamute River	Willamette
OR_SR_1709000306_05_103854	Willamette River	confluence of Middle Fork Willamette River and Coast Fork Willamette River to Luckiamute River	Willamette
OR_SR_1709000306_05_103854	Willamette River	confluence of Middle Fork Willamette River and Coast Fork Willamette River to Luckiamute River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000306_05_103854	Willamette River	confluence of Middle Fork Willamette River and Coast Fork Willamette River to Luckiamute River	Willamette
OR_SR_1709000401_02_103855	Horse Creek	Separation Creek to confluence with McKenzie River	Willamette
OR_SR_1709000401_02_103856	Horse Creek	Headwaters WA unit to Separation Creek	Willamette
OR_SR_1709000403_02_103862	French Pete Creek	Headwaters WA unit to confluence with South Fork McKenzie River	Willamette
OR_SR_1709000403_02_103865	Augusta Creek	Headwaters WA unit to confluence with South Fork McKenzie River	Willamette
OR_SR_1709000403_02_104590	South Fork McKenzie River	Cougar Dam to confluence with McKenzie River	Willamette
OR_SR_1709000403_02_104590	South Fork McKenzie River	Cougar Dam to confluence with McKenzie River	Willamette
OR_SR_1709000404_02_104569	Lower Blue River	Blue River Dam to confluence with McKenzie River	Willamette
OR_SR_1709000404_02_104569	Lower Blue River	Blue River Dam to confluence with McKenzie River	Willamette
OR_SR_1709000404_02_104571	Lookout Creek	McRae Creek to Upper Blue River	Willamette
OR_SR_1709000404_02_104571	Lookout Creek	McRae Creek to Upper Blue River	Willamette
OR_SR_1709000404_02_104574	Upper Blue River	Quentin Creek to Mona Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000404_02_104576	Quentin Creek	Headwaters WA unit to confluence with Upper Blue River	Willamette
OR_SR_1709000404_02_104577	Upper Blue River	Mann Creek to Quentin Creek	Willamette
OR_SR_1709000405_02_103866	McKenzie River	Lower Blue River to Ennis Creek	Willamette
OR_SR_1709000405_02_103866	McKenzie River	Lower Blue River to Ennis Creek	Willamette
OR_SR_1709000406_02_103870	Mohawk River	Shotgun Creek to Mill Creek	Willamette
OR_SR_1709000406_02_103870	Mohawk River	Shotgun Creek to Mill Creek	Willamette
OR_SR_1709000406_02_103871	Mohawk River	Mill Creek to confluence with McKenzie River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000406_02_103871	Mohawk River	Mill Creek to confluence with McKenzie River	Willamette
OR_SR_1709000406_02_103871	Mohawk River	Mill Creek to confluence with McKenzie River	Willamette
OR_SR_1709000406_02_103872	Shotgun Creek	Owl Creek to confluence with McKenzie River	Willamette
OR_SR_1709000406_02_103873	Mill Creek	Headwaters WA unit to Deer Creek	Willamette
OR_SR_1709000406_02_103874	Mill Creek	Deer Creek to confluence with Mohawk River	Willamette
OR_SR_1709000406_02_103875	Cartwright Creek	Headwaters WA unit to confluence with Mohawk River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000406_02_103875	Cartwright Creek	Headwaters WA unit to confluence with Mohawk River	Willamette
OR_SR_1709000406_02_103877	Mohawk River	confluence of North Fork Mohawk River and South Fork Mohawk River to Shotgun Creek	Willamette
OR_SR_1709000406_02_103877	Mohawk River	confluence of North Fork Mohawk River and South Fork Mohawk River to Shotgun Creek	Willamette
OR_SR_1709000406_02_103877	Mohawk River	confluence of North Fork Mohawk River and South Fork Mohawk River to Shotgun Creek	Willamette
OR_SR_1709000406_02_103877	Mohawk River	confluence of North Fork Mohawk River and South Fork Mohawk River to Shotgun Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000406_02_103879	McGowan Creek	Headwaters WA unit to confluence with Mohawk River	Willamette
OR_SR_1709000406_02_103879	McGowan Creek	Headwaters WA unit to confluence with Mohawk River	Willamette
OR_SR_1709000407_02_103882	Deer Creek	confluence of East Fork Deer Creek and West Fork Deer Creek to confluence with McKenzie River	Willamette
OR_SR_1709000407_02_103882	Deer Creek	confluence of East Fork Deer Creek and West Fork Deer Creek to confluence with McKenzie River	Willamette
OR_SR_1709000407_02_103884	McKenzie River	Ennis Creek to confluence with Willamette River	Willamette
OR_SR_1709000407_02_103884	McKenzie River	Ennis Creek to confluence with Willamette River	Willamette
OR_SR_1709000407_02_103884	McKenzie River	Ennis Creek to confluence with Willamette River	Willamette
OR_SR_1709000407_02_103884	McKenzie River	Ennis Creek to confluence with Willamette River	Willamette
OR_SR_1709000407_02_103889	Camp Creek	Cougar Creek to confluence with McKenzie River	Willamette
OR_SR_1709000407_02_103891	Cedar Creek	Cougar Creek to confluence with McKenzie River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000501_02_103892	Breitenbush River	Confluence of North Fork Breitenbush River and South Fork Breitenbush River to Detroit Lake	Willamette
OR_SR_1709000501_02_103892	Breitenbush River	Confluence of North Fork Breitenbush River and South Fork Breitenbush River to Detroit Lake	Willamette
OR_SR_1709000501_02_103894	South Fork Breitenbush River	Headwaters WA Unit to confluence with Breitenbush River	Willamette
OR_SR_1709000502_02_103902	Boulder Creek	Headwaters WA unit to confluence with North Santiam River	Willamette
OR_SR_1709000503_02_103906	North Santiam River	Big Cliff Dam to Little North Santiam River	Willamette
OR_SR_1709000503_02_103906	North Santiam River	Big Cliff Dam to Little North Santiam River	Willamette
OR_SR_1709000503_02_103907	Blowout Creek	Ivy Creek to Detroit Lake	Willamette
OR_SR_1709000503_02_103909	Blowout Creek	Lost Creek to Ivy Creek	Willamette
OR_SR_1709000503_02_103909	Blowout Creek	Lost Creek to Ivy Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000505_02_103923	Elkhorn Creek	Big Twelve Creek to confluence with Little North Santiam River	Willamette
OR_SR_1709000505_02_104564	Little North Santiam River	Battle Ax Creek to confluence with North Santiam River	Willamette
OR_SR_1709000505_02_104564	Little North Santiam River	Battle Ax Creek to confluence with North Santiam River	Willamette
OR_SR_1709000505_02_104564	Little North Santiam River	Battle Ax Creek to confluence with North Santiam River	Willamette
OR_SR_1709000506_02_103925	South Santiam River	Foster Dam to North Santiam River	Willamette
OR_SR_1709000506_02_103925	South Santiam River	Foster Dam to North Santiam River	Willamette
OR_SR_1709000506_02_103925	South Santiam River	Foster Dam to North Santiam River	Willamette
OR_SR_1709000506_02_103925	South Santiam River	Foster Dam to North Santiam River	Willamette
OR_SR_1709000506_02_103926	Chehulpum Creek	Sidney Ditch to confluence with Santiam River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000506_02_103927	Santiam River	confluence of North Santiam River and South Santiam River to confluence with Willamette River	Willamette
OR_SR_1709000506_02_103927	Santiam River	confluence of North Santiam River and South Santiam River to confluence with Willamette River	Willamette
OR_SR_1709000506_02_103927	Santiam River	confluence of North Santiam River and South Santiam River to confluence with Willamette River	Willamette
OR_SR_1709000506_02_103928	Bear Branch	Headwaters WA unit to confluence with North Santiam River	Willamette
OR_SR_1709000506_02_103929	Stout Creek	Shellburg Creek to confluence with North Santiam River	Willamette
OR_SR_1709000506_02_103930	North Santiam River	Little North Santiam River to South Santiam River	Willamette
OR_SR_1709000506_02_103930	North Santiam River	Little North Santiam River to South Santiam River	Willamette
OR_SR_1709000506_02_103930	North Santiam River	Little North Santiam River to South Santiam River	Willamette
OR_SR_1709000506_02_103930	North Santiam River	Little North Santiam River to South Santiam River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000601_02_103933	Swamp Creek	Headwaters WA unit to confluence with Middle Santiam River	Willamette
OR_SR_1709000601_02_103934	Middle Santiam River	Pyramid Creek to Bear Creek	Willamette
OR_SR_1709000601_02_103934	Middle Santiam River	Pyramid Creek to Bear Creek Single Creek to confluence with	Willamette
OR_SR_1709000601_02_103935	Pyramid Creek	Middle Santiam River	Willamette
OR_SR_1709000601_02_103936	Middle Santiam River	Headwaters WA unit to Pyramid Creek	Willamette
OR_SR_1709000601_02_103938	Middle Santiam River	Bear Creek to Elk Creek	Willamette
OR_SR_1709000602_02_103941	Owl Creek	Boundary Creek to confluence with Canyon Creek Headwaters WA unit to confluence with South Santiam River	Willamette
OR_SR_1709000602_02_103942	Trout Creek		Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000602_02_103947	Soda Fork	Headwaters WA unit to confluence with South Santiam River	Willamette
OR_SR_1709000602_02_103948	Two Girls Creek	Headwaters WA unit to confluence with Canyon Creek	Willamette
OR_SR_1709000602_02_103949	Canyon Creek	Two Girls Creek to confluence with South Santiam River	Willamette
OR_SR_1709000602_02_103950	South Santiam River	Headwaters WA unit to Canyon Creek	Willamette
OR_SR_1709000602_02_103950	South Santiam River	Headwaters WA unit to Canyon Creek	Willamette
OR_SR_1709000602_02_103953	Sheep Creek	Headwaters WA unit to confluence with South Santiam River	Willamette
OR_SR_1709000602_02_103954	Moose Creek	Headwaters WA unit to confluence with South Santiam River	Willamette
OR_SR_1709000602_02_103954	Moose Creek	Headwaters WA unit to confluence with South Santiam River	Willamette
OR_SR_1709000602_02_103955	Latiwi Creek	Headwaters WA unit to Sevenmile Creek	Willamette
OR_SR_1709000603_02_103957	Quartzville Creek	No Man Creek to Canal Creek	Willamette
OR_SR_1709000603_02_103960	Quartzville Creek	Elk Creek to Green Peter Lake	Willamette
OR_SR_1709000603_02_103965	Middle Santiam River	Elk Creek to Green Peter Lake	Willamette
OR_SR_1709000604_02_103968	South Santiam River	Canyon Creek to Foster Lake	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000604_02_103968	South Santiam River	Canyon Creek to Foster Lake	Willamette
OR_SR_1709000604_02_103969	Middle Santiam River	Green Peter Dam to Foster Lake	Willamette
OR_SR_1709000605_02_103971	Wiley Creek	Little Wiley Creek to confluence with South Santiam River	Willamette
OR_SR_1709000605_02_103971	Wiley Creek	Little Wiley Creek to confluence with South Santiam River	Willamette
OR_SR_1709000605_02_103972	Wiley Creek	Headwaters WA unit to Little Wiley Creek	Willamette
OR_SR_1709000605_02_103972	Wiley Creek	Headwaters WA unit to Little Wiley Creek	Willamette
OR_SR_1709000606_02_103973	Beaver Creek	South Fork Beaver Creek to confluence with Crabtree Creek	Willamette
OR_SR_1709000606_02_103973	Beaver Creek	South Fork Beaver Creek to confluence with Crabtree Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000606_02_103974	Roaring River	South Roaring River to confluence with Crabtree Creek White Rock Creek to confluence with South Santiam River	Willamette
OR_SR_1709000606_02_103978	Crabtree Creek	South Roaring River to confluence with Crabtree Creek White Rock Creek to confluence with South Santiam River	Willamette
OR_SR_1709000606_02_103978	Crabtree Creek	White Rock Creek to confluence with South Santiam River	Willamette
OR_SR_1709000607_02_103985	South Fork Neal Creek	Headwaters WA unit to Bilyeu Creek	Willamette
OR_SR_1709000607_02_103986	Bilyeu Creek	South Fork Neal Creek to confluence with Thomas Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000607_02_103988	Thomas Creek	Bilyeu Creek to confluence with South Santiam River	Willamette
OR_SR_1709000607_02_103988	Thomas Creek	Bilyeu Creek to confluence with South Santiam River	Willamette
OR_SR_1709000607_02_103989	Bilyeu Creek	Headwaters WA Unit to South Fork Neal Creek	Willamette
OR_SR_1709000607_02_103991	Thomas Creek	Headwaters WA unit to Bilyeu Creek	Willamette
OR_SR_1709000607_02_103991	Thomas Creek	Headwaters WA unit to Bilyeu Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000608_02_103993	Hamilton Creek	Headwaters WA unit to Scott Creek	Willamette
OR_SR_1709000608_02_103993	Hamilton Creek	Headwaters WA unit to Scott Creek	Willamette
OR_SR_1709000608_02_103994	McDowell Creek	confluence of Morgan Creek and Johnson Creek to confluence with South Santiam River	Willamette
OR_SR_1709000608_02_103996	Hamilton Creek	Scott Creek to confluence with South Santiam River	Willamette
OR_SR_1709000608_02_103996	Hamilton Creek	Scott Creek to confluence with South Santiam River	Willamette
OR_SR_1709000608_02_103996	Hamilton Creek	Scott Creek to confluence with South Santiam River	Willamette
OR_SR_1709000608_02_103997	Scott Creek	South Fork Scott Creek to confluence with Hamilton Creek	Willamette
OR_SR_1709000701_02_103999	Bashaw Creek	Chehulpum Creek to confluence with Willamette River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000701_02_104591	Rickreall Creek	Mercer Dam to confluence with Willamette River	Willamette
OR_SR_1709000701_02_104591	Rickreall Creek	Mercer Dam to confluence with Willamette River	Willamette
OR_SR_1709000701_02_104592	Rickreall Creek	tributary to Rickreall Creek to Aaron Mercer Reservoir	Willamette
OR_SR_1709000701_05_104005	Willamette River	Luckiamute River to Rickreall Creek	Willamette
OR_SR_1709000701_05_104005	Willamette River	Luckiamute River to Rickreall Creek	Willamette
OR_SR_1709000701_05_104005	Willamette River	Luckiamute River to Rickreall Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000701_05_104005	Willamette River	Luckiamute River to Rickreall Creek	Willamette
OR_SR_1709000701_05_104005	Willamette River	Luckiamute River to Rickreall Creek	Willamette
OR_SR_1709000701_05_104005	Willamette River	Luckiamute River to Rickreall Creek	Willamette
OR_SR_1709000702_02_104007	Mill Creek	McKinney Creek to confluence with Willamette River	Willamette
OR_SR_1709000702_02_104007	Mill Creek	McKinney Creek to confluence with Willamette River	Willamette
OR_SR_1709000702_02_104007	Mill Creek	McKinney Creek to confluence with Willamette River	Willamette
OR_SR_1709000702_02_104007	Mill Creek	McKinney Creek to confluence with Willamette River	Willamette
OR_SR_1709000703_02_104008	Shelton Ditch	Mill Creek to confluence with Pringle Creek	Willamette
OR_SR_1709000703_02_104008	Chehalem Creek	Headwaters WA unit to confluence with Willamette River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000703_04_104013	Willamette River	Willamette Slough to Chehalem Creek	Willamette
OR_SR_1709000703_04_104013	Willamette River	Willamette Slough to Chehalem Creek	Willamette
OR_SR_1709000703_04_104013	Willamette River	Willamette Slough to Chehalem Creek	Willamette
OR_SR_1709000703_04_104013	Willamette River	Willamette Slough to Chehalem Creek	Willamette
OR_SR_1709000703_04_104013	Willamette River	Willamette Slough to Chehalem Creek	Willamette
OR_SR_1709000703_04_104013	Willamette River	Willamette Slough to Chehalem Creek	Willamette
OR_SR_1709000703_05_104014	Willamette River	Rickreall Creek to Willamette Slough	Willamette
OR_SR_1709000703_05_104014	Willamette River	Rickreall Creek to Willamette Slough	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000703_88_104015	Willamette River	Chehalem Creek to Champoeg Creek	Willamette
OR_SR_1709000703_88_104015	Willamette River	Chehalem Creek to Champoeg Creek	Willamette
OR_SR_1709000703_88_104015	Willamette River	Chehalem Creek to Champoeg Creek	Willamette
OR_SR_1709000703_88_104015	Willamette River	Chehalem Creek to Champoeg Creek	Willamette
OR_SR_1709000704_02_104017	Abernethy Creek	Holcomb Creek to confluence with Willamette River	Willamette
OR_SR_1709000704_02_104017	Abernethy Creek	Holcomb Creek to confluence with Willamette River	Willamette
OR_SR_1709000704_02_104017	Abernethy Creek	Holcomb Creek to confluence with Willamette River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000704_02_104018	Tualatin River	McFee Creek to confluence with Willamette River	Willamette
OR_SR_1709000704_02_104018	Tualatin River	McFee Creek to confluence with Willamette River	Willamette
OR_SR_1709000704_02_104594	Abernethy Creek	Mompano Dam to Holcomb Creek	Willamette
OR_SR_1709000704_02_104594	Abernethy Creek	Mompano Dam to Holcomb Creek	Willamette
OR_SR_1709000704_02_104597	Clackamas River	Wade Creek to confluence with Willamette River	Willamette
OR_SR_1709000704_02_104597	Clackamas River	Wade Creek to confluence with Willamette River	Willamette
OR_SR_1709000704_02_104597	Clackamas River	Wade Creek to confluence with Willamette River	Willamette
OR_SR_1709000704_02_104597	Clackamas River	Wade Creek to confluence with Willamette River	Willamette
OR_SR_1709000704_88_104018	Willamette River	Clackamas River to Johnson Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000704_88_104019	Willamette River	Clackamas River to Johnson Creek	Willamette
OR_SR_1709000704_88_104019	Willamette River	Clackamas River to Johnson Creek	Willamette
OR_SR_1709000704_88_104019	Willamette River	Clackamas River to Johnson Creek	Willamette
OR_SR_1709000704_88_104019	Willamette River	Clackamas River to Johnson Creek	Willamette
OR_SR_1709000704_88_104019	Willamette River	Clackamas River to Johnson Creek	Willamette
OR_SR_1709000704_88_104019	Willamette River	Clackamas River to Johnson Creek	Willamette
OR_SR_1709000704_88_104019	Willamette River	Clackamas River to Johnson Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000704_88_104019	Willamette River	Clackamas River to Johnson Creek	Willamette
OR_SR_1709000704_88_104019	Willamette River	Clackamas River to Johnson Creek	Willamette
OR_SR_1709000704_88_104019	Willamette River	Clackamas River to Johnson Creek	Willamette
OR_SR_1709000704_88_104019	Willamette River	Clackamas River to Johnson Creek	Willamette
OR_SR_1709000704_88_104019	Willamette River	Clackamas River to Johnson Creek	Willamette
OR_SR_1709000704_88_104020	Willamette River	Champoeg Creek to Clackamas River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000704_88_104020	Willamette River	Champoeg Creek to Clackamas River	Willamette
OR_SR_1709000704_88_104020	Willamette River	Champoeg Creek to Clackamas River	Willamette
OR_SR_1709000704_88_104020	Willamette River	Champoeg Creek to Clackamas River	Willamette
OR_SR_1709000704_88_104020	Willamette River	Champoeg Creek to Clackamas River	Willamette
OR_SR_1709000704_88_104020	Willamette River	Champoeg Creek to Clackamas River	Willamette
OR_SR_1709000704_88_104020	Willamette River	Champoeg Creek to Clackamas River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000704_88_104020	Willamette River	Champoeg Creek to Clackamas River	Willamette
OR_SR_1709000704_88_104020	Willamette River	Champoeg Creek to Clackamas River	Willamette
OR_SR_1709000704_88_104020	Willamette River	Champoeg Creek to Clackamas River	Willamette
OR_SR_1709000801_02_104025	Willamina Creek	Tributary to Willamina Creek to East Creek	Willamette
OR_SR_1709000801_02_104025	Willamina Creek	Tributary to Willamina Creek to East Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000801_02_104025	Willamina Creek	Tributary to Willamina Creek to East Creek	Willamette
OR_SR_1709000801_02_104026	Coast Creek	Canada Creek to confluence with Willamina Creek	Willamette
OR_SR_1709000801_02_104026	Coast Creek	Canada Creek to confluence with Willamina Creek	Willamette
OR_SR_1709000801_02_104028	Willamina Creek	East Creek to confluence with South Yamhill River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000801_02_104028	Willamina Creek	East Creek to confluence with South Yamhill River	Willamette
OR_SR_1709000801_02_104028	Willamina Creek	East Creek to confluence with South Yamhill River	Willamette
OR_SR_1709000801_02_104028	Willamina Creek	East Creek to confluence with South Yamhill River	Willamette
OR_SR_1709000801_02_104028	Willamina Creek	East Creek to confluence with South Yamhill River	Willamette
OR_SR_1709000801_02_104028	Willamina Creek	East Creek to confluence with South Yamhill River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000801_02_10402E	Willamina Creek	East Creek to confluence with South Yamhill River	Willamette
OR_SR_1709000801_02_10403C	Coast Creek	Headwaters WA Unit to Canada Creek	Willamette
OR_SR_1709000801_02_10403C	Coast Creek	Headwaters WA Unit to Canada Creek	Willamette
OR_SR_1709000801_02_104031	Willamina Creek	Cedar Creek to Tributary to Willamina Creek	Willamette
OR_SR_1709000801_02_104031	Willamina Creek	Cedar Creek to Tributary to Willamina Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000801_02_104031	Willamina Creek	Cedar Creek to Tributary to Willamina Creek	Willamette
OR_SR_1709000802_02_104033	South Yamhill River	Pierce Creek to Agency Creek	Willamette
OR_SR_1709000802_02_104034	South Yamhill River	Willamina Creek to Salt Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000802_02_104034	South Yamhill River	Willamina Creek to Salt Creek	Willamette
OR_SR_1709000802_02_104034	South Yamhill River	Willamina Creek to Salt Creek	Willamette
OR_SR_1709000802_02_104034	South Yamhill River	Willamina Creek to Salt Creek	Willamette
OR_SR_1709000802_02_104034	South Yamhill River	Willamina Creek to Salt Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000802_02_104034	South Yamhill River	Willamina Creek to Salt Creek Headwaters WA unit to confluence with South Yamhill River	Willamette
OR_SR_1709000802_02_104035	Rock Creek		Willamette
OR_SR_1709000802_02_104603	South Yamhill River	Agency Creek to Willamina Creek	Willamette
OR_SR_1709000802_02_104603	South Yamhill River	Agency Creek to Willamina Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000802_02_104603	South Yamhill River	Agency Creek to Willamina Creek	Willamette
OR_SR_1709000803_02_104037	Mill Creek	Cedar Creek to confluence with South Yamhill River	Willamette
OR_SR_1709000803_02_104037	Mill Creek	Cedar Creek to confluence with South Yamhill River	Willamette
OR_SR_1709000803_02_104037	Mill Creek	Cedar Creek to confluence with South Yamhill River	Willamette
OR_SR_1709000803_02_104037	Mill Creek	Cedar Creek to confluence with South Yamhill River	Willamette
OR_SR_1709000803_02_104037	Mill Creek	Cedar Creek to confluence with South Yamhill River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000803_02_104039	Gooseneck Creek	Rowell Creek to confluence with Mill Creek	Willamette
OR_SR_1709000803_02_104039	Gooseneck Creek	Rowell Creek to confluence with Mill Creek	Willamette
OR_SR_1709000803_02_104039	Gooseneck Creek	Rowell Creek to confluence with Mill Creek	Willamette
OR_SR_1709000803_02_104039	Gooseneck Creek	Rowell Creek to confluence with Mill Creek	Willamette
OR_SR_1709000804_02_104043	Muddy Creek	confluence of East Fork Muddy Creek and Middle Fork Muddy Creek to confluence with Deer Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000804_02_104043	Muddy Creek	confluence of East Fork Muddy Creek and Middle Fork Muddy Creek to confluence with Deer Creek	Willamette
OR_SR_1709000804_02_104046	Deer Creek	Headwaters WA Unit to Gill Creek	Willamette
OR_SR_1709000804_02_104046	Deer Creek	Headwaters WA Unit to Gill Creek	Willamette
OR_SR_1709000804_02_104046	Deer Creek	Headwaters WA Unit to Gill Creek	Willamette
OR_SR_1709000804_02_104047	Deer Creek	Gill Creek to confluence with South Yamhill River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000804_02_104047	Deer Creek	Gill Creek to confluence with South Yamhill River	Willamette
OR_SR_1709000804_02_104047	Deer Creek	Gill Creek to confluence with South Yamhill River	Willamette
OR_SR_1709000804_02_104047	Deer Creek	Gill Creek to confluence with South Yamhill River	Willamette
OR_SR_1709000804_02_104047	Deer Creek	Gill Creek to confluence with South Yamhill River	Willamette
OR_SR_1709000805_02_104049	Salt Creek	Hoekstre Slough to Ash Swale	Willamette
OR_SR_1709000805_02_104049	Salt Creek	Hoekstre Slough to Ash Swale	Willamette
OR_SR_1709000805_02_104049	Salt Creek	Hoekstre Slough to Ash Swale	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000805_02_104049	Salt Creek	Hoekstre Slough to Ash Swale	Willamette
OR_SR_1709000805_02_104049	Salt Creek	Hoekstre Slough to Ash Swale	Willamette
OR_SR_1709000805_02_104050	Salt Creek	Ash Swale to confluence with South Yamhill River	Willamette
OR_SR_1709000805_02_104050	Salt Creek	Ash Swale to confluence with South Yamhill River	Willamette
OR_SR_1709000805_02_104050	Salt Creek	Ash Swale to confluence with South Yamhill River	Willamette
OR_SR_1709000805_02_104050	Salt Creek	Ash Swale to confluence with South Yamhill River	Willamette
OR_SR_1709000805_02_104050	Salt Creek	Ash Swale to confluence with South Yamhill River	Willamette
OR_SR_1709000805_02_104050	Salt Creek	Ash Swale to confluence with South Yamhill River	Willamette
OR_SR_1709000806_02_104051	Turner Creek	Hay Creek to confluence with North Yamhill River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000806_02_104051	Turner Creek	Hay Creek to confluence with North Yamhill River	Willamette
OR_SR_1709000806_02_104052	North Yamhill River	Haskins Creek to Panther Creek	Willamette
OR_SR_1709000806_02_104052	North Yamhill River	Haskins Creek to Panther Creek	Willamette
OR_SR_1709000806_02_104052	North Yamhill River	Haskins Creek to Panther Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000806_02_104052	North Yamhill River	Haskins Creek to Panther Creek	Willamette
OR_SR_1709000806_02_104052	North Yamhill River	Haskins Creek to Panther Creek	Willamette
OR_SR_1709000806_02_104052	North Yamhill River	Haskins Creek to Panther Creek	Willamette
OR_SR_1709000806_02_104052	Baker Creek	Slide Mountain Creek to Panther Creek	Willamette
OR_SR_1709000806_02_104052	Baker Creek	Slide Mountain Creek to Panther Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000806_02_104055	Baker Creek	Slide Mountain Creek to Panther Creek	Willamette
OR_SR_1709000806_02_104055	Baker Creek	Slide Mountain Creek to Panther Creek	Willamette
OR_SR_1709000806_02_104055	Yamhill Creek	Stag Hollow Creek to confluence with North Yamhill River	Willamette
OR_SR_1709000806_02_104055	Yamhill Creek	Stag Hollow Creek to confluence with North Yamhill River	Willamette
OR_SR_1709000806_02_104055	Yamhill Creek	Stag Hollow Creek to confluence with North Yamhill River	Willamette
OR_SR_1709000806_02_104055	Yamhill Creek	Stag Hollow Creek to confluence with North Yamhill River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000806_02_104057	North Yamhill River	Panther Creek to South Yamhill River	Willamette
OR_SR_1709000806_02_104057	North Yamhill River	Panther Creek to South Yamhill River	Willamette
OR_SR_1709000806_02_104057	North Yamhill River	Panther Creek to South Yamhill River	Willamette
OR_SR_1709000806_02_104057	North Yamhill River	Panther Creek to South Yamhill River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000806_02_10405E	Panther Creek	Headwaters WA Unit to Baker Creek	Willamette
OR_SR_1709000806_02_10405E	Panther Creek	Headwaters WA Unit to Baker Creek	Willamette
OR_SR_1709000806_02_10405E	Panther Creek	Headwaters WA Unit to Baker Creek	Willamette
OR_SR_1709000806_02_10405E	Panther Creek	Headwaters WA Unit to Baker Creek	Willamette
OR_SR_1709000807_02_10406C	South Yamhill River	North Yamhill River to Salt Creek	Willamette
OR_SR_1709000807_02_10406C	South Yamhill River	North Yamhill River to Salt Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000807_02_104061	Yamhill River	Confluence of North Yamhill River and South Yamhill River to confluence with Willamette River	Willamette
OR_SR_1709000807_02_104061	Yamhill River	Confluence of North Yamhill River and South Yamhill River to confluence with Willamette River	Willamette
OR_SR_1709000901_02_104062	Abiqua Creek	Headwaters WA Unit to confluence with Pudding River	Willamette
OR_SR_1709000901_02_104062	Abiqua Creek	Headwaters WA Unit to confluence with Pudding River	Willamette
OR_SR_1709000901_02_104064	Pudding River	Silver Creek to Little Pudding River	Willamette
OR_SR_1709000901_02_104064	Pudding River	Silver Creek to Little Pudding River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000901_02_104064	Pudding River	Silver Creek to Little Pudding River	Willamette
OR_SR_1709000901_02_104066	South Fork Silver Creek	Smith Creek to North Fork Silver Creek	Willamette
OR_SR_1709000901_02_104067	Pudding River	Drift Creek to Silver Creek	Willamette
OR_SR_1709000901_02_104067	Pudding River	Drift Creek to Silver Creek	Willamette
OR_SR_1709000901_02_104067	Pudding River	Drift Creek to Silver Creek	Willamette
OR_SR_1709000901_02_104068	Little Pudding River	Fruitland Creek to confluence with Pudding River	Willamette
OR_SR_1709000901_02_104068	Little Pudding River	Fruitland Creek to confluence with Pudding River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000901_02_10406E	Little Pudding River	Fruitland Creek to confluence with Pudding River	Willamette
OR_SR_1709000901_02_10406E	Little Pudding River	Fruitland Creek to confluence with Pudding River	Willamette
OR_SR_1709000901_02_10406E	Little Pudding River	Fruitland Creek to confluence with Pudding River	Willamette
OR_SR_1709000901_02_10406E	Drift Creek	Lorence Reservoir to confluence with Pudding River	Willamette
OR_SR_1709000901_02_10406E	Drift Creek	Lorence Reservoir to confluence with Pudding River	Willamette
OR_SR_1709000901_02_10406E	Drift Creek	Lorence Reservoir to confluence with Pudding River	Willamette
OR_SR_1709000901_02_10459E	Silver Creek	Silver Creek Reservoir to confluence with Pudding River	Willamette
OR_SR_1709000901_02_10459E	Silver Creek	Silver Creek Reservoir to confluence with Pudding River	Willamette
OR_SR_1709000901_02_10459E	Silver Creek	Silver Creek Reservoir to confluence with Pudding River	Willamette
OR_SR_1709000901_02_10459E	Silver Creek	Silver Creek Reservoir to confluence with Pudding River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000901_02_104596	Silver Creek	Confluence of North Fork Silver Creek and South Fork Silver Creek to Silver Creek Reservoir	Willamette
OR_SR_1709000902_02_104070	Butte Creek	Fall Creek to Coak Creek	Willamette
OR_SR_1709000902_02_104072	Butte Creek	Coal Creek to confluence with Pudding River	Willamette
OR_SR_1709000902_02_104072	Butte Creek	Coal Creek to confluence with Pudding River	Willamette
OR_SR_1709000902_02_104072	Butte Creek	Coal Creek to confluence with Pudding River	Willamette
OR_SR_1709000902_02_104072	Butte Creek	Coal Creek to confluence with Pudding River	Willamette
OR_SR_1709000902_02_104073	Pudding River	Little Pudding River to Rock Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000902_02_104073	Pudding River	Little Pudding River to Rock Creek	Willamette
OR_SR_1709000902_02_104073	Pudding River	Little Pudding River to Rock Creek	Willamette
OR_SR_1709000904_02_104086	Molalla River	Henry Creek to North Fork Molalla River	Willamette
OR_SR_1709000904_02_104086	Molalla River	Henry Creek to North Fork Molalla River	Willamette
OR_SR_1709000904_02_104086	Molalla River	Henry Creek to North Fork Molalla River	Willamette
OR_SR_1709000904_02_104087	Table Rock Fork	Lost Creek to confluence with Molalla River	Willamette
OR_SR_1709000904_02_104087	Table Rock Fork	Lost Creek to confluence with Molalla River	Willamette
OR_SR_1709000904_02_104087	Table Rock Fork	Lost Creek to confluence with Molalla River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709000905_02_10408E	Pudding River	Rock Creek to confluence with Molalla River	Willamette
OR_SR_1709000906_02_10409E	Molalla River	Dickey Creek to confluence with Pudding River	Willamette
OR_SR_1709001001_02_10409E	Gales Creek	Bateman Creek to confluence with Tualatin River	Willamette
OR_SR_1709001001_02_10409E	Gales Creek	Bateman Creek to confluence with Tualatin River	Willamette
OR_SR_1709001001_02_10409E	Gales Creek	Bateman Creek to confluence with Tualatin River	Willamette
OR_SR_1709001001_02_10409E	Gales Creek	Bateman Creek to confluence with Tualatin River	Willamette
OR_SR_1709001001_02_10409E	Gales Creek	Bateman Creek to confluence with Tualatin River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001001_02_104096	Gales Creek	Bateman Creek to confluence with Tualatin River	Willamette
OR_SR_1709001001_02_104096	Gales Creek	Bateman Creek to confluence with Tualatin River	Willamette
OR_SR_1709001002_02_104104	Tualatin River	Wapato Creek to Dairy Creek	Willamette
OR_SR_1709001002_02_104104	Tualatin River	Wapato Creek to Dairy Creek	Willamette
OR_SR_1709001002_02_104104	Tualatin River	Wapato Creek to Dairy Creek	Willamette
OR_SR_1709001002_02_104104	Tualatin River	Wapato Creek to Dairy Creek	Willamette
OR_SR_1709001002_02_104105	Tualatin River	Sunday Creek to Wapato Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001002_02_104105	Tualatin River	Sunday Creek to Wapato Creek	Willamette
OR_SR_1709001002_02_104107	Scoggins Creek	Headwaters WA Unit to Henry Hagg Lake	Willamette
OR_SR_1709001002_02_104107	Scoggins Creek	Headwaters WA Unit to Henry Hagg Lake	Willamette
OR_SR_1709001002_02_104109	Scoggins Creek	Henry Hagg Lake to confluence with Tualatin River	Willamette
OR_SR_1709001002_02_104109	Scoggins Creek	Henry Hagg Lake to confluence with Tualatin River	Willamette
OR_SR_1709001002_02_104109	Scoggins Creek	Henry Hagg Lake to confluence with Tualatin River	Willamette
OR_SR_1709001002_02_104109	Scoggins Creek	Henry Hagg Lake to confluence with Tualatin River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001003_02_104112	McKay Creek	tributary to McKay Creek to confluence with Dairy Creek	Willamette
OR_SR_1709001003_02_104112	McKay Creek	tributary to McKay Creek to confluence with Dairy Creek	Willamette
OR_SR_1709001003_02_104113	East Fork Dairy Creek	Campbell Creek to Denny Creek	Willamette
OR_SR_1709001003_02_104114	East Fork Dairy Creek	Denny Creek to confluence with Dairy Creek	Willamette
OR_SR_1709001003_02_104114	East Fork Dairy Creek	Denny Creek to confluence with Dairy Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001003_02_104114	East Fork Dairy Creek	Denny Creek to confluence with Dairy Creek	Willamette
OR_SR_1709001003_02_104114	East Fork Dairy Creek	Denny Creek to confluence with Dairy Creek	Willamette
OR_SR_1709001003_02_104116	McKay Creek	Headwaters WA Unit to tributary to McKay Creek	Willamette
OR_SR_1709001003_02_104116	McKay Creek	Headwaters WA Unit to tributary to McKay Creek	Willamette
OR_SR_1709001003_02_104120	Dairy Creek	Highway 6 to confluence with Tualatin River	Willamette
OR_SR_1709001003_02_104120	Dairy Creek	Highway 6 to confluence with Tualatin River	Willamette
OR_SR_1709001003_02_104120	Dairy Creek	Highway 6 to confluence with Tualatin River	Willamette
OR_SR_1709001003_02_104120	Dairy Creek	Highway 6 to confluence with Tualatin River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001003_02_104120	Dairy Creek	Highway 6 to confluence with Tualatin River	Willamette
OR_SR_1709001003_02_104120	Dairy Creek	Highway 6 to confluence with Tualatin River	Willamette
OR_SR_1709001003_02_104123	West Fork Dairy Creek	Williams Creek to Highway 6	Willamette
OR_SR_1709001003_02_104123	West Fork Dairy Creek	Williams Creek to Highway 6	Willamette
OR_SR_1709001003_02_104123	West Fork Dairy Creek	Williams Creek to Highway 6	Willamette
OR_SR_1709001003_02_104123	West Fork Dairy Creek	Williams Creek to Highway 6	Willamette
OR_SR_1709001003_02_104127	West Fork Dairy Creek	Headwaters WA Unit to Williams Creek	Willamette
OR_SR_1709001003_02_104127	West Fork Dairy Creek	Headwaters WA Unit to Williams Creek	Willamette
OR_SR_1709001003_02_104127	West Fork Dairy Creek	Headwaters WA Unit to Williams Creek	Willamette
OR_SR_1709001003_02_104127	West Fork Dairy Creek	Headwaters WA Unit to Williams Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001004_02_104134	Beaverton Creek	Cedar Mill Creek to confluence with Rock Creek	Willamette
OR_SR_1709001004_02_104134	Beaverton Creek	Cedar Mill Creek to confluence with Rock Creek	Willamette
OR_SR_1709001004_02_104134	Beaverton Creek	Cedar Mill Creek to confluence with Rock Creek	Willamette
OR_SR_1709001004_02_104134	Beaverton Creek	Cedar Mill Creek to confluence with Rock Creek	Willamette
OR_SR_1709001004_02_104134	Beaverton Creek	Cedar Mill Creek to confluence with Rock Creek	Willamette
OR_SR_1709001004_02_104134	Beaverton Creek	Cedar Mill Creek to confluence with Rock Creek	Willamette
OR_SR_1709001004_02_104134	Beaverton Creek	Cedar Mill Creek to confluence with Rock Creek	Willamette
OR_SR_1709001004_02_104134	Beaverton Creek	Cedar Mill Creek to confluence with Rock Creek	Willamette
OR_SR_1709001004_02_104135	Heaton Creek	Fir Clearing Creek to confluence with McFee Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001004_02_104135	Heaton Creek	Fir Clearing Creek to confluence with McFee Creek	Willamette
OR_SR_1709001004_02_104136	Rock Creek	Abby Creek to Beaverton Creek	Willamette
OR_SR_1709001004_02_104136	Rock Creek	Abby Creek to Beaverton Creek	Willamette
OR_SR_1709001004_02_104136	Rock Creek	Abby Creek to Beaverton Creek	Willamette
OR_SR_1709001004_02_104136	Rock Creek	Abby Creek to Beaverton Creek	Willamette
OR_SR_1709001004_02_104136	Rock Creek	Abby Creek to Beaverton Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001004_02_104137	McFee Creek	Headwater Wa Unit to Heaton Creek	Willamette
OR_SR_1709001004_02_104138	McFee Creek	Heaton Creek to confluence with Tualatin River	Willamette
OR_SR_1709001004_02_104138	McFee Creek	Heaton Creek to confluence with Tualatin River	Willamette
OR_SR_1709001004_02_104138	McFee Creek	Heaton Creek to confluence with Tualatin River	Willamette
OR_SR_1709001004_02_104139	Tualatin River	Dairy Creek to McFee Creek	Willamette
OR_SR_1709001004_02_104139	Tualatin River	Dairy Creek to McFee Creek	Willamette
OR_SR_1709001004_02_104139	Tualatin River	Dairy Creek to McFee Creek	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001005_02_104140	Cedar Creek	Headwaters WA Unit to confluence with Tualatin River	Willamette
OR_SR_1709001005_02_104140	Cedar Creek	Headwaters WA Unit to confluence with Tualatin River	Willamette
OR_SR_1709001005_02_104140	Cedar Creek	Headwaters WA Unit to confluence with Tualatin River	Willamette
OR_SR_1709001005_02_104140	Cedar Creek	Headwaters WA Unit to confluence with Tualatin River	Willamette
OR_SR_1709001005_02_104141	Fanno Creek	Carter Creek to confluence with Tualatin River	Willamette
OR_SR_1709001005_02_104141	Fanno Creek	Carter Creek to confluence with Tualatin River	Willamette
OR_SR_1709001005_02_104141	Fanno Creek	Carter Creek to confluence with Tualatin River	Willamette
OR_SR_1709001005_02_104141	Fanno Creek	Carter Creek to confluence with Tualatin River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001005_02_104141	Fanno Creek	Carter Creek to confluence with Tualatin River	Willamette
OR_SR_1709001005_02_104141	Fanno Creek	Carter Creek to confluence with Tualatin River	Willamette
OR_SR_1709001005_02_104141	Fanno Creek	Carter Creek to confluence with Tualatin River	Willamette
OR_SR_1709001005_02_104141	Fanno Creek	Carter Creek to confluence with Tualatin River	Willamette
OR_SR_1709001101_02_104142	Collawash River	Nohorn Creek to confluence with Clackamas River	Willamette
OR_SR_1709001101_02_104142	Collawash River	Nohorn Creek to confluence with Clackamas River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001101_02_104143	Hot Springs Fork	Whetstone Creek to Nohorn Creek	Willamette
OR_SR_1709001101_02_104144	Collawash River	East Fork Collawash River to Hot Springs Fork	Willamette
OR_SR_1709001101_02_104145	Nohorn Creek	Headwater WA Unit to confluence with Hot Springs Fork	Willamette
OR_SR_1709001101_02_104145	Nohorn Creek	Headwater WA Unit to confluence with Hot Springs Fork	Willamette
OR_SR_1709001102_02_104147	Clackamas River	Cub Creek to Collawash River	Willamette
OR_SR_1709001104_02_104152	North Fork Clackamas River	Boyer Creek to confluence with North Fork Reservoir	Willamette
OR_SR_1709001104_02_104154	Clackamas River	Collowash River to Oak Grove Fork Clackamas River	Willamette
OR_SR_1709001104_02_104154	Clackamas River	Collowash River to Oak Grove Fork Clackamas River	Willamette
OR_SR_1709001104_02_104155	Clackamas River	Oak Grove Fork Clackamas River to North Fork Reservoir	Willamette
OR_SR_1709001104_02_104155	Clackamas River	Oak Grove Fork Clackamas River to North Fork Reservoir	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001104_02_104156	Fish Creek	Tweed Creek to Wash Creek	Willamette
OR_SR_1709001104_02_104156	Fish Creek	Tweed Creek to Wash Creek	Willamette
OR_SR_1709001104_02_104161	Fish Creek	Wash Creek to confluence with Clackamas River	Willamette
OR_SR_1709001104_02_104161	Fish Creek	Wash Creek to confluence with Clackamas River	Willamette
OR_SR_1709001104_02_104161	Fish Creek	Wash Creek to confluence with Clackamas River	Willamette
OR_SR_1709001105_02_104163	Eagle Creek	Delph Creek to confluence with Clackamas River	Willamette
OR_SR_1709001105_02_104163	Eagle Creek	Delph Creek to confluence with Clackamas River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001105_02_104165	North Fork Eagle Creek	Confluence of Trout Creek and Grabenheim Creek to confluence with Eagle Creek	Willamette
OR_SR_1709001106_02_104166	Deep Creek	Headwaters WA Unit to confluence with Clackamas River	Willamette
OR_SR_1709001106_02_104166	Deep Creek	Headwaters WA Unit to confluence with Clackamas River	Willamette
OR_SR_1709001201_02_104170	Johnson Creek	North Fork Johnson Creek to confluence with Willamette River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001201_02_10417C	Johnson Creek	North Fork Johnson Creek to confluence with Willamette River	Willamette
OR_SR_1709001201_02_10417C	Johnson Creek	North Fork Johnson Creek to confluence with Willamette River	Willamette
OR_SR_1709001201_02_10417C	Johnson Creek	North Fork Johnson Creek to confluence with Willamette River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001201_02_10417C	Johnson Creek	North Fork Johnson Creek to confluence with Willamette River	Willamette
OR_SR_1709001201_02_10417C	Johnson Creek	North Fork Johnson Creek to confluence with Willamette River	Willamette
OR_SR_1709001201_02_10417C	Johnson Creek	North Fork Johnson Creek to confluence with Willamette River	Willamette
OR_SR_1709001201_02_10417C	Johnson Creek	North Fork Johnson Creek to confluence with Willamette River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001201_02_10417C	Johnson Creek	North Fork Johnson Creek to confluence with Willamette River	Willamette
OR_SR_1709001201_02_10417C	Johnson Creek	North Fork Johnson Creek to confluence with Willamette River	Willamette
OR_SR_1709001201_02_10417C	Johnson Creek	North Fork Johnson Creek to confluence with Willamette River	Willamette
OR_SR_1709001201_02_10417C	Johnson Creek	North Fork Johnson Creek to confluence with Willamette River	Willamette
OR_SR_1709001201_02_104171	Mount Scott Creek	Phillips Creek to confluence with Willamette River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001201_02_104171	Mount Scott Creek	Phillips Creek to confluence with Willamette River	Willamette
OR_SR_1709001201_02_104171	Mount Scott Creek	Phillips Creek to confluence with Willamette River Palatine Hill Creek to confluence with Willamette River	Willamette
OR_SR_1709001201_02_104172	Tryon Creek		Willamette
OR_SR_1709001202_88_104175	Willamette River	Johnson Creek to confluence with Columbia River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001202_88_104175	Willamette River	Johnson Creek to confluence with Columbia River	Willamette
OR_SR_1709001202_88_104175	Willamette River	Johnson Creek to confluence with Columbia River	Willamette
OR_SR_1709001202_88_104175	Willamette River	Johnson Creek to confluence with Columbia River	Willamette
OR_SR_1709001202_88_104175	Willamette River	Johnson Creek to confluence with Columbia River	Willamette
OR_SR_1709001202_88_104175	Willamette River	Johnson Creek to confluence with Columbia River	Willamette
OR_SR_1709001202_88_104175	Willamette River	Johnson Creek to confluence with Columbia River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001202_88_104175	Willamette River	Johnson Creek to confluence with Columbia River	Willamette
OR_SR_1709001202_88_104175	Willamette River	Johnson Creek to confluence with Columbia River	Willamette
OR_SR_1709001202_88_104175	Willamette River	Johnson Creek to confluence with Columbia River	Willamette
OR_SR_1709001202_88_104175	Willamette River	Johnson Creek to confluence with Columbia River	Willamette
OR_SR_1709001202_88_104175	Willamette River	Johnson Creek to confluence with Columbia River	Willamette
OR_SR_1709001202_88_104175	Willamette River	Johnson Creek to confluence with Columbia River	Willamette
OR_SR_1709001202_88_104175	Willamette River	Johnson Creek to confluence with Columbia River	Willamette
OR_SR_1709001202_88_104175	Willamette River	Johnson Creek to confluence with Columbia River	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001203_02_104176	Milton Creek	Headwaters WA Unit to confluence with Lower Scappoose Bay	Willamette
OR_SR_1709001203_02_104176	Milton Creek	Headwaters WA Unit to confluence with Lower Scappoose Bay	Willamette
OR_SR_1709001203_02_104176	Milton Creek	Headwaters WA Unit to confluence with Lower Scappoose Bay	Willamette
OR_SR_1709001203_02_104177	Scappoose Creek	Confluence of South Scappoose Creek and North Scappoose Creek to confluence with Lower Scappoose Bay	Willamette
OR_SR_1709001203_02_104177	Scappoose Creek	Confluence of South Scappoose Creek and North Scappoose Creek to confluence with Lower Scappoose Bay	Willamette
OR_SR_1709001203_02_104179	North Scappoose Creek	Lizzie Creek to confluence with Scappoose Creek	Willamette
OR_SR_1709001203_02_104179	North Scappoose Creek	Lizzie Creek to confluence with Scappoose Creek	Willamette
OR_SR_1709001203_02_104180	South Scappoose Creek	Lazy Creek to confluence with Scappoose Creek	Willamette
OR_SR_1709001203_02_104180	South Scappoose Creek	Lazy Creek to confluence with Scappoose Creek	Willamette
OR_SR_1709001203_88_104184	Multnomah Channel	Willamette River to confluence with Columbia River (St. Helens)	Willamette

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1709001203_88_104184	Multnomah Channel	Willamette River to confluence with Columbia River (St. Helens)	Willamette
OR_SR_1710020101_05_105827	Necanicum River	Confluence of South Fork Necanicum River and North Fork Necanicum River to Circle Creek	North Coast
OR_SR_1710020101_05_105827	Necanicum River	Confluence of South Fork Necanicum River and North Fork Necanicum River to Circle Creek	North Coast
OR_SR_1710020101_05_105827	Necanicum River	Confluence of South Fork Necanicum River and North Fork Necanicum River to Circle Creek	North Coast
OR_SR_1710020101_05_105832	Necanicum River	Circle Creek to City of Seaside (Pacific Ocean)	North Coast
OR_SR_1710020201_05_106295	East Fork Nehalem River	Headwaters WA Unit to confluence with Nehalem River	North Coast
OR_SR_1710020201_05_106295	East Fork Nehalem River	Headwaters WA Unit to confluence with Nehalem River	North Coast
OR_SR_1710020201_05_106441	Nehalem River	Wolf Creek to East Fork Nehalem River	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020201_05_106441	Nehalem River	Wolf Creek to East Fork Nehalem River	North Coast
OR_SR_1710020202_05_106220	Fishhawk Creek	North Fork Fishhawk Creek to Fishhawk Lake	North Coast
OR_SR_1710020202_05_106220	Fishhawk Creek	North Fork Fishhawk Creek to Fishhawk Lake	North Coast
OR_SR_1710020202_05_106221	Fishhawk Creek	Fishhawk Lake to confluence with Nehalem River	North Coast
OR_SR_1710020202_05_106221	Fishhawk Creek	Fishhawk Lake to confluence with Nehalem River	North Coast
OR_SR_1710020202_05_106442	Nehalem River	East Fork Nehalem River to Northrup Creek	North Coast
OR_SR_1710020202_05_106442	Nehalem River	East Fork Nehalem River to Northrup Creek	North Coast
OR_SR_1710020202_05_106442	Nehalem River	East Fork Nehalem River to Northrup Creek	North Coast
OR_SR_1710020203_05_105834	Nehalem River	Northrup Creek to Salmonberry River	North Coast
OR_SR_1710020204_05_105835	Salmonberry River	North Fork Salmonberry River to confluence with Nehalem River	North Coast
OR_SR_1710020204_05_105835	Salmonberry River	North Fork Salmonberry River to confluence with Nehalem River	North Coast
OR_SR_1710020204_05_105835	Salmonberry River	North Fork Salmonberry River to confluence with Nehalem River	North Coast
OR_SR_1710020205_05_105837	Gods Valley Creek	Headwaters WA Unit to confluence with North Fork Nehalem River	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020205_05_105841	North Fork Nehalem River	Headwaters WA Unit to Little North Fork Nehalem River	North Coast
OR_SR_1710020205_05_105847	North Fork Nehalem River	Little North Fork Nehalem River to Nehalem Bay	North Coast
OR_SR_1710020205_05_105847	North Fork Nehalem River	Little North Fork Nehalem River to Nehalem Bay	North Coast
OR_SR_1710020205_05_105847	North Fork Nehalem River	Little North Fork Nehalem River to Nehalem Bay	North Coast
OR_SR_1710020205_05_105848	Soapstone Creek	Headwaters WA Unit to confluence with North Fork Nehalem River	North Coast
OR_SR_1710020206_05_105850	Foley Creek	Headwaters WA Unit to East Foley Creek	North Coast
OR_SR_1710020206_05_105850	Foley Creek	Headwaters WA Unit to East Foley Creek	North Coast
OR_SR_1710020206_05_105852	Cook Creek	Headwaters WA Unit to confluence with Nehalem River	North Coast
OR_SR_1710020206_05_105854	Nehalem River	Cook Creek to upper Mainstem Estuary Unit	North Coast
OR_SR_1710020206_05_105856	Jetty Creek	Headwaters WA Unit to Nehalem Bay	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020206_05_105860	Foley Creek	East Foley Creek to confluence with Nehalem River	North Coast
OR_SR_1710020206_05_105860	Foley Creek	East Foley Creek to confluence with Nehalem River	North Coast
OR_SR_1710020206_05_105864	Nehalem River	Salmonberry River to Cook Creek	North Coast
OR_SR_1710020206_05_105864	Nehalem River	Salmonberry River to Cook Creek	North Coast
OR_SR_1710020301_05_105867	Little Nestucca River	Headwaters WA Unit to Estuary Unit	North Coast
OR_SR_1710020302_05_105869	Beaver Creek	Tiger Creek to confluence with Nestucca River	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020302_05_105869	Beaver Creek	Tiger Creek to confluence with Nestucca River	North Coast
OR_SR_1710020302_05_105869	Beaver Creek	Tiger Creek to confluence with Nestucca River	North Coast
OR_SR_1710020302_05_105869	Beaver Creek	Tiger Creek to confluence with Nestucca River	North Coast
OR_SR_1710020302_05_105871	Nestucca River	Walker Creek to Elk Creek	North Coast
OR_SR_1710020302_05_105871	Nestucca River	Walker Creek to Elk Creek	North Coast
OR_SR_1710020302_05_105871	Nestucca River	Walker Creek to Elk Creek	North Coast
OR_SR_1710020302_05_105871	Nestucca River	Walker Creek to Elk Creek	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020302_05_105874	Nestucca River	Elk Creek to Beaver Creek	North Coast
OR_SR_1710020302_05_105874	Nestucca River	Elk Creek to Beaver Creek	North Coast
OR_SR_1710020302_05_105874	Nestucca River	Elk Creek to Beaver Creek	North Coast
OR_SR_1710020302_05_105874	Nestucca River	Elk Creek to Beaver Creek	North Coast
OR_SR_1710020302_05_105874	Nestucca River	Elk Creek to Beaver Creek	North Coast
OR_SR_1710020302_05_105874	Nestucca River	Elk Creek to Beaver Creek	North Coast
OR_SR_1710020302_05_105874	Nestucca River	Elk Creek to Beaver Creek	North Coast
OR_SR_1710020302_05_105877	Nestucca River	Beaver Creek to Estuary Unit	North Coast
OR_SR_1710020302_05_105877	Nestucca River	Beaver Creek to Estuary Unit	North Coast
OR_SR_1710020302_05_105877	Nestucca River	Beaver Creek to Estuary Unit	North Coast
OR_SR_1710020302_05_105877	Nestucca River	Beaver Creek to Estuary Unit	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020302_05_105878	East Beaver Creek	Headwaters WA Unit to confluence with Beaver Creek	North Coast
OR_SR_1710020302_05_105878	East Beaver Creek	Headwaters WA Unit to confluence with Beaver Creek	North Coast
OR_SR_1710020302_05_105881	Three Rivers	Alder Creek to confluence with Nestucca River	North Coast
OR_SR_1710020302_05_105881	Three Rivers	Alder Creek to confluence with Nestucca River	North Coast
OR_SR_1710020302_05_105881	Three Rivers	Alder Creek to confluence with Nestucca River	North Coast
OR_SR_1710020302_05_105882	Niagara Creek	Pheasant Creek to confluence with Nestucca River	North Coast
OR_SR_1710020302_05_105882	Niagara Creek	Pheasant Creek to confluence with Nestucca River	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020302_05_105883	Three Rivers	Headwaters WA Unit to Alder Creek	North Coast
OR_SR_1710020302_05_105884	Elk Creek	Headwaters WA Unit to confluence with Nestucca River	North Coast
OR_SR_1710020302_05_105884	Elk Creek	Headwaters WA Unit to confluence with Nestucca River	North Coast
OR_SR_1710020303_05_105886	Tillamook River	Joe Creek to Tillamook Bay	North Coast
OR_SR_1710020303_05_105886	Tillamook River	Joe Creek to Tillamook Bay	North Coast
OR_SR_1710020303_05_105887	Joe Creek	Headwaters WA Unit to confluence with Tillamook River	North Coast
OR_SR_1710020303_05_105888	Bewley Creek	Headwaters WA Unit to confluence with Tillamook River	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020303_05_10588E	Bewley Creek	Headwaters WA Unit to confluence with Tillamook River	North Coast
OR_SR_1710020303_05_10588E	Bewley Creek	Headwaters WA Unit to confluence with Tillamook River	North Coast
OR_SR_1710020303_05_10589C	Tillamook River	Headwaters WA Unit to Joe Creek	North Coast
OR_SR_1710020303_05_10589C	Tillamook River	Headwaters WA Unit to Joe Creek	North Coast
OR_SR_1710020303_05_10589C	Tillamook River	Headwaters WA Unit to Joe Creek	North Coast
OR_SR_1710020303_05_10589C	Tillamook River	Headwaters WA Unit to Joe Creek	North Coast
OR_SR_1710020303_05_10589C	Tillamook River	Headwaters WA Unit to Joe Creek	North Coast
OR_SR_1710020304_05_10589E	South Fork Trask River	Edwards Creek to confluence with Trask River	North Coast
OR_SR_1710020304_05_10589E	South Fork Trask River	Edwards Creek to confluence with Trask River	North Coast
OR_SR_1710020304_05_105897	Dougherty Slough	Confluence of Wilson River to City Of Tillamook (Tillamook Bay)	North Coast
OR_SR_1710020304_05_105897	Dougherty Slough	Confluence of Wilson River to City Of Tillamook (Tillamook Bay)	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020304_05_105897	Dougherty Slough	Confluence of Wilson River to City Of Tillamook (Tillamook Bay)	North Coast
OR_SR_1710020304_05_105897	Dougherty Slough	Confluence of Wilson River to City Of Tillamook (Tillamook Bay)	North Coast
OR_SR_1710020304_05_10589E	Trask River	Confluence of North Fork Trask River and South Fork Trask River to City of Tillamook (Tillamook Bay)	North Coast
OR_SR_1710020304_05_10589E	Trask River	Confluence of North Fork Trask River and South Fork Trask River to City of Tillamook (Tillamook Bay)	North Coast
OR_SR_1710020304_05_10589E	Trask River	Confluence of North Fork Trask River and South Fork Trask River to City of Tillamook (Tillamook Bay)	North Coast
OR_SR_1710020304_05_10589E	Trask River	Confluence of North Fork Trask River and South Fork Trask River to City of Tillamook (Tillamook Bay)	North Coast
OR_SR_1710020304_05_10589E	North Fork North Fork Trask River	Headwaters WA Unit to confluence with North Fork Trask River	North Coast
OR_SR_1710020304_05_10589E	North Fork North Fork Trask River	Headwaters WA Unit to confluence with North Fork Trask River	North Coast
OR_SR_1710020304_05_105901	North Fork Trask River	Confluence of Elkhorn Creek and Cruiser Creek to Trask River	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020304_05_105901	North Fork Trask River	Confluence of Elkhorn Creek and Cruiser Creek to Trask River	North Coast
OR_SR_1710020304_05_105903	East Fork South Fork Trask River	Headwaters WA Unit to confluence with South Fork Trask	North Coast
OR_SR_1710020304_05_105903	East Fork South Fork Trask River	Headwaters WA Unit to confluence with South Fork Trask	North Coast
OR_SR_1710020304_05_106211	Middle Fork North Fork Trask River	Barney Reservoir to confluence with North Fork Trask River	North Coast
OR_SR_1710020305_05_105906	North Fork Wilson River	Confluence of West Fork North Fork Wilson River and North Fork West Fork Wilson River to Wilson River	North Coast
OR_SR_1710020305_05_105906	North Fork Wilson River	Confluence of West Fork North Fork Wilson River and North Fork West Fork Wilson River to Wilson River	North Coast
OR_SR_1710020305_05_105907	Elk Creek	Headwaters WA Unit to confluence with Wilson River	North Coast
OR_SR_1710020305_05_105908	Devils Lake Fork	Headwaters WA Unit to confluence with South Fork Wilson River	North Coast
OR_SR_1710020305_05_105908	Devils Lake Fork	Headwaters WA Unit to confluence with South Fork Wilson River	North Coast
OR_SR_1710020305_05_105909	Cedar Creek	Headwaters WA Unit to confluence with Wilson River	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020305_05_105910	Little North Fork Wilson River	Headwaters WA Unit to confluence with Wilson River	North Coast
OR_SR_1710020305_05_105913	Jordan Creek	Headwaters WA Unit to South Fork Jordan Creek	North Coast
OR_SR_1710020305_05_105916	Jordan Creek	Confluence of South Fork Jordan Creek to Wilson River	North Coast
OR_SR_1710020305_05_105917	Wilson River	Confluence of South Fork Wilson River and Devils Lake Fork to North Fork Wilson River	North Coast
OR_SR_1710020305_05_105917	Wilson River	Confluence of South Fork Wilson River and Devils Lake Fork to North Fork Wilson River	North Coast
OR_SR_1710020305_05_105921	North Fork Wilson River	Headwaters WA Unit to confluence with West Fork North Fork Wilson River	North Coast
OR_SR_1710020305_05_105921	North Fork Wilson River	Headwaters WA Unit to confluence with West Fork North Fork Wilson River	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020305_05_106214	Wilson River	North Fork Wilson River to City of Tillamook (Tillamook Bay)	North Coast
OR_SR_1710020305_05_106214	Wilson River	North Fork Wilson River to City of Tillamook (Tillamook Bay)	North Coast
OR_SR_1710020305_05_106214	Wilson River	North Fork Wilson River to City of Tillamook (Tillamook Bay)	North Coast
OR_SR_1710020305_05_106214	Wilson River	North Fork Wilson River to City of Tillamook (Tillamook Bay)	North Coast
OR_SR_1710020305_05_106214	Wilson River	North Fork Wilson River to City of Tillamook (Tillamook Bay)	North Coast
OR_SR_1710020306_05_105922	Little South Fork Kilchis River	Confluence of Dietz Creek to Kilchis River	North Coast
OR_SR_1710020306_05_105924	Kilchis River	Confluence of North Fork Kilchis River and South Fork Kilchis River to Tillamook Bay	North Coast
OR_SR_1710020306_05_105924	Kilchis River	Confluence of North Fork Kilchis River and South Fork Kilchis River to Tillamook Bay	North Coast
OR_SR_1710020306_05_105924	Kilchis River	Confluence of North Fork Kilchis River and South Fork Kilchis River to Tillamook Bay	North Coast
OR_SR_1710020306_05_105929	North Fork Kilchis River	Headwaters WA Unit to confluence with Kilchis River	North Coast
OR_SR_1710020307_05_105939	Miami River	Peterson Creek to Tillamook Bay	North Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020401_02_105953	Yaquina River	Little Elk Creek to Sloop Creek	Mid Coast
OR_SR_1710020401_02_105953	Yaquina River	Little Elk Creek to Sloop Creek	Mid Coast
OR_SR_1710020401_02_105953	Yaquina River	Little Elk Creek to Sloop Creek	Mid Coast
OR_SR_1710020401_02_105953	Yaquina River	Little Elk Creek to Sloop Creek	Mid Coast
OR_SR_1710020402_02_105954	Big Elk Creek	Sugarbowl Creek to Devils Well Creek	Mid Coast
OR_SR_1710020402_02_105954	Big Elk Creek	Sugarbowl Creek to Devils Well Creek	Mid Coast
OR_SR_1710020402_02_105954	Big Elk Creek	Sugarbowl Creek to Devils Well Creek	Mid Coast
OR_SR_1710020402_02_105954	Big Elk Creek	Sugarbowl Creek to Devils Well Creek	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020402_02_105954	Big Elk Creek	Sugarbowl Creek to Devils Well Creek	Mid Coast
OR_SR_1710020402_02_105955	Big Elk Creek	Beaverdam Creek to Sugarbowl Creek	Mid Coast
OR_SR_1710020402_02_105956	Feagles Creek	Headwaters WA Unit to confluence with Big Elk Creek	Mid Coast
OR_SR_1710020402_02_105956	Feagles Creek	Headwaters WA Unit to confluence with Big Elk Creek	Mid Coast
OR_SR_1710020402_02_105958	Spout Creek	Headwaters WA Unit (AKA Johnson Creek) to confluence with Big Elk Creek	Mid Coast
OR_SR_1710020402_02_105958	Spout Creek	Headwaters WA Unit (AKA Johnson Creek) to confluence with Big Elk Creek	Mid Coast
OR_SR_1710020404_02_105969	South Fork Siletz River	Rogers Creek to confluence with Siletz River	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020404_02_105970	South Fork Siletz River	Sand Creek to Rogers Creek	Mid Coast
OR_SR_1710020404_02_105970	South Fork Siletz River	Sand Creek to Rogers Creek	Mid Coast
OR_SR_1710020405_02_105978	Siletz River	Confluence of North Fork Siletz River and South Fork Siletz River to Rock Creek	Mid Coast
OR_SR_1710020405_02_105978	Siletz River	Confluence of North Fork Siletz River and South Fork Siletz River to Rock Creek	Mid Coast
OR_SR_1710020405_02_105978	Siletz River	Confluence of North Fork Siletz River and South Fork Siletz River to Rock Creek	Mid Coast
OR_SR_1710020406_02_105982	Rock Creek	Confluence of Big Rock Breek and Little Rock Creek to confluence with Siletz River	Mid Coast
OR_SR_1710020406_02_105982	Rock Creek	Confluence of Big Rock Breek and Little Rock Creek to confluence with Siletz River	Mid Coast
OR_SR_1710020407_02_105990	Drift Creek	Headwaters WA Unit to Sampson Creek	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020407_02_105991	Drift Creek	Sampson Creek to Siletz Bay	Mid Coast
OR_SR_1710020407_02_105991	Drift Creek	Sampson Creek to Siletz Bay	Mid Coast
OR_SR_1710020407_02_105991	Drift Creek	Sampson Creek to Siletz Bay	Mid Coast
OR_SR_1710020407_02_105991	Drift Creek	Sampson Creek to Siletz Bay	Mid Coast
OR_SR_1710020407_02_106213	Schooner Creek	Schooner to Siletz Bay	Mid Coast
OR_SR_1710020407_02_106213	Schooner Creek	Confluence of North Fork Schooner and South Fork Schooner to Siletz Bay	Mid Coast
OR_SR_1710020407_02_106213	Schooner Creek	Confluence of North Fork Schooner and South Fork Schooner to Siletz Bay	Mid Coast
OR_SR_1710020407_02_106452	Siletz River	Rock Creek to Roy Creek	Mid Coast
OR_SR_1710020407_02_106452	Siletz River	Rock Creek to Roy Creek	Mid Coast
OR_SR_1710020407_02_106452	Siletz River	Rock Creek to Roy Creek	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020407_02_106452	Siletz River	Rock Creek to Roy Creek	Mid Coast
OR_SR_1710020408_02_105994	Salmon River	Headwaters WA Unit to Slick Rock Creek	Mid Coast
OR_SR_1710020408_02_105994	Salmon River	Headwaters WA Unit to Slick Rock Creek	Mid Coast
OR_SR_1710020408_02_105994	Salmon River	Headwaters WA Unit to Slick Rock Creek	Mid Coast
OR_SR_1710020408_02_105994	Salmon River	Headwaters WA Unit to Slick Rock Creek	Mid Coast
OR_SR_1710020408_02_105994	Salmon River	Headwaters WA Unit to Slick Rock Creek	Mid Coast
OR_SR_1710020408_02_105994	Salmon River	Headwaters WA Unit to Slick Rock Creek	Mid Coast
OR_SR_1710020408_02_105995	Slick Rock Creek	Headwaters WA Unit to confluence with Salmon River	Mid Coast
OR_SR_1710020408_02_105997	Salmon River	Slick Rock Creek to Willis Creek	Mid Coast
OR_SR_1710020408_02_105997	Salmon River	Slick Rock Creek to Willis Creek	Mid Coast
OR_SR_1710020408_02_105997	Salmon River	Slick Rock Creek to Willis Creek	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020409_02_10599E	Rock Creek	Headwaters WA Unit to Devils Lake	Willamette
OR_SR_1710020409_02_10600C	Big Creek	Jeffries Creek to Pacific Ocean	Mid Coast
OR_SR_1710020409_02_10600C	Big Creek	Jeffries Creek to Pacific Ocean	Mid Coast
OR_SR_1710020409_02_10600C	Big Creek	Jeffries Creek to Pacific Ocean	Mid Coast
OR_SR_1710020501_02_10600E	North Fork Alsea River	Klickitat Lake to Racks Creek	Mid Coast
OR_SR_1710020501_02_10600E	Bummer Creek	Record Creek to confluence with South Fork Alsea River	Mid Coast
OR_SR_1710020501_02_10601C	South Fork Alsea River	Bummer Creek to confluence with Alsea River	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020501_02_106010	South Fork Alsea River	Bummer Creek to confluence with Alsea River	Mid Coast
OR_SR_1710020501_02_106012	Peak Creek	Headwaters WA Unit to confluence with South Fork Alsea River	Mid Coast
OR_SR_1710020501_02_106013	South Fork Alsea River	Coleman Creek to Bummer Creek	Mid Coast
OR_SR_1710020501_02_106013	South Fork Alsea River	Coleman Creek to Bummer Creek	Mid Coast
OR_SR_1710020501_02_106015	North Fork Alsea River	Racks Creek to confluence with Alsea River	Mid Coast
OR_SR_1710020501_02_106015	North Fork Alsea River	Racks Creek to confluence with Alsea River	Mid Coast
OR_SR_1710020502_02_106019	Five Rivers	Headwaters WA Unit to Green River	Mid Coast
OR_SR_1710020502_02_106020	Five Rivers	Lobster Creek to confluence with Alsea River	Mid Coast
OR_SR_1710020502_02_106021	Green River	East Fork Green River to confluence with Five Rivers	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020502_02_106021	Green River	East Fork Green River to confluence with Five Rivers	Mid Coast
OR_SR_1710020502_02_106022	Lobster Creek	South Fork Lobster Creek to East Fork Lobster Creek	Mid Coast
OR_SR_1710020502_02_106024	Lobster Creek	East Fork Lobster Creek to confluence with Five Rivers	Mid Coast
OR_SR_1710020502_02_106024	Lobster Creek	East Fork Lobster Creek to confluence with Five Rivers	Mid Coast
OR_SR_1710020502_02_106025	Buck Creek	Headwaters WA Unit to confluence with Five Rivers	Mid Coast
OR_SR_1710020502_02_106027	Cascade Creek	North Fork Cascade Creek to confluence with Five Rivers	Mid Coast
OR_SR_1710020502_02_106028	Camp Creek	Headwaters WA Unit to confluence with Lobster Creek	Mid Coast
OR_SR_1710020502_02_106029	Five Rivers	Green River to Lobster Creek	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020502_02_106029	Five Rivers	Green River to Lobster Creek	Mid Coast
OR_SR_1710020503_02_106030	Horse Creek	Headwaters WA Unit (aka Meadows Creek) to confluence with Drift Creek	Mid Coast
OR_SR_1710020503_02_106031	Gopher Creek	Cape Horn Creek to confluence with Drift Creek	Mid Coast
OR_SR_1710020503_02_106031	Gopher Creek	Cape Horn Creek to confluence with Drift Creek	Mid Coast
OR_SR_1710020503_02_106032	Drift Creek	North Fork Drift Creek to Gopher Creek	Mid Coast
OR_SR_1710020503_02_106032	Drift Creek	North Fork Drift Creek to Gopher Creek	Mid Coast
OR_SR_1710020503_02_106212	Drift Creek	Gopher Creek to Lyndon Creek	Mid Coast
OR_SR_1710020503_02_106212	Drift Creek	Gopher Creek to Lyndon Creek	Mid Coast
OR_SR_1710020504_02_106034	Alsea River	Five Rivers to end Little Switzerland Road (end of tidewater)	Mid Coast
OR_SR_1710020504_02_106034	Alsea River	Five Rivers to end Little Switzerland Road (end of tidewater)	Mid Coast
OR_SR_1710020504_02_106036	Fall Creek	Bear Creek to Skunk Creek	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020504_02_106036	Fall Creek	Bear Creek to Skunk Creek	Mid Coast
OR_SR_1710020504_02_106038	Fall Creek	Skunk Creek to confluence with Alsea River	Mid Coast
OR_SR_1710020504_02_106038	Fall Creek	Skunk Creek to confluence with Alsea River	Mid Coast
OR_SR_1710020504_02_106042	Canal Creek	East Fork Canal Creek to confluence with Alsea River	Mid Coast
OR_SR_1710020504_02_106044	Alsea River	Confluence of North Fork Alsea River and South Fork Alsea River to Five Rivers	Mid Coast
OR_SR_1710020504_02_106044	Alsea River	Confluence of North Fork Alsea River and South Fork Alsea River to Five Rivers	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020504_02_106044	Alsea River	Confluence of North Fork Alsea River and South Fork Alsea River to Five Rivers	Mid Coast
OR_SR_1710020505_02_106047	Beaver Creek	Confluence of Elkhorn Creek and North Fork Beaver Creek to Pacific Ocean	Mid Coast
OR_SR_1710020505_02_106047	Beaver Creek	Confluence of Elkhorn Creek and North Fork Beaver Creek to Pacific Ocean	Mid Coast
OR_SR_1710020505_02_106047	Beaver Creek	Confluence of Elkhorn Creek and North Fork Beaver Creek to Pacific Ocean	Mid Coast
OR_SR_1710020505_02_106047	Beaver Creek	Confluence of Elkhorn Creek and North Fork Beaver Creek to Pacific Ocean	Mid Coast
OR_SR_1710020505_02_106050	North Fork Beaver Creek	Headwaters WA Unit to confluence with Beaver Creek	Mid Coast
OR_SR_1710020505_02_106050	North Fork Beaver Creek	Headwaters WA Unit to confluence with Beaver Creek	Mid Coast
OR_SR_1710020505_02_106050	North Fork Beaver Creek	Headwaters WA Unit to confluence with Beaver Creek	Mid Coast
OR_SR_1710020505_02_106051	South Beaver Creek	Graves Creek to confluence with Beaver Creek	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020505_02_106051	South Beaver Creek	Graves Creek to confluence with Beaver Creek	Mid Coast
OR_SR_1710020505_02_106051	South Beaver Creek	Graves Creek to confluence with Beaver Creek	Mid Coast
OR_SR_1710020505_02_106051	South Beaver Creek	Graves Creek to confluence with Beaver Creek	Mid Coast
OR_SR_1710020505_02_106051	South Beaver Creek	Graves Creek to confluence with Beaver Creek	Mid Coast
OR_SR_1710020506_02_106052	Yachats River	Stump Creek (aka Keller Creek) to City of Yachats (Pacific Ocean)	Mid Coast
OR_SR_1710020506_02_106052	Yachats River	Stump Creek (aka Keller Creek) to City of Yachats (Pacific Ocean)	Mid Coast
OR_SR_1710020506_02_106052	Yachats River	Stump Creek (aka Keller Creek) to City of Yachats (Pacific Ocean)	Mid Coast
OR_SR_1710020506_02_106053	North Fork Yachats River	Glines Creek to confluence with Yachats River	Mid Coast
OR_SR_1710020506_02_106053	North Fork Yachats River	Glines Creek to confluence with Yachats River	Mid Coast
OR_SR_1710020506_02_106054	Stump Creek	Headwaters WA Unit to confluence with Yachats River	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020506_02_106054	Stump Creek	Headwaters WA Unit to confluence with Yachats River	Mid Coast
OR_SR_1710020507_02_104918	Sutton Creek	Sutton Lake to Pacific Ocean	Mid Coast
OR_SR_1710020507_02_106056	Tenmile Creek	Headwaters WA Unit to Estuary Unit	Mid Coast
OR_SR_1710020507_02_106058	Big Creek	Headwaters WA Unit to Pacific Ocean	Mid Coast
OR_SR_1710020507_02_106060	Cape Creek	Headwaters WA Unit to Wapiti Creek	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020601_02_105055	Wolf Creek	Swamp Creek to confluence with Siuslaw River	Mid Coast
OR_SR_1710020602_02_105057	Wildcat Creek	Chickahominy Creek to confluence with Siuslaw River	Mid Coast
OR_SR_1710020602_02_105057	Wildcat Creek	Chickahominy Creek to confluence with Siuslaw River	Mid Coast
OR_SR_1710020602_02_106409	Chickahominy Creek	Headwaters WA Unit to confluence with Wildcat Creek	Mid Coast
OR_SR_1710020603_02_105061	Siuslaw River	Wolf Creek to Wildcat Creek	Mid Coast
OR_SR_1710020603_02_105061	Siuslaw River	Wolf Creek to Wildcat Creek	Mid Coast
OR_SR_1710020603_02_105061	Siuslaw River	Wolf Creek to Wildcat Creek	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020603_02_105067	Esmond Creek	Headwaters WA Unit to confluence with Siuslaw River	Mid Coast
OR_SR_1710020603_02_105068	Whittaker Creek	Headwaters WA Unit to confluence with Siuslaw River	Mid Coast
OR_SR_1710020603_02_106410	Siuslaw River	Confluence of South Fork Siuslaw River and Kelly Creek to Wolk Creek	Mid Coast
OR_SR_1710020603_02_106410	Siuslaw River	Confluence of South Fork Siuslaw River and Kelly Creek to Wolk Creek	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020603_02_106410	Siuslaw River	Confluence of South Fork Siuslaw River and Kelly Creek to Wolk Creek	Mid Coast
OR_SR_1710020603_02_106410	Siuslaw River	Confluence of South Fork Siuslaw River and Kelly Creek to Wolk Creek	Mid Coast
OR_SR_1710020603_02_106410	Siuslaw River	Confluence of South Fork Siuslaw River and Kelly Creek to Wolk Creek	Mid Coast
OR_SR_1710020604_02_106062	Deadwood Creek	Panther Creek to confluence with Lake Creek	Mid Coast
OR_SR_1710020604_02_106062	Deadwood Creek	Panther Creek to confluence with Lake Creek	Mid Coast
OR_SR_1710020604_02_106062	Deadwood Creek	Panther Creek to confluence with Lake Creek	Mid Coast
OR_SR_1710020604_02_106062	Deadwood Creek	Headwaters WA Unit to Panther Creek	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020604_02_106066	Deadwood Creek	Headwaters WA Unit to Panther Creek	Mid Coast
OR_SR_1710020605_02_106069	Indian Creek	Headwaters WA Unit to West Fork Indian Creek	Mid Coast
OR_SR_1710020605_02_106069	Indian Creek	Headwaters WA Unit to West Fork Indian Creek	Mid Coast
OR_SR_1710020605_02_106411	Indian Creek	West Fork Indian Creek to confluence with Lake Creek	Mid Coast
OR_SR_1710020605_02_106411	Indian Creek	West Fork Indian Creek to confluence with Lake Creek	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020605_02_106411	Indian Creek	West Fork Indian Creek to confluence with Lake Creek	Mid Coast
OR_SR_1710020606_02_106076	Lake Creek	Congdon Creek to Triangle Lake	Mid Coast
OR_SR_1710020606_02_106076	Lake Creek	Congdon Creek to Triangle Lake	Mid Coast
OR_SR_1710020606_02_106078	Lake Creek	Triangle Lake to Deadwood Creek	Mid Coast
OR_SR_1710020606_02_106222	Lake Creek	Headwaters WA Unit to Hult Log Storage Reservoir	Mid Coast
OR_SR_1710020606_02_106223	Lake Creek	Hult Log Storage Reservoir to Congdon Creek	Mid Coast
OR_SR_1710020606_02_106412	Lake Creek	Deadwood Creek to confluence with Siuslaw River	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020607_02_104920	Condon Creek	Uncle Creek to confluence with North Fork Siuslaw River	Mid Coast
OR_SR_1710020607_02_106082	North Fork Siuslaw River	Confluence of West Branch Sam Creek and Lawrence Creek to Taylor Creek	Mid Coast
OR_SR_1710020607_02_106082	North Fork Siuslaw River	Confluence of West Branch Sam Creek and Lawrence Creek to Taylor Creek	Mid Coast
OR_SR_1710020607_02_106082	North Fork Siuslaw River	Confluence of West Branch Sam Creek and Lawrence Creek to Taylor Creek	Mid Coast
OR_SR_1710020607_02_106083	Wilhelm Creek	Deer Creek to confluence with North Fork Siuslaw River	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020607_02_106405	North Fork Siuslaw River	Taylor Creek to tidewater	Mid Coast
OR_SR_1710020607_02_106405	North Fork Siuslaw River	Taylor Creek to tidewater	Mid Coast
OR_SR_1710020607_02_106405	North Fork Siuslaw River	Taylor Creek to tidewater	Mid Coast
OR_SR_1710020607_02_106405	North Fork Siuslaw River	Taylor Creek to tidewater	Mid Coast
OR_SR_1710020607_02_106413	McLeod Creek	Headwaters WA Unit to confluence with North Fork Siuslaw River	Mid Coast
OR_SR_1710020607_02_106413	McLeod Creek	Headwaters WA Unit to confluence with North Fork Siuslaw River	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020607_02_106413	McLeod Creek	Headwaters WA Unit to confluence with North Fork Siuslaw River	Mid Coast
OR_SR_1710020608_02_105074	Sweet Creek	Cedar Creek to confluence with Siuslaw River (tidewater)	Mid Coast
OR_SR_1710020608_02_105074	Sweet Creek	Cedar Creek to confluence with Siuslaw River (tidewater)	Mid Coast
OR_SR_1710020608_02_105077	Siuslaw River	Wildcat Creek to Lake Creek	Mid Coast
OR_SR_1710020608_02_105077	Siuslaw River	Wildcat Creek to Lake Creek	Mid Coast
OR_SR_1710020608_02_105078	Knowles Creek	Headwaters WA Unit to confluence with Siuslaw River (tidewater)	Mid Coast
OR_SR_1710020608_02_105078	Knowles Creek	Headwaters WA Unit to confluence with Siuslaw River (tidewater)	Mid Coast
OR_SR_1710020608_02_105080	Siuslaw River	Lake Creek to Berkshire Creek (tidewater)	Mid Coast
OR_SR_1710020608_02_105080	Siuslaw River	Lake Creek to Berkshire Creek (tidewater)	Mid Coast
OR_SR_1710020701_02_104922	Fivemile Creek	Bell Creek to Tankenitch Lake	Mid Coast

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710020701_02_104922	Fivemile Creek	Bell Creek to Tankenitch Lake	Mid Coast
OR_SR_1710020701_02_104923	Fivemile Creek	Headwaters WA Unit to Bell Creek	Mid Coast
OR_SR_1710020701_02_104923	Fivemile Creek	Headwaters WA Unit to Bell Creek	Mid Coast
OR_SR_1710020701_02_104926	Bell Creek	Headwaters WA Unit to confluence with Fivemile Creek	Mid Coast
OR_SR_1710020701_02_106372	Bear Creek	Headwaters WA Unit to confluence with Fiddle Creek	Mid Coast
OR_SR_1710020701_02_106373	Fiddle Creek	Headwaters WA Unit to Bear Creek	Mid Coast
OR_SR_1710020701_02_106373	Fiddle Creek	Headwaters WA Unit to Bear Creek	Mid Coast
OR_SR_1710020701_02_106374	Maple Creek	Schultz Creek to Siltcoos Lake	Mid Coast
OR_SR_1710030105_02_105819	North Umpqua River	Lemolo Lake to Toketee Lake	Umpqua
OR_SR_1710030105_02_105819	North Umpqua River	Lemolo Lake to Toketee Lake	Umpqua
OR_SR_1710030105_02_105819	North Umpqua River	Lemolo Lake to Toketee Lake	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030106_02_105330	Pass Creek	Black Jack Creek to confluence with Canton Creek	Umpqua
OR_SR_1710030106_02_105331	Canton Creek	Francis Creek to Pass Creek	Umpqua
OR_SR_1710030106_02_105331	Canton Creek	Francis Creek to Pass Creek	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030106_02_105332	Canton Creek	Pass Creek to confluence with Steamboat Creek	Umpqua
OR_SR_1710030106_02_105332	Canton Creek	Pass Creek to confluence with Steamboat Creek	Umpqua
OR_SR_1710030106_02_105332	Canton Creek	Pass Creek to confluence with Steamboat Creek	Umpqua
OR_SR_1710030106_02_105332	Canton Creek	Pass Creek to confluence with Steamboat Creek	Umpqua
OR_SR_1710030107_02_105333	Little Rock Creek	Headwaters WA Unit to confluence with Steamboat Creek	Umpqua
OR_SR_1710030107_02_105333	Little Rock Creek	Headwaters WA Unit to confluence with Steamboat Creek	Umpqua
OR_SR_1710030107_02_105333	Little Rock Creek	Headwaters WA Unit to confluence with Steamboat Creek	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030107_02_105334	Steamboat Creek	East Fork Steamboat Creek to Little Rock Creek	Umpqua
OR_SR_1710030107_02_105334	Steamboat Creek	East Fork Steamboat Creek to Little Rock Creek	Umpqua
OR_SR_1710030107_02_105336	Steamboat Creek	Little Rock Creek to Canton Creek	Umpqua
OR_SR_1710030107_02_105336	Steamboat Creek	Little Rock Creek to Canton Creek	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030107_02_105336	Steamboat Creek	Little Rock Creek to Canton Creek	Umpqua
OR_SR_1710030107_02_105336	Steamboat Creek	Little Rock Creek to Canton Creek	Umpqua
OR_SR_1710030107_02_105336	Steamboat Creek	Little Rock Creek to Canton Creek	Umpqua
OR_SR_1710030107_02_105337	Big Bend Creek	Bulldog Creek to Steamboat Creek	Umpqua
OR_SR_1710030107_02_105337	Big Bend Creek	Bulldog Creek to Steamboat Creek	Umpqua
OR_SR_1710030108_02_105338	Limpy Creek	Bachelor Creek to confluence with North Umpqua River	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030108_02_105338	Limpy Creek	Bachelor Creek to confluence with North Umpqua River	Umpqua
OR_SR_1710030108_02_105338	Limpy Creek	Bachelor Creek to confluence with North Umpqua River	Umpqua
OR_SR_1710030108_02_105339	North Umpqua River	Soda Springs Reservoir to Copeland Creek	Umpqua
OR_SR_1710030108_02_105339	North Umpqua River	Soda Springs Reservoir to Copeland Creek	Umpqua
OR_SR_1710030108_02_105340	North Umpqua River	Copeland Creek to Steamboat Creek	Umpqua
OR_SR_1710030108_02_105340	North Umpqua River	Copeland Creek to Steamboat Creek	Umpqua
OR_SR_1710030108_02_105341	Copeland Creek	Headwaters WA Unit to confluence with North Umpqua River	Umpqua
OR_SR_1710030108_02_105341	Copeland Creek	Headwaters WA Unit to confluence with North Umpqua River	Umpqua
OR_SR_1710030108_02_105342	North Umpqua River	Steamboat Creek to Rock Creek	Umpqua
OR_SR_1710030108_02_105342	North Umpqua River	Steamboat Creek to Rock Creek	Umpqua
OR_SR_1710030108_02_105342	North Umpqua River	Steamboat Creek to Rock Creek	Umpqua
OR_SR_1710030108_02_105342	North Umpqua River	Steamboat Creek to Rock Creek	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030109_02_105343	Northeast Fork Rock Creek	Confluence of Bluff Creek and Huckleberry Creek to confluence with Rock Creek	Umpqua
OR_SR_1710030109_02_105344	Harrington Creek	Headwaters WA unit to confluence with Rock Creek	Umpqua
OR_SR_1710030109_02_105345	Rock Creek	Northeast Fork Rock Creek to East Fork Rock Creek	Umpqua
OR_SR_1710030109_02_105346	Rock Creek	Cleft Creek to Northeast Fork Rock Creek	Umpqua
OR_SR_1710030109_02_105347	Rock Creek	East Fork Rock Creek to confluence with North Umpqua River	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030109_02_105347	Rock Creek	East Fork Rock Creek to confluence with North Umpqua River	Umpqua
OR_SR_1710030109_02_105349	East Fork Rock Creek	North Fork East Fork Rock Creek to confluence with Rock Creek	Umpqua
OR_SR_1710030109_02_105349	East Fork Rock Creek	North Fork East Fork Rock Creek to confluence with Rock Creek	Umpqua
OR_SR_1710030109_02_105350	North Fork East Fork Rock Creek	Wapiti Creek to confluence with East Fork Rock Creek	Umpqua
OR_SR_1710030110_02_105351	Buckhorn Creek	Headwaters WA Unit to confluence with Little River	Umpqua
OR_SR_1710030110_02_105351	Buckhorn Creek	Headwaters WA Unit to confluence with Little River	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030110_02_105352	Little River	Cavitt Creek to confluence with North Umpqua River	Umpqua
OR_SR_1710030110_02_105352	Little River	Cavitt Creek to confluence with North Umpqua River	Umpqua
OR_SR_1710030110_02_105352	Little River	Cavitt Creek to confluence with North Umpqua River	Umpqua
OR_SR_1710030110_02_105352	Little River	Cavitt Creek to confluence with North Umpqua River	Umpqua
OR_SR_1710030110_02_105352	Little River	Cavitt Creek to confluence with North Umpqua River	Umpqua
OR_SR_1710030110_02_105353	Plusfour Creek	Cavitt Creek	Umpqua
OR_SR_1710030110_02_105353	Plusfour Creek	Cultus Creek to confluence with Cavitt Creek	Umpqua
OR_SR_1710030110_02_105356	Jim Creek	Headwaters WA Unit to confluence with Little River	Umpqua
OR_SR_1710030110_02_105356	Jim Creek	Headwaters WA Unit to confluence with Little River	Umpqua
OR_SR_1710030110_02_105356	Jim Creek	Headwaters WA Unit to confluence with Little River	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030110_02_105359	Little River	Clover Creek to Cavitt Creek	Umpqua
OR_SR_1710030110_02_105359	Little River	Clover Creek to Cavitt Creek	Umpqua
OR_SR_1710030110_02_105359	Little River	Clover Creek to Cavitt Creek	Umpqua
OR_SR_1710030110_02_105359	Little River	Clover Creek to Cavitt Creek	Umpqua
OR_SR_1710030110_02_105359	Little River	Clover Creek to Cavitt Creek	Umpqua
OR_SR_1710030110_02_105360	Little River	Hemlock Creek to Clover Creek	Umpqua
OR_SR_1710030110_02_105360	Little River	Hemlock Creek to Clover Creek	Umpqua
OR_SR_1710030110_02_105360	Little River	Hemlock Creek to Clover Creek	Umpqua
OR_SR_1710030110_02_105360	Little River	Hemlock Creek to Clover Creek	Umpqua
OR_SR_1710030110_02_105361	Black Creek	Headwaters WA Unit to confluence with Little River	Umpqua
OR_SR_1710030110_02_105362	Clover Creek	Headwaters WA Unit to confluence with Little River	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030110_02_105362	Clover Creek	Headwaters WA Unit to confluence with Little River	Umpqua
OR_SR_1710030110_02_105363	Cavitt Creek	Plusfour Creek to confluence with Littler River	Umpqua
OR_SR_1710030110_02_105363	Cavitt Creek	Plusfour Creek to confluence with Littler River	Umpqua
OR_SR_1710030110_02_105363	Cavitt Creek	Plusfour Creek to confluence with Littler River	Umpqua
OR_SR_1710030110_02_105363	Cavitt Creek	Plusfour Creek to confluence with Littler River	Umpqua
OR_SR_1710030110_02_105363	Cavitt Creek	Plusfour Creek to confluence with Littler River	Umpqua
OR_SR_1710030110_02_105364	Cavitt Creek	Withrow Creek to Plusfour Creek	Umpqua
OR_SR_1710030110_02_105364	Cavitt Creek	Withrow Creek to Plusfour Creek	Umpqua
OR_SR_1710030111_02_105365	North Umpqua River	Rock Creek to Little River	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030111_02_105365	North Umpqua River	Rock Creek to Little River	Umpqua
OR_SR_1710030111_02_105365	North Umpqua River	Rock Creek to Little River	Umpqua
OR_SR_1710030111_02_105370	Clover Creek	Headwaters WA Unit to confluence with North Umpqua River	Umpqua
OR_SR_1710030111_02_106414	Sutherlin Creek	Platt 1 Reservoir to confluence with North Umpqua River	Umpqua
OR_SR_1710030111_02_106414	Sutherlin Creek	Platt 1 Reservoir to confluence with North Umpqua River	Umpqua
OR_SR_1710030111_02_106414	Sutherlin Creek	Platt 1 Reservoir to confluence with North Umpqua River	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030111_02_106414	Sutherlin Creek	Platt 1 Reservoir to confluence with North Umpqua River	Umpqua
OR_SR_1710030111_02_106414	Sutherlin Creek	Platt 1 Reservoir to confluence with North Umpqua River	Umpqua
OR_SR_1710030111_02_106415	North Umpqua River	Little River to confluence with Umpqua River	Umpqua
OR_SR_1710030111_02_106415	North Umpqua River	Little River to confluence with Umpqua River	Umpqua
OR_SR_1710030111_02_106415	North Umpqua River	Little River to confluence with Umpqua River	Umpqua
OR_SR_1710030111_02_106415	North Umpqua River	Little River to confluence with Umpqua River	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030201_02_105371	Black Rock Fork	French Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030201_02_105371	Black Rock Fork	French Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030201_02_105371	Black Rock Fork	French Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030201_02_105373	Buckeye Creek	Coyote Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030201_02_105373	Buckeye Creek	Coyote Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030201_02_105373	Buckeye Creek	Coyote Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030201_02_105374	South Umpqua River	Confluence of Prong Creek and Black Rock Fork South Umpqua River to Buckeye Creek	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030201_02_105374	South Umpqua River	Confluence of Prong Creek and Black Rock Fork South Umpqua River to Buckeye Creek	Umpqua
OR_SR_1710030201_02_105374	South Umpqua River	Confluence of Prong Creek and Black Rock Fork South Umpqua River to Buckeye Creek	Umpqua
OR_SR_1710030201_02_105374	South Umpqua River	Confluence of Prong Creek and Black Rock Fork South Umpqua River to Buckeye Creek	Umpqua
OR_SR_1710030202_02_105375	Beaver Creek	Pipestone Creek to confluence with Jackson Creek	Umpqua
OR_SR_1710030202_02_105375	Beaver Creek	Pipestone Creek to confluence with Jackson Creek	Umpqua
OR_SR_1710030202_02_105375	Beaver Creek	Pipestone Creek to confluence with Jackson Creek	Umpqua
OR_SR_1710030202_02_105375	Beaver Creek	Pipestone Creek to confluence with Jackson Creek	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030202_02_105376	Squaw Creek	Donegan Creek to confluence with Jackson Creek	Umpqua
OR_SR_1710030202_02_105377	Falcon Creek	Abbott Creek to confluence with Jackson Creek	Umpqua
OR_SR_1710030202_02_105377	Falcon Creek	Abbott Creek to confluence with Jackson Creek	Umpqua
OR_SR_1710030202_02_105377	Falcon Creek	Abbott Creek to confluence with Jackson Creek	Umpqua
OR_SR_1710030202_02_105378	Jackson Creek	Falcon Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030202_02_105378	Jackson Creek	Falcon Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030202_02_105378	Jackson Creek	Falcon Creek to confluence with South Umpqua River	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030202_02_105378	Jackson Creek	Falcon Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030202_02_105378	Jackson Creek	Falcon Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030202_02_105378	Jackson Creek	Falcon Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030202_02_105379	Jackson Creek	Lonewoman Creek to Falcon Creek	Umpqua
OR_SR_1710030202_02_105379	Jackson Creek	Lonewoman Creek to Falcon Creek	Umpqua
OR_SR_1710030202_02_105379	Jackson Creek	Lonewoman Creek to Falcon Creek	Umpqua
OR_SR_1710030202_02_105379	Jackson Creek	Lonewoman Creek to Falcon Creek	Umpqua
OR_SR_1710030202_02_105379	Jackson Creek	Lonewoman Creek to Falcon Creek	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030203_02_105380	Dumont Creek	Straight Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030203_02_105380	Dumont Creek	Straight Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030203_02_105380	Dumont Creek	Straight Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030203_02_105381	Deadman Creek	Middle Fork Deadman Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030203_02_105381	Deadman Creek	Middle Fork Deadman Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030203_02_105382	Boulder Creek	Lost Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030203_02_105382	Boulder Creek	Lost Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030203_02_105382	Boulder Creek	Lost Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030203_02_105382	Boulder Creek	Lost Creek to confluence with South Umpqua River	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030203_02_10538E	Boulder Creek	Headwaters WA Unit to Last Creek	Umpqua
OR_SR_1710030203_02_10538E	South Umpqua River	Buckeye Creek to Boulder Creek	Umpqua
OR_SR_1710030203_02_10538E	South Umpqua River	Boulder Creek to Elk Creek	Umpqua
OR_SR_1710030203_02_10538E	South Umpqua River	Boulder Creek to Elk Creek	Umpqua
OR_SR_1710030203_02_10538E	South Umpqua River	Boulder Creek to Elk Creek	Umpqua
OR_SR_1710030204_02_10539C	Elk Creek	Flat Creek to confluence with South Umpqua River	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030204_02_105390	Elk Creek	Flat Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030204_02_105391	Elk Creek	Diamond Creek to Flat Creek	Umpqua
OR_SR_1710030204_02_105392	Flat Creek	Shed Creek to confluence with Elk Creek	Umpqua
OR_SR_1710030204_02_105393	Drew Creek	East Fork Drew Creek to confluence with Elk Creek	Umpqua
OR_SR_1710030205_02_105394	Canyon Creek	West Fork Canyon Creek to confluence with South Umpqua River	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030205_02_105394	Canyon Creek	West Fork Canyon Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030205_02_105394	Canyon Creek	West Fork Canyon Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030205_02_105396	Shively Creek	Headwaters WA Unit to East Fork Shively Creek	Umpqua
OR_SR_1710030205_02_105396	Shively Creek	Headwaters WA Unit to East Fork Shively Creek	Umpqua
OR_SR_1710030205_02_105397	Wood Creek	Headwaters WA Unit to confluence with Days Creek	Umpqua
OR_SR_1710030205_02_105397	Wood Creek	Headwaters WA Unit to confluence with Days Creek	Umpqua
OR_SR_1710030205_02_105397	Wood Creek	Headwaters WA Unit to confluence with Days Creek	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030205_02_105398	Days Creek	Wood Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030205_02_105399	Days Creek	Headwaters WA Unit to Wood Creek	Umpqua
OR_SR_1710030205_02_105399	Days Creek	Headwaters WA Unit to Wood Creek	Umpqua
OR_SR_1710030205_02_105399	Days Creek	Headwaters WA Unit to Wood Creek	Umpqua
OR_SR_1710030205_02_105399	Days Creek	Headwaters WA Unit to Wood Creek	Umpqua

AU_ID	AU_Name	AU_Description	OWRD_Basin
OR_SR_1710030205_02_105402	East Fork Stouts Creek	Headwaters WA Unit to confluence with Stouts Creek	Umpqua
OR_SR_1710030205_02_105405	Stouts Creek	Headwaters WA Unit to confluence with South Umpqua River	Umpqua
OR_SR_1710030205_02_105406	Beals Creek	Sweat Creek to confluence with South Umpqua River	Umpqua
OR_SR_1710030205_02_105407	Shively Creek	East Fork Shively Creek to confluence with South Umpqua River	Umpqua

Assessment	IR_category	Rationale	Monitoring_locations
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Enterococci	Category 5	up to 19% of results within a 90-day period > 130 Enterococci per 100 mL	29395-ORDEQ; 29396-ORDEQ; 31535-ORDEQ
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Enterococci	Category 5	up to 17% of results within a 90-day period > 130 Enterococci per 100 mL	30503-ORDEQ; 36219-ORDEQ; 36220-ORDEQ
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
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Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Enterococci	Category 5	up to 20% of results within a 90-day period > 130 Enterococci per 100 mL	29392-ORDEQ; 29393-ORDEQ; 29394-ORDEQ; 31817-ORDEQ; 31818-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 4A	Record ID: 9322- Previous Data: TMDL Approved: 8/20/2003; Record ID: 24733- 2010 Data: EPA addition to 303(d) list 12/14/2012: Four exceedences out of 31 days of sampling at LASAR station 13655, Seaside Beach at Promenade, between 1/18/00 and 7/22/02.	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA up to 12% of results within a 90-day period >	
Enterococci	Category 5	130 Enterococci per 100 mL	29385-ORDEQ; 29386-ORDEQ; 29387-ORDEQ
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	

Assessment	IR_category	Rationale	Monitoring_locations
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
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Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Enterococci	Category 5	up to 25% of results within a 90-day period > 35 Enterococci per 100 mL	29243-ORDEQ; 29245-ORDEQ; 33171-ORDEQ; 34728-ORDEQ; 34745-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
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Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
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Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
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Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	

Assessment	IR_category	Rationale	Monitoring_locations
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Enterococci	Category 5	90-day geometric means were > 35 Enterococci per 100 mL; up to 36% of results within a 90-day period > 130 Enterococci per 100 mL	29310-ORDEQ; 29311-ORDEQ; 31687-ORDEQ
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Shellfish Toxins	Category 5	Based on fish or shellfish consumption advisories issued by ODA or OHA	
Fecal Coliform	Category 4A	Record ID: 19566- Previous Data: TMDL Approved: 8/20/2003	
Enterococci	Category 5	Record ID: 70013	
Iron (total)- Aquatic Life Criteria	Category 5	Record ID: 19830- Previous Data: [DEQ] LASAR 22940 River Mile 1.1: From 7/7/1999 to 7/7/1999, 0 out of 1 samples > applicable Table 20 criterion. [DEQ] LASAR 22941 River Mile 1: From 7/7/1999 to 7/7/1999, 1 out of 1 samples > applicable Table 20 criterion.	
Fecal Coliform	Category 4A	[DEQ] LASAR Record ID: 19566- Previous Data: TMDL Approved: 8/20/2003	
E. coli	Category 4A	Record ID: 9312- Previous Data: TMDL Approved: 8/20/2003	
Arsenic, Inorganic-Human Health Criteria	Category 5	Record ID: 60015- DEQ Data	

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 4A	Record ID: 24858- Based on EPA analysis of available data for 303(d) additions proposed in March 2012: Six exceedences out of 13 days of sampling at LASAR station 24326, Neawanna CR at Hwy 101 BR, between 9/25/00 and 2/7/02.	
E. coli	Category 4A	Record ID: 19466- Previous Data: TMDL Approved: 8/20/2003	
Arsenic, Inorganic-Human Health Criteria	Category 5	Record ID: 3197 Record ID: 3006- Previous Data: TMDL Approved: 8/20/2003; Record ID: 3197- Previous Data: EPA Approval Date: 8/20/2003; Record ID: 9321- Previous Data: TMDL Approved: 8/20/2003; Record ID: 19369- Previous Data: TMDL Approved: 8/20/2003; Record ID: 19569- Previous Data: TMDL Approved: 8/20/2003; Record ID: 19607- Previous Data: TMDL Approved: 8/20/2003; Record ID: 19639- Previous Data: TMDL Approved: 8/20/2003	
Fecal Coliform	Category 4A	Approved: 8/20/2003	
Temperature- Year Round	Category 4A	Record ID: 2972- Previous Data: TMDL Approved: 8/20/2003	
Fecal Coliform	Category 4A	Record ID: 19284- Previous Data: TMDL Approved: 8/20/2003	
Temperature- Year Round	Category 4A	12 7DADM results exceed criteria	11856-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
E. coli	Category 4A	<p>Record ID: 24878- Based on EPA analysis of available data for 303(d) additions proposed in March 2012: Ten exceedences of the 406 maximum criteria out of 30 days of sampling at LASAR station 26032, Upton Slough at Nestucca Bay Wildlife Refuge US of tidegate, between 10/7/; Record ID: 24879- Based on EPA analysis of available data for 303(d) additions proposed in March 2012: Eight exceedences of the 406 maximum criteria out of 9 days of sampling at LASAR station 26032, Upton Slough at Nestucca Bay Wildlife Refuge US of tidegate, between 8/12</p> <p>Record ID: 3011- Previous Data: USEPA Approval date: 5/13/2002; Record ID: 19712- Previous Data: TMDL Approved: 7/31/2001; Record ID: 19783- Previous Data: TMDL Approved: 7/31/2001; Record ID: 19846- Previous Data: TMDL Approved: 7/31/2001</p>	
Fecal Coliform	Category 4A		
Flow Modification Temperature- Year Round	Category 4C Category 4A	<p>Record ID: 3193- Coastal Coho and steelhead have been petitioned for federal listing under the ESA, reduced stream flows have been identified as one of the contributing factors (Nestucca W/S Analysis, 1994); IWR (71242) is often not met at USGS gage (14303600). Record ID: 2989- Previous Data: USEPA Approval Date: 5/13/2002</p> <p>Record ID: 19712- Previous Data: TMDL Approved: 7/31/2001</p>	
Fecal Coliform	Category 4A		

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 4A	Record ID: 21060- Previous Data: [DEQ/ODA - Salem] LASAR 10523 River Mile 7.2: From 6/22/1994 to 11/4/2003, 6 out of 37 samples (16%) < 11 mg/l and applicable % saturation.	
Fecal Coliform	Category 4A	Record ID: 19783- Previous Data: TMDL Approved: 7/31/2001	
Flow Modification	Category 4C	Record ID: 3193- Coastal Coho and steelhead have been petitioned for federal listing under the ESA, reduced stream flows have been identified as one of the contributing factors (Nestucca W/S Analysis, 1994); IWR (71242) is often not met at USGS gage (14303600).	
Temperature-Spawning	Category 4A	18 excursions of critria	10523-ORDEQ
Temperature- Year Round	Category 4A	126 excursions of critria	10523-ORDEQ; 13450-ORDEQ
Arsenic, Inorganic-Human Health Criteria	Category 5	Doesn't meet minimum delisting requirements 11 geometric means > 126 organisms per 100 mL	
E. coli	Category 5	Record ID: 3198- Previous Data: USEPA Approval Date: 7/31/2001; Record ID: 3199- Previous Data: TMDL Approved: 7/31/2001; Record ID: 19388- Previous Data: TMDL Approved: 7/31/2001; Record ID: 19413- Previous Data: TMDL Approved: 7/31/2001; Record ID: 19651- Previous Data: TMDL Approved: 7/31/2001; Record ID: 19652- Previous Data: TMDL Approved: 7/31/2001	13410-ORDEQ; 33140-ORDEQ
Fecal Coliform	Category 4A	Record ID: 19652- Previous Data: TMDL Approved: 7/31/2001	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 4A	Record ID: 2987- Previous Data: USEPA approval date: 07/31/2001 Record ID: 9544- Previous Data: LASAR 13433 RM 4.5: 3/24 samples; Record ID: 24687- 2010 Data: EPA addition to 303(d) list 12/14/2012: Seven exceedence of the spawning criteria (11mg/l or 95% saturation) out of 44 days of sampling between 1/27/99 and 3/30/11) at LASAR station 13421, Wilson River at Hwy 101; Record ID: 24688- 2010 Data: EPA addition to 303(d) list 12/14/2012: Six exceedence of the spawning criteria out of 38 days of sampling between 1/27/99 and 3/30/11) at LASAR station 13417, Kilchis River at Alderbrook Road.	
Dissolved Oxygen- Spawning	Category 5		
Dissolved Oxygen- Year Round	Category 5	Record ID: 3309- Previous Data: LASAR 12832: 8/20 samples < 6.5; Record ID: 21129- Previous Data: [DEQ/ODA - Salem] LASAR 12832 River Mile 2.1: From 9/24/1997 to 10/29/1998, 5 out of 11 samples (46%) < 6.5 mg/l and applicable % saturation.	13433-ORDEQ; 13417-ORDEQ; 13421-ORDEQ; 13431-ORDEQ; 34440-ORDEQ
Dissolved Oxygen - Estuary- Year Round	Category 5	45 of 264 samples < estuary criteria	13433-ORDEQ; 13417-ORDEQ; 13421-ORDEQ; 13431-ORDEQ; 34440-ORDEQ
E. coli	Category 5	4 geometric means > 126 organisms per 100 mL; 75 of 517 samples > 406 organisms per 100 mL	12832-ORDEQ; 12836-ORDEQ; 13417-ORDEQ; 13421-ORDEQ; 13431-ORDEQ; 13433-ORDEQ; 13474-ORDEQ; 33137-ORDEQ; 33155-ORDEQ; 33573-ORDEQ; 34440-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
		Record ID: 3014- Previous Data: USEPA approval date: 07/31/2001; Record ID: 3015- Previous Data: USEPA approval date: 07/31/2001; Record ID: 3017- Previous Data: USEPA approval date: 07/31/2001; Record ID: 3018- Previous Data: USEPA approval date: 07/31/2001; Record ID: 3030- Previous Data: USEPA Approval Date: 7/31/2001; Record ID: 3039- Previous Data: USEPA Approval Date: 7/31/2001; Record ID: 3230- Previous Data: USEPA Approval Date: 7/31/2001; Record ID: 3235- Previous Data: USEPA approval date: 07/31/2001; Record ID: 3242- Previous Data: USEPA Approval Date: 7/31/2001; Record ID: 3263- Previous Data: USEPA approval date: 07/31/2001; Record ID: 3265- Previous Data: USEPA approval date: 07/31/2001; Record ID: 19205- Previous Data: TMDL Approved: 7/31/2001; Record ID: 19222- Previous Data: TMDL Approved: 7/31/2001; Record ID: 19259- Previous Data: TMDL Approved: 7/31/2001; Record ID: 19310- Previous Data: TMDL Approved: 7/31/2001; Record ID: 19330- Previous Data: TMDL Approved: 7/31/2001	
Fecal Coliform	Category 4A		
Temperature-			
Spawning	Category 4A	31 excursions of criteria	12959-ORDEQ
Temperature- Year			
Round	Category 4A	157 7DADM excursions of criteria	12959-ORDEQ; 34440-ORDEQ
Arsenic, Inorganic-			
Human Health			
Criteria	Category 5	Doesn't meet minimum delisting requirements	

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 4A	Record ID: 19764- 2010 Data: EPA addition to 303(d) list 12/14/2012: Two exceedences out of 19 days of sampling at LASAR station 13314, Netarts Bay at Cape Lookout-Netarts RD junction, between 2/16/00 and 5/22/02. Previous Data: [ODA] LASAR 13311 River Mile 0.5: Fro	
Aquatic Weeds	Category 5	Record ID: 23228; Record ID: 23229	
Arsenic, Inorganic- Human Health Criteria	Category 5	Does not meet delisting rquirements	
Temperature- Year Round	Category 5	Record ID: 24739- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 23.9 C in July 2004 and 22.1 C in July 2005 at LASAR station 33113, Yaquina Mainstem at Eddyville Hwy 20 downstream of confluence with Lit	
Dissolved Oxygen- Spawning	Category 5	4 of 4 samples < criteria and % sat	34762-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 5	Record ID: 2743- Previous Data: [ODA] LASAR 13339 River Mile 0.1: From 3/2/1994 to 11/13/2001, 8 out of 26 samples (31%) > 43 organisms; median concentration of 23 Previous Data: DEQ Data (Site 412046; Mile 0.1): Exceeded log mean criteria (14) with a value of 26 a; Record ID: 2744- Previous Data: TMDL Approved: 5/13/2002; Record ID: 24740- 2010 Data: EPA addition to 303(d) list 12/14/2012: Six exceedences out of 7 days of sampling at LASAR station 11486, Yaquina River at Trapp Road (Chitwood), between 12/11/01 and 10/17/07. Six exceedences out of 26 days of sampling at LASAR station 13	
Sedimentation	Category 5	Record ID: 2839- Previous Data: Salmon Stocks are declining coastwide, sediment are above reference conditions in the watershed (Big Elk Watershed Analysis, USFS, 1995).	
Temperature- Year Round	Category 5	3 of 3 7DADM values > criteria	34456-ORDEQ
E. coli	Category 5	2 of 6 samples > 406 organisms per 100 mL	35092-ORDEQ
Fecal Coliform	Category 5	Record ID: 2904- Previous Data: DEQ Data (Site 412055; Mile 0.1): 37% (3 of 8) FWS values exceeded fecal coliform standard (400) with a maximum value of 1100 during 1986.	
Arsenic, Inorganic- Human Health Criteria	Category 5	Doesn't meet minimum delisting requirements. Move to cat 3B due to not enough data to delist	

Assessment	IR_category	Rationale	Monitoring_locations
Chloride- Aquatic Life Criteria	Category 5	Record ID: 25980- DEQ Data Record ID: 24717- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 18.1 C in July 2003 and 18.3 in July 2004 at LASAR station 30701,	
Temperature- Year Round	Category 5	Schooner Creek 0.3 miles above Anderson Road Bridge (River Mile 3.2) (S 21 geometric means > 126 organisms per 100 mL; 6 of 184 samples > 406 organisms per 100 mL	
E. coli	Category 5		34114-ORDEQ
Temperature- Year Round	Category 5	Record ID: 2729- Previous Data: USFS Data (Site at Mapleton Rd): 7 day average of daily maximums of 69.3 exceeded temperature standard (64) in 1992. 4 sites in 1995: at mouth was 66.3??F; at Marks Cr. was 66.5??F; at Beamer Cr. was 66.2??F; and at Keller Cr. was 65.5??; Record ID: 2924- Previous Data: Three sites: upper site in 1994/95 7 day ave. max. of temperature standard (64??F) was exceeded 4/0 days; middle sites were exceeded 18/10 days; lower site nd/65 days. 48 geometric means > 126 organisms per 100 mL; 29 of 176 samples > 406 organisms per 100 mL	
E. coli	Category 5		35477-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 24717- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 18.1 C in July 2003 and 18.3 in July 2004 at LASAR station 30701, Schooner Creek 0.3 miles above Anderson Road Bridge (River Mile 3.2) (S	
Temperature- Year Round	Category 5	0 of 73 7-DADM values > criteria - No results in critical period of 7/1 - 9/30	38941-ORDEQ
Fecal Coliform	Category 5	median 90-day fecal coliform concentration > 14 organisms per 100 mL; and > 10% of samples taken over 90-days > 43 organisms per 100 mL	13459-ORDEQ
Temperature- Year Round	Category 5	Record ID: 24710- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 19.2 C in August 2003 and 18.1 C in August 2004 at LASAR station 32113, Crowley Creek at 3 Rocks Road Bridge (Siletz-Yaquina).	
Dissolved Oxygen-Spawning	Category 5	12 of 26 samples < criteria and % sat	10525-ORDEQ; 35486-ORDEQ; 11241-ORDEQ; 13464-ORDEQ; 37003-ORDEQ; 37004-ORDEQ; 39132-ORDEQ
E. coli	Category 5	9 geometric means > 126 organisms per 100 mL; 5 of 246 samples > 406 organisms per 100 mL	11241-ORDEQ; 13464-ORDEQ; 39132-ORDEQ
Fecal Coliform	Category 5	Record ID: 19906- Previous Data: [DEQ/ODA - Salem] LASAR 11241 River Mile 4.3: From 3/22/1994 to 5/7/2002, 17 out of 39 samples (44%) > 43 organisms; median concentration of 40	

Assessment	IR_category	Rationale	Monitoring_locations
Arsenic, Inorganic-Human Health Criteria	Category 5	Geomean = criteria; not sufficient to delist > 10% of samples taken over 90-days > 43 organisms per 100 mL	13352-ORDEQ; 13678-ORDEQ
Fecal Coliform	Category 5	Record ID: 8341- Previous Data: [ODA] LASAR 11262 River Mile 8.3: From 2/13/1997 to 3/5/2002, 9 out of 50 samples (18%) > 43 organisms; median concentration of 15.5 [ODA] LASAR 13357 River Mile 9.6: From 2/13/1997 to 11/9/1999, 15 out of 52 samples (29%) > 43 organisms	
Fecal Coliform	Category 5	0 of 86 7-DADM values > criteria - not full critical period	SNF-038
Temperature- Year Round	Category 5	Record ID: 20268- Previous Data: [DEQ/ODHS] LASAR 18804 River Mile 0.1: From 1/12/1999 to 9/26/2001, 2 out of 15 samples (13%) > 43 organisms; median concentration of 18	
Fecal Coliform	Category 5	Does not meet delisting requirements > 10% of samples taken over 90-days > 43 organisms per 100 mL	32178-ORDEQ; 34094-ORDEQ
Arsenic, Inorganic-Human Health Criteria	Category 5		
Fecal Coliform	Category 5		
Sedimentation	Category 5	Record ID: 2872- Previous Data: Coho, steelhead and cutthroat populations have declined recently, sedimentation has been identified as a concern in the watershed (N FK Siuslaw Watershed Analysis, USFS, 1994).	
Temperature- Year Round	Category 5	Data insufficient to calculate 7DADM value	

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 2806- Coho, steelhead and cutthroat populations have declined recently, lack of LWD and pool habitat has been identified as a concern in the watershed (N FK Siuslaw Watershed Analysis, USFS, 1994).	
Sedimentation	Category 5	Record ID: 2872- Previous Data: Coho, steelhead and cutthroat populations have declined recently, sedimentation has been identified as a concern in the watershed (N FK Siuslaw Watershed Analysis, USFS, 1994).	
Temperature- Year Round	Category 5	Record ID: 13297- Previous Data: [NF - Siuslaw] LASAR 28051 River Mile 21.1: From 6/14/1999 to 9/15/2000, 39 days with 7-day-average maximum > 18 degrees Celsius. [NF - Siuslaw] LASAR 28063 River Mile 23.7: From 6/14/1999 to 10/2/1999, 0 days with 7-day-average maximum	
E. coli	Category 5	Geometric mean of 231 > Criteria Record ID: 20315- Previous Data: [DEQ/ODA - Salem] LASAR 10392 River Mile 19.7: From 3/22/1994 to 5/7/2002, 4 out of 41 samples (10%) > 43 organisms; median concentration of	10392-ORDEQ; 33642-ORDEQ; 34082-ORDEQ; 38106-ORDEQ
Fecal Coliform	Category 5	17	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13310- Previous Data: [BLM - Eugene] LASAR 28122 River Mile 76.5: From 6/19/2000 to 9/14/2002, 213 days with 7-day-average maximum > 18 degrees Celsius. [DEQ] LASAR 23827 River Mile 58.4: From 6/11/2000 to 9/15/2000, 81 days with 7-day-average maximum > 18 de	

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 5	<p>Record ID: 5649- 2004 Data: [DEQ] LASAR 26458 River Mile 8.8: From 11/27/2001 to 12/4/2001, 5 out of 6 samples (83%) > 43 organisms; median concentration of 100 [DEQ/ODA - Salem] LASAR 13372 River Mile 10.1: From 2/16/1994 to 4/8/2002, 20 out of 76 samples (26%) > 43; Record ID: 5650- 2004 Data: [DEQ/ODA - Salem] LASAR 13700 River Mile 2.9: From 2/16/1994 to 8/26/2002, 18 out of 119 samples (15%) > 43 organisms; median concentration of 8 [DEQ/ODA - Salem] LASAR 13704 River Mile 6.4: From 2/16/1994 to 8/26/2002, 13 out of 106 sample; Record ID: 5651- 2004 Data: [DEQ/ODA - Salem] LASAR 13697 River Mile 0.4: From 2/16/1994 to 8/26/2002, 8 out of 105 samples (8%) > 43 organisms; median concentration of 5 [DEQ/ODA - Salem] LASAR 13698 River Mile 0.6: From 2/16/1994 to 8/26/2002, 6 out of 101 samples (; Record ID: 5652- 2004 Data: [DEQ] LASAR 15576 River Mile 2.5: From 5/19/1999 to 5/19/1999, 0 out of 1 samples (0%) > 43 organisms; median concentration of 0 [DEQ] LASAR 15577 River Mile 4.1: From 5/19/1999 to 5/19/1999, 1 out of 1 samples</p>	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13302- 2004 Data: [DEQ] LASAR 24121 River Mile 69.4: From 6/27/2000 to 7/14/2000, 14 days with 7-day-average maximum > 18 degrees Celsius. [DEQ] LASAR 24102 River Mile 77.5: From 6/27/2000 to 7/14/2000, 3 days with 7-day-average maximum > 18 degrees Celsius.	
Fecal Coliform Manganese- Human Health Criteria	Category 5	Record ID: 5652- 2004 Data: [DEQ] LASAR 15576 River Mile 2.5: From 5/19/1999 to 5/19/1999, 0 out of 1 samples (0%) > 43 organisms; median concentration of 0 [DEQ] LASAR 15577 River Mile 4.1: From 5/19/1999 to 5/19/1999, 1 out of 1 samples (100%) > 43 organisms; median	
Temperature- Year Round	Category 5	Geomean of 6 samples > criteria Record ID: 13302- 2004 Data: [DEQ] LASAR 24121 River Mile 69.4: From 6/27/2000 to 7/14/2000, 14 days with 7-day-average maximum > 18 degrees Celsius. [DEQ] LASAR 24102 River Mile 77.5: From 6/27/2000 to 7/14/2000, 3 days with 7-day-average maximum > 18 degrees Celsius.	
Fecal Coliform	Category 5	Record ID: 20491- 2004 Data: [DEQ] LASAR 26452 River Mile 19.1: From 11/27/2001 to 12/4/2001, 6 out of 6 samples (100%) > 43 organisms; median concentration of 158 [DEQ] LASAR 26460 River Mile 13.2: From 11/27/2001 to 12/4/2001, 6 out of 6 samples (100%) > 43 organisms	

Assessment	IR_category	Rationale	Monitoring_locations
Arsenic, Inorganic-Human Health Criteria	Category 5	Record ID: 4693- DEQ Data; Record ID: 60083- DEQ Data; Record ID: 60085- Tissue - soft shell clam - arsenic ; Record ID: 60087- Tissue - soft shell clam - arsenic	
Dissolved Oxygen - Estuary- Year Round	Category 5	5166 out of 12075 samples < estuary criteria Record ID: 24813- 2010 Data: EPA addition to 303(d) list 12/14/2012: Three exceedences of the 406 maximum criteria out of 5 days of sampling at LASAR station 28757, Hallmark Seafood, Coos, between 6/14/06 and 9/20/06.	11885-ORDEQ; 13388-ORDEQ; 13400-ORDEQ; 13587-ORDEQ; 33476-ORDEQ; 37415-ORDEQ; CTCEDWQ; CTCNSWQ; soschwq ; sosecwq ; sossewq ; sosvawq ; soswiwq
E. coli	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 5	Record ID: 4689- Previous Data: [DEQ/ODA - Salem] LASAR 13605 River Mile 8.1: From 1/4/1994 to 8/6/2002, 17 out of 118 samples (14%) > 43 organisms; median concentration of 7 [ODA] LASAR 20449 River Mile 10: From 5/24/1999 to 8/6/2002, 4 out of 51 samples (8%) > 43 org; Record ID: 4691- Previous Data: [DEQ] LASAR 11884 River Mile 0.4: From 2/28/2001 to 4/1/2002, 1 out of 5 samples (20%) > 43 organisms; median concentration of 24 [DEQ/ODA - Salem] LASAR 13387 River Mile 0.1: From 1/4/1994 to 8/6/2002, 25 out of 82 samples (30%) > 43 or; Record ID: 4692- Previous Data: [DEQ/ODA - Salem] LASAR 13590 River Mile 0.9: From 1/4/1994 to 8/26/2002, 17 out of 114 samples (15%) > 43 organisms; median concentration of 8 [DEQ/ODA - Salem] LASAR 13642 River Mile 1.8: From 2/1/1994 to 8/6/2002, 28 out of 137 sample; Record ID: 4693- Previous Data: [DEQ/ODA - Salem] LASAR 13400 River Mile 0.4: From 1/5/1994 to 8/27/2002, 15 out of 145 samples (10%) > 43 organisms; median concentration of 8 [DEQ/ODA - Salem] LASAR 13601 River Mile 0.9: From 3/9/1998 to 11/25/2003, 7 out of 79 sample; Record ID: 4694- Previous Data: DEQ	soschwq ; sosecwq ; sossewq ; sosvawq ; soswiwq
Temperature- Year Round	Category 5	Changed from Cat2; Cat5 -Code error. Actually 1045 of 3438 7DADM values exceed criteria. Existence of fishcode 22 caused error	soschwq ; sosecwq ; sossewq ; sosvawq ; soswiwq

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 5	<p>Record ID: 4690- Previous Data: [ODA] LASAR 13576 River Mile 4.7: From 9/26/1996 to 10/15/1996, 2 out of 2 samples (100%) > 43 organisms; median concentration of 0</p> <p>[ODA] LASAR 13578 River Mile 1.9: From 9/26/1996 to 11/14/1996, 2 out of 3 samples (67%) > 43 organisms;; Record ID: 4701- Previous Data: DEQ Data (Site 412294; at mouth): 86% (6 of 7) FWS values exceeded fecal coliform standard (400) with a maximum of 4000 in WY 1982 (Jackson et al, 1983).;</p> <p>Record ID: 4947- Previous Data: DEQ Data (Site 412294; at mouth): 60% (3 of 5) Summer values exceeded fecal coliform standard (400) with a maximum of 2300 in WY 1982 (Jackson et al, 1983).;</p> <p>Record ID: 4964- Previous Data: DEQ Data (Site 412298; Mile 0.1): 13% (4 of 30) FWS values exceeded fecal coliform standard (400) with a maximum value of 1100 between 1988 - 1995.;</p> <p>Record ID: 20181- Previous Data: [ODA] LASAR 12941 River Mile 0.1: From 7/21/1998 to 1/2/2002, 5 out of 27 samples (19%) > 43 organisms; median concentration of 21</p> <p>[DEQ/ODA - Salem] LASAR 13574 River Mile 2.6: From 3/6/1996 to 5/22/2002, 11 out of 33 samples (33%) > 43; Record ID: 20191- Previous Data: [DEQ/ODA - Salem] LASAR 13570 River Mile 3.7: From 9/26/1996 to</p>	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	<p>Record ID: 24721- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 21.4 C in July 1999 at LASAR station 23078, West Fork Millicoma off 8000 Road. Exceedences of the salmonid rearing criterion (18C) as high; Record ID: 24742- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 19 C in July 2007 at LASAR station 34755, Daniels Creek at RM 2.0. Exceedences of the salmonid rearing criterion (18C) as high as 21.1 C i; Record ID: 24746- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 24.2 C in July 2007 at LASAR station 33542, Mart Davis Creek at mouth.; Record ID: 24747- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 26.2 C in July 2005 at LASAR station 32417, South Fork Coos River at River Mile 20 near mile post 6. Exceedences of the salmonid rearing c; Record ID: 24769- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion</p>	

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 5	Record ID: 20516- 2010 Data: EPA addition to 303(d) list 12/14/2012: Eleven exceedences out of 126 days of sampling at LASAR station 25998, Noble Creek at tidegate, between 4/1/02 and 10/18/07. Previous Data: [DEQ] LASAR 25998 River Mile 0.2: From 8/29/2001 to 4/1/2	
Temperature- Year Round	Category 5	Record ID: 24799- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 25.9 C in July 2006 at LASAR station 25998, Noble Creek at tidegate.	
Fecal Coliform	Category 5	Record ID: 20523- 2010 Data: EPA addition to 303(d) list 12/14/2012: Six exceedences out of 6 days of sampling at LASAR station 25997, Davis Slough at Highway 101, between 4/1/02 and 1/7/07. Previous Data: [DEQ] LASAR 25997 River Mile 1: From 8/29/2001 to 4/1/2002,	
Fecal Coliform	Category 5	Record ID: 20503- 2010 Data: EPA addition to 303(d) list 12/14/2012: Ten exceedences out of 10 days of sampling at LASAR station 11884, Coalbank Slough at Hwy 101 (Coos Bay), between 9/12/00 and 1/8/02. Four exceedences out of 32 days of sampling at LASAR station 1365	

Assessment	IR_category	Rationale	Monitoring_locations
E. coli	Category 5	<p>Record ID: 24803- 2010 Data: EPA addition to 303(d) list 12/14/2012: Three exceedences of the 406 maximum criteria out of 7 days of sampling at LASAR station 13598, Pony Creek south of North Bend High School, between 10/11/01 and 1/7/07.; Record ID: 24804- 2010 Data: EPA addition to 303(d) list 12/14/2012: Two exceedences of the 406 maximum criteria out of 6 days of sampling at LASAR station 13598, Pony Creek south of North Bend High School, between 8/27/01 and 9/20/06. Record ID: 4710- Previous Data: DEQ Data (Site 412315; South of High School): 78% (7 of 9) FWS values exceeded fecal coliform standard (400) with a maximum of 8500 in WY 1982 (Jackson et al, 1983).; Record ID: 20525- Previous Data: [DEQ] LASAR 25031 River Mile 1.2: From 2/28/2001 to 2/28/2001, 0 out of 1 samples (0%) > 43 organisms; median concentration of 0 [DEQ] LASAR 25034 River Mile 2.1: From 2/28/2001 to 2/28/2001, 0 out of 1 samples (0%) > 43 organisms; media</p>	
Fecal Coliform	Category 5		
Temperature- Year Round	Category 5	<p>Record ID: 24805- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 21.1 C in August 2006 and 22.7 C in July 2007 at LASAR station 13597, Pony Creek at Woodland Drive. Exceedences of the salmonid rearing cr</p>	

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 5	Record ID: 4702- Previous Data: DEQ Data (Site 412312; at Russell Rd): 60% (3 of 5) Summer values exceeded fecal coliform standard (400) with a maximum of 1400 in WY 1982 (Jackson et al, 1983).; Record ID: 4948- Previous Data: DEQ Data (Site 412312; at Russell Rd): 27% (3 of 11) FWS values exceeded fecal coliform standard (400) with a maximum of 700 in WY 1982 (Jackson et al, 1983).	
E. coli	Category 5	Record ID: 24779- 2010 Data: EPA addition to 303(d) list 12/14/2012: Two exceedences of the 406 maximum criteria out of 6 days of sampling at LASAR station 13593, Mettman Creek at mouth, between 10/11/01 and 1/5/07.; Record ID: 24798- 2010 Data: EPA addition to 303(d) list 12/14/2012: Two exceedences of the 406 maximum criteria out of 7 days of sampling at LASAR station 13594, Kentuck Creek at mouth (upstream of tidegate), between 10/11/01 and 1/7/07.	
Fecal Coliform	Category 5	Record ID: 24780- 2010 Data: EPA addition to 303(d) list 12/14/2012: Ten exceedences out of 10 days of sampling at LASAR station 13593, Mettman Creek at mouth, between 6/14/06 and 10/18/07.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 24781- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 26.6 C in August 2006 at LASAR station 13593, Mettman Creek at mouth.; Record ID: 24782- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 19.2 C in July 2007 at LASAR station 34757, Kentuck Creek at RM 3.5.	
Fecal Coliform	Category 5	Record ID: 4696- Previous Data: DEQ Data (Site 412304; Mile 0.2): Exceeded fecal coliform log mean criteria (14) with a value of 16 and exceeded 90% criteria with a value of 140 between WY 1992 - 1995.	
Temperature- Year Round	Category 5	Record ID: 24802- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 26.6 C in August 2006 at LASAR station 34185, North Creek at 1st BR on North Way Rd.	
Fecal Coliform	Category 5	Record ID: 20447- Previous Data: [DEQ/ODA - Salem] LASAR 13588 River Mile 0.1: From 1/18/1994 to 4/2/2002, 3 out of 11 samples (27%) > 43 organisms; median concentration of 10	

Assessment	IR_category	Rationale	Monitoring_locations
E. coli	Category 5	<p>Record ID: 24791- 2010 Data: EPA addition to 303(d) list 12/14/2012: Three exceedences of the 406 maximum criteria out of 6 days of sampling at LASAR station 13896, Larson Creek at mouth, between 8/29/01 and 9/20/06. Four exceedences of the 406 maximum criteria out of 6</p>	
Fecal Coliform	Category 5	<p>Record ID: 4695- Previous Data: DEQ Data (2 Sites: 412369, 412306; RM 0.05, 0.1): 23% (3 of 13) and 0% (0 of 7) Summer values respectively exceeded fecal coliform standard (400) with a maximum value of 1600 between 1989 - 1995.; Record ID: 4929- Previous Data: DEQ Data (4 Sites: 412369, 412306, 404558, 404560; RM 0.05, 0.1, 0.8, 3.7): 38% (13 of 34), 37% (7 of 19), 33% (2 of 6), 0% (0 of 7) FWS values exceeded fecal coliform standard (400) with a maximum of 2400, 1100, and 1100 respectively bet; Record ID: 20470- Previous Data: [DEQ/ODA - Salem] LASAR 13643 River Mile 0.2: From 2/1/1994 to 1/4/2000, 23 out of 28 samples (82%) > 43 organisms; median concentration of 230 [DEQ/ODA - Salem] LASAR 13589 River Mile 0.3: From 1/18/1994 to 2/4/2002, 2 out of 5 samples</p>	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 24792- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 22.4 C in August 2006 at LASAR station 11868, Larson Creek at first bridge upstream of mouth.	
Chlorophyll-a	Category 4A	21 of 67 results > 0.015 µg/L; 12 of 41 3-consecutive-month-averages > 0.015 µg/L	29439-ORDEQ; 29440-ORDEQ; 34827-ORDEQ; 38171-ORDEQ
Dissolved Oxygen- Spawning	Category 5	Carried forward from previous listing	
Dissolved Oxygen - Estuary- Year Round	Category 5	17 out of 66 samples < estuary criteria	29439-ORDEQ; 29440-ORDEQ; 34827-ORDEQ; 35447-ORDEQ; 38171-ORDEQ
Arsenic, Inorganic- Human Health Criteria	Category 5	Record ID: 4977- DEQ Data; Record ID: 60012- DEQ Data median 90-day fecal coliform concentration > 14 organisms per 100 mL; and > 10% of samples taken over 90-days > 43 organisms per 100 mL	
Fecal Coliform	Category 5		13525-ORDEQ; 13530-ORDEQ; 13680-ORDEQ
Dissolved Oxygen - Estuary- Year Round	Category 4A	Record ID: 12473- Previous Data: TMDL Approved: 7/3/1996 1 geometric mean > 126 organisms per 100 mL; 2 of 35 samples > 406 organisms per 100 mL	13405-ORDEQ
E. coli	Category 5		11573-ORDEQ; 11721-ORDEQ; 11768-ORDEQ; 13405-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform Temperature- Spawning	Category 5	Record ID: 4712- Previous Data: DEQ Data (Site 404254; RM 3.0): 22% (2 of 9) FWS values exceeded fecal coliform standard (400) with a maximum value of 1100 between 1988 - 1992.; Record ID: 4718- Previous Data: DEQ Data (2 Sites; 412114, 402273; RM 16.0, 24.45): 25% (2 of 8) and 27% (4 of 15) FWS values respectively exceeded fecal coliform standard (400) with maximum values of 1100 and 1760 between WY 1986 - 1995.; Record ID: 20671- Previous Data: [DEQ] LASAR 11573 River Mile 0.5: From 8/1/2001 to 9/19/2001, 2 out of 2 samples (100%) > 43 organisms; median concentration of 0; Record ID: 20723- Previous Data: [DEQ/ODA - Salem] LASAR 11721 River Mile 5.6: From 1/15/1997 to 5/29/2002, 23 out of 71 samples (32%) > 43 organisms; median concentration of 23 [ODA] LASAR 11722 River Mile 5: From 1/16/1997 to 2/22/2000, 16 out of 52 samples (31%) > 43	
	Category 5	Carried forward from previous listing	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13329- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 20.8 C in July 2003 LASAR station 30661, Bear Creek above Mack Creek at River Mile 6.0. Exceedences of the salmonid rearing criterion (18C; Record ID: 24809- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 18.3 C in August 2003 and 18.1 C in August 2004 at LASAR station 30662, Lampa Creek at River Mile 1.1.; Record ID: 24811- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 18.8 C in July 2003 at LASAR station 31854, Hatchet Slough at River Mile 1.3 (Coquille River). Exceedences of the salmonid rearing criteri	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 24825- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 71.9 F (22.2 C) in August 2003 at LASAR station 18823, Twomile Creek at Hwy 101 (tributary to Pacific).; Record ID: 24826- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 21.8 C in July 2006, 20.6 C in July 2007 and July 2009 at LASAR station 33374, Fourmile Creek 2 (ODFW). Exceedences of the salmonid rearin	
Temperature- Year Round	Category 5	Record ID: 24829- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 19.8 C in August 2004 at LASAR station 25858, Morten Creek downstream of Wallers. Exceedences of the salmonid rearing criterion (18C) as h	
Fecal Coliform	Category 4A	Record ID: 20749- Previous Data: [DEQ/ODA - Salem] LASAR 10414 River Mile 11.2: From 3/29/1994 to 5/21/2002, 5 out of 39 samples (13%) > 43 organisms; median concentration of 6	
Temperature- Year Round	Category 5	331 out of 431 7DADM values exceed criteria	38084-ORDEQ; 38086-ORDEQ; 40023-ORDEQ; 40024-ORDEQ; 40025-ORDEQ
Temperature- Year Round	Category 5	Data insufficient to calculate 7DADM value	
Dissolved Oxygen - Estuary- Year Round	Category 5	2 of 5 samples < estuary criteria	36228-ORDEQ; 36750-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
pH	Category 5	4 of 6 results > 8.5 standard	25444-ORDEQ
Harmful Algal Blooms	Category 5	Record ID: 23208	
Harmful Algal Blooms	Category 5	Record ID: 23208 Record ID: 3387- Previous Data: OSHD Health Advisory based on DEQ data: Levels of mercury in fish tested from the Antelope system ranged from 2.4 to 3.6 mg/kg with a mean of 2.9 mg/kg which is almost 3 times the level allowed by FDA for commercial fish (1.0 mg/kg),	
Methylmercury-Human Health Criteria	Category 5	Record ID: 3386- Previous Data: OSHD Health Advisory based on DEQ data: Levels of mercury in fish tested from the Antelope system ranged from 2.4 to 3.6 mg/kg with a mean of 2.9 mg/kg which is almost 3 times the level allowed by FDA for commercial fish (1.0 mg/kg).; Record ID: 3431- Previous Data: Health Division Consumption Health Advisory issues for Mercury in fish tissue (.56 ppm) based on data collected since 1969; Reference level (.35 ppm)	
Methylmercury-Human Health Criteria Arsenic, Inorganic-Human Health Criteria	Category 5	Geomean of 14 samples > criteria	

Assessment	IR_category	Rationale	Monitoring_locations
Iron (total)- Aquatic Life Criteria	Category 5	9 of 14 samples > 1000 µg/L Record ID: 3426- Previous Data: OSHD fish consumption advisory (1993): Mercury values in fish from Owyhee Reservoir ranged between 0.65 - 1.77 ppm which exceed EPA advisory levels of 0.6 ppm and FDA advisory levels of 1.0 ppm.	
Methylmercury- Human Health Criteria	Category 5	Record ID: 124	OWY002
pH	Category 5	Record ID: 12540- Previous Data: [DEQ] LASAR 12258 River Mile 109.8: From 6/30/2000 to 10/5/2001, 156 days with 7-day-average maximum > 20 degrees Celsius. [DEQ] LASAR 12260 River Mile 130.7: From 7/17/1999 to 9/29/2000, 134 days with 7-day-average maximum > 20 degrees	
Temperature- Year Round	Category 4A	Record ID: 2444- Previous Data: BLM site 1996, 7 day ave. max. temperature was 70.0??F, exceeded temperature standard of 64??F.	
Temperature- Year Round	Category 5	Record ID: 2220- Previous Data: BLM Data (2 Sites: Middle, 23S,35E,6sene and Upper, 23S35E,18sww): 7 day average of daily maximums of 84.3 with 44 7-day periods in 1995 and 79.9 with 63 7-day periods in 1996 at the middle site; and 67.4 with 32 7-day periods in 1995 e	
Temperature- Year Round	Category 5	Record ID: 2269- Redband Trout are a state sensitive species, water withdrawal has been identified as a concern (ODFW, 1990); IWR (68359) is often not met at USGS gage (13214000).	
Flow Modification	Category 4C		

Assessment	IR_category	Rationale	Monitoring_locations
Iron (total)- Aquatic Life Criteria	Category 5	2 of 2 samples > criteria	
Temperature- Year Round	Category 5	Record ID: 12589- 2004 Data: [BLM - Burns] LASAR 30980 River Mile 4.5: From 5/21/2002 to 10/4/2002, 85 days with 7-day-average maximum > 20 degrees Celsius. Record ID: 24369- 2010 Data: EPA addition to 303(d) list 12/14/2012: Twenty-one exceedences of the cool water criteria out of 38 days of sampling collection between 3/99 and 10/08 at STORET station MAL013 and 3 exceedences out of 11 from days of sampling collection betw	
Dissolved Oxygen- Year Round	Category 4A	Record ID: 2251- Previous Data: Malheur Co Data (Site 6, 07F003, near mouth): 66% (8 of 12) Summer values exceeded fecal coliform standard (400) with a maximum of 8000 in 1978 - 1980. MOWC data in 1997 shows no exceedance of Fecal Coliform or E. Coli bacteria standard	
Fecal Coliform	Category 4A		
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.13)	NLA12_OR-112
Arsenic, Inorganic- Human Health Criteria	Category 5	Geomean of 17 samples > criteria	
Iron (total)- Aquatic Life Criteria	Category 5	9 of 17 samples > criteria	

Assessment	IR_category	Rationale	Monitoring_locations
Methylmercury- Human Health Criteria	Category 5	Record ID: 80055	
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.07)	NLA12_OR-154
		Record ID: 24397- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedence of the 0.015 mg/l criteria (average value 0.032) at USGS station 28727, Snake River nr Adrian OR, between 10/1/09 and 5/25/10.; Record ID: 24863- Based on EPA analysis of available data for 303(d) additions proposed in March 2012: Exceedence of the chlorophyll a criteria of 0.015 mg/l (averaging 0.053 mg/l) among 56 samples collected between 6/11/09 and 9/29/09 at USGS station 13173600, Snake Riv	
Chlorophyll-a	Category 5		
DDD 4,4'- Human Health Criteria	Category 4A	Record ID: 26008	
DDE 4,4'- Human Health Criteria	Category 4A	Record ID: 26004	
DDT 4,4'- Human Health Criteria	Category 4A	Record ID: 26003	
Dieldrin- Human Health Criteria	Category 4A	Record ID: 26005	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen- Year Round	Category 4A	Record ID: 26007 Record ID: 47- Oregon Health Authority Advisory issued 2/28/12. The average level of mercury found in warm water fish from Brownlee Reservoir (RM 281.1-347.4) is 0.35mg/kg. Previous Data: Idaho Fish Consumption Advisory: 30% of fish tested had levels greater than 0.5; Record ID: 74- Previous Data: Data from 1969 to present, average level of mercury found in fish tissue is 0.41 parts per million. Mercury could be from natural sources, possibly influenced by historical mining practices in the watershed.	
Methylmercury- Human Health Criteria	Category 5		
Phosphorus- Aquatic Life Criteria	Category 5		
Sedimentation	Category 4A	Record ID: 26010 Record ID: 26009 Record ID: 10- Previous Data: TMDL Approved: 3/1/2004; Record ID: 11- Previous Data: TMDL Approved: 3/1/2004; Record ID: 12549- Previous Data: [BLM - Vale] LASAR 27771 River Mile 0.6: From 6/24/2000 to 9/29/2001, 110 days with 7-day-average maximum > 20 degrees Celsius.; Record ID: 12550- Previous Data: [BLM - Vale] LASAR 27760 River Mile 30.7: From 7/11/2000 to 9/10/2000, 49 days with 7-day-average maximum > 20 degrees Celsius.	
Temperature- Year Round	Category 4A		
Dissolved Oxygen- Year Round	Category 5	Record ID: 26007	

Assessment	IR_category	Rationale	Monitoring_locations
Methylmercury- Human Health Criteria	Category 5	Record ID: 74- Previous Data: Data from 1969 to present, average level of mercury found in fish tissue is 0.41 parts per million. Mercury could be from natural sources, possibly influenced by historical mining practices in the watershed.; Record ID: 75	
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 26010	
Sedimentation	Category 5	Record ID: 26009	
Temperature- Year Round	Category 5	Record ID: 9- Previous Data: TMDL Approved: 3/1/2004; Record ID: 10- Previous Data: TMDL Approved: 3/1/2004; Record ID: 12534- Previous Data: [BLM - Vale] LASAR 27784 River Mile 5.1: From 7/30/2000 to 10/6/2000, 38 days with 7-day-average maximum > 20 degrees Celsius.	
Total Dissolved gas	Category 4A	Record ID: 26002	
DDD 4,4'- Human Health Criteria	Category 4A	Record ID: 26008	
DDE 4,4'- Human Health Criteria	Category 4A	Record ID: 26004	
DDT 4,4'- Human Health Criteria	Category 4A	Record ID: 26003	
Dieldrin- Human Health Criteria	Category 4A	Record ID: 26005	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen- Year Round	Category 5	Record ID: 26007 Record ID: 74- Previous Data: Data from 1969 to present, average level of mercury found in fish tissue is 0.41 parts per million. Mercury could be from natural sources, possibly influenced by historical mining practices in the watershed.; Record ID: 76	
Methylmercury- Human Health Criteria	Category 5		
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 26010	
Sedimentation	Category 5	Record ID: 26009	
Total Dissolved gas	Category 5	Record ID: 26002	
Habitat Modification	Category 4C	Carried forward from previous listing	
Iron (total)- Aquatic Life Criteria	Category 5	8 of 13 samples > 1000 µg/L Record ID: 3828- Stream habitat is below potential for supporting fish due to deficient pools and LWD (North Fork Burnt River Watershed Analysis, USFS, 1995).	
Habitat Modification	Category 4C	Record ID: 3829- Previous Data: Stream habitat is below potential for supporting fish due to high cobble embeddedness (North Fork Burnt River Watershed Analysis, USFS, 1995).	
Sedimentation	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen- Year Round	Category 5	Record ID: 24348- 2010 Data: EPA addition to 303(d) list 12/14/2012: Five exceedences of the cold water aquatic life criteria out of 13 days of sampling between 6/6/07 and 11/1/07 at LASAR station34250, Powder River at Dredge Loop Road above Phillips Reservoir Dam. Tw	34251-ORDEQ
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.20)	NLA12_OR-105
Methylmercury- Human Health Criteria	Category 5	Record ID: 80052 Record ID: 3514- Previous Data: Baker Valley SWCD Data (2 sites: below Hughes Lane and First Bridge above North Powder): 7 day moving average of daily maximums of approximately 70.4/65.7 and 80.4/no data exceeding temperature standard (64) in 1995 and 1996 respectively	
Temperature- Year Round	Category 5	Record ID: 3815- Redband Trout are a state sensitive species, water withdrawal has been identified as a concern (ODFW, 1990); IWR (72193) is often not met at USGS gage (13286700).	
Flow Modification	Category 4C	Record ID: 24897- Oregon Health Authority Advisory issued 2/28/12. The average level of mercury found in warmwater fish from Brownlee Reservoir is 0.35mg/kg.	
Methylmercury- Human Health Criteria	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 3513- Previous Data: USBR Data (Site POW110; RM 32.1): 55% (17 of 31) Summer values exceeded temperature standard (64) with exceedances recorded in each year between WY1988 - 1995. SWCD data also available.	
Sedimentation	Category 4A	Record ID: 1062- Previous Data: USEPA Approval date: 5/3/2000	
Sedimentation	Category 4A	Record ID: 1048- Previous Data: USEPA Approval date: 5/3/2000	
Temperature- Year Round	Category 5	Record ID: 870- Previous Data: USEPA Approval date: 5/3/2000	
Fecal Coliform	Category 4A	Record ID: 926- Previous Data: DEQ Data (Site 402080; RM 1.0): 15% (3 of 20) Summer values exceeded fecal coliform standard (400) with a maximum value of 1600 between WY 86 - 96.	
Temperature- Year Round	Category 5	Record ID: 12577- 2004 Data: [DEQ] LASAR 11561 River Mile 26.3: From 7/24/1999 to 9/16/1999, 38 days with 7-day-average maximum > 16 degrees Celsius. [BLM - Vale] LASAR 27788 River Mile 5.6: From 6/10/2000 to 10/20/2000, 67 days with 7-day-average maximum > 16 degrees	

Assessment	IR_category	Rationale	Monitoring_locations
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 45- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 46- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	
Temperature- Year Round Total Dissolved gas	Category 5	Record ID: 27- Previous Data: USEPA	
	Category 4A	Approval Date: 11/18/2002	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 45- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 46- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 45- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 46- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Temperature- Year Round	Category 5	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	

Assessment	IR_category	Rationale	Monitoring_locations
Dioxin (2,3,7,8-TCDD)- Human Health Criteria Methylmercury- Human Health Criteria	Category 4A	Record ID: 45- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 46- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	35332-ORDEQ
Temperature- Year Round Total Dissolved gas	Category 5	Geometric mean > 0.04 mg/kg (0.11 mg/kg) Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius. Record ID: 27- Previous Data: USEPA Approval Date: 11/18/2002	35332-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 43- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 44- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Fecal Coliform	Category 4A	Record ID: 5084- Previous Data: USEPA Approval date: 5/9/2001	
Methylmercury- Human Health Criteria	Category 5	Record ID: 26018- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www. Record ID: 9284- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	
Temperature- Year Round	Category 4A		

Assessment	IR_category	Rationale	Monitoring_locations
Total Dissolved gas	Category 4A	Record ID: 26- Previous Data: USEPA Approval Date: 11/18/2002	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 43- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 44- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Methylmercury- Human Health Criteria	Category 5	Geometric mean > 0.04 mg/kg (0.11 mg/kg)	35328-ORDEQ
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 9284- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www. Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 26- Previous Data: USEPA Approval Date: 11/18/2002	
Total Dissolved gas	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 43- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 44- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Methylmercury- Human Health Criteria	Category 5	Geometric mean > 0.04 mg/kg (0.29 mg/kg) Record ID: 9284- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	35324-ORDEQ; 35338-ORDEQ
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 26- Previous Data: USEPA Approval Date: 11/18/2002	
Total Dissolved gas	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 43- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 44- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Methylmercury- Human Health Criteria	Category 5	Geometric mean > 0.04 mg/kg (0.29 mg/kg) Record ID: 26018- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	35320-ORDEQ; 35334-ORDEQ
Methylmercury- Human Health Criteria	Category 5	Record ID: 9284- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	35320-ORDEQ; 35334-ORDEQ
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 9284- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round Total Dissolved gas	Category 5 Category 5	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius. Record ID: 26- Previous Data: USEPA Approval Date: 11/18/2002	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 43- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 44- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream Record ID: 26018- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	
Methylmercury- Human Health Criteria	Category 5	Record ID: 9284- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 9284- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round Total Dissolved gas	Category 5 Category 5	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius. Record ID: 26- Previous Data: USEPA Approval Date: 11/18/2002	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 43- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 44- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream Record ID: 26018- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	
Methylmercury- Human Health Criteria	Category 5	Record ID: 9284- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 9284- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	
Total Dissolved gas	Category 5	Record ID: 25- Previous Data: USEPA Approval Date: 11/18/2002; Record ID: 26- Previous Data: USEPA Approval Date: 11/18/2002	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 43- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 44- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Methylmercury-Human Health Criteria	Category 5	2 samples; Mean > 0.04 mg/kg (0.155) Record ID: 26018- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	35323-ORDEQ; 35337-ORDEQ
Methylmercury-Human Health Criteria	Category 5		35323-ORDEQ; 35337-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 9284- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www. Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	
Temperature- Year Round Total Dissolved gas	Category 5 Category 4A	Record ID: 25- Previous Data: USEPA Approval Date: 11/18/2002	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria Methylmercury- Human Health Criteria	Category 4A Category 5	Record ID: 43- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 44- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream Geomean > 0.04 mg/kg (0.19)	35319-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Methylmercury- Human Health Criteria	Category 5	Record ID: 26018- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	35319-ORDEQ
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 9284- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	
Temperature- Year Round Total Dissolved gas	Category 5	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius. Record ID: 26- Previous Data: USEPA Approval Date: 11/18/2002	
Dioxin (2,3,7,8- TCDD)- Human Health Criteria	Category 4A	Record ID: 43- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 44- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	

Assessment	IR_category	Rationale	Monitoring_locations
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.27) Record ID: 26018- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	35327-ORDEQ; 35331-ORDEQ
Methylmercury- Human Health Criteria	Category 5	Record ID: 9284- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	35327-ORDEQ; 35331-ORDEQ
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 26- Previous Data: USEPA Approval Date: 11/18/2002	
Total Dissolved gas	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 43- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 44- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream Record ID: 26018- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	
Methylmercury- Human Health Criteria	Category 5	Record ID: 9284- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	35339-ORDEQ
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius. Record ID: 26- Previous Data: USEPA Approval Date: 11/18/2002	
Temperature- Year Round Total Dissolved gas	Category 5 Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Iron (total)- Aquatic Life Criteria	Category 5	5 of 10 samples > 1000 µg/L	
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.35)	36363-ORDEQ
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.16)	36362-ORDEQ
Dissolved Oxygen- Spawning	Category 5	Carried forward from previous listing Record ID: 5262- Previous Data: USGS Data (Site 452013119324000, at Willow Creek Lake): 17% (2 of 12) Summer values exceeded fecal coliform standard (400) with a maximum of 673 in 1986.	
Fecal Coliform	Category 4A		
Harmful Algal Blooms	Category 5	Record ID: 5129	

Assessment	IR_category	Rationale	Monitoring_locations
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 39- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 40- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.19)	35335-ORDEQ; 35341-ORDEQ
pH	Category 5	10 of 43 samples results outside of pH range; 8 required to list Record ID: 9284- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	29461-ORDEQ; 34515-ORDEQ; 35335-ORDEQ; 35341-ORDEQ; 35560-ORDEQ; 35563-ORDEQ; 35594-ORDEQ; 35904-ORDEQ; 35905-ORDEQ; 35906-ORDEQ; 39345-ORDEQ; 39346-ORDEQ
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5		
Temperature- Spawning	Category 5	268 of 1645 7-DADM values > criteria	14105700
Temperature- Year Round	Category 5	614 of 1959 7-DADM values > criteria	14105700

Assessment	IR_category	Rationale	Monitoring_locations
Total Dissolved gas	Category 4A	Record ID: 24- Previous Data: USEPA Approval Date: 11/18/2002	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 41- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 42- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.20)	35325-ORDEQ; 35340-ORDEQ
pH	Category 5	4 of 17 results out of range; 4 required to list Record ID: 9284- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	35325-ORDEQ; 35340-ORDEQ; 35558-ORDEQ; 35899-ORDEQ; 35900-ORDEQ; 35901-ORDEQ
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	
Temperature- Year Round	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Total Dissolved gas	Category 5	Record ID: 25- Previous Data: USEPA Approval Date: 11/18/2002	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria Methylmercury- Human Health Criteria	Category 4A	Record ID: 41- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 42- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.15) Record ID: 26018- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	35326-ORDEQ; 35330-ORDEQ; 35336-ORDEQ
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 9284- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	35326-ORDEQ; 35330-ORDEQ; 35336-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	
Total Dissolved gas	Category 5	Record ID: 25- Previous Data: USEPA Approval Date: 11/18/2002	
Temperature- Year Round	Category 4A	Record ID: 1201- Previous Data: USEPA Approval date: 1/30/2002	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 39- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 40- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	12042-ORDEQ; 12167-ORDEQ; 34161-ORDEQ; 34516-ORDEQ; 35260-ORDEQ; 35264-ORDEQ; 35318-ORDEQ; 35322-ORDEQ; 35559-ORDEQ; 35562-ORDEQ
E. coli	Category 5	6 of 111 geomeans > 126; 8 of 128 samples > 406	
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.22)	35318-ORDEQ; 35322-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 9284- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www. Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	
Temperature- Year Round Total Dissolved gas	Category 5 Category 5	Record ID: 24- Previous Data: USEPA Approval Date: 11/18/2002	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria Methylmercury- Human Health Criteria	Category 4A Category 5	Record ID: 39- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 40- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream Geomean > 0.04 mg/kg (0.19)	35329-ORDEQ; 35333-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 9284- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	
Temperature- Year Round	Category 5	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	
Total Dissolved gas	Category 5	Record ID: 24- Previous Data: USEPA Approval Date: 11/18/2002	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 39- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 40- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.17)	35317-ORDEQ; 35321-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Methylmercury- Human Health Criteria	Category 5	Record ID: 26018- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	35317-ORDEQ; 35321-ORDEQ
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 9284- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	
Temperature- Year Round	Category 5	5 exceedances of 7-DADM out of 340 values	CRGNSA-004
Total Dissolved gas	Category 5	Record ID: 24- Previous Data: USEPA Approval Date: 11/18/2002 Record ID: 1342- Previous Data: BLM Data (Site above Canyon City): 7 day average of daily maximums of 66.5/68.4 with 26/87 days exceeding temperature standard (64) in 1993/1994; USFS (at Hwy 65): 7 day average of daily maximums of 66/85 with 5/97 days exceeding standar	
Temperature- Year Round	Category 5	Record ID: 24404- 2010 Data: EPA addition to 303(d) list 12/14/2012: Ten exceedances of the cold water criteria out of 15 days of sampling collection between 2/99 and 8/02 at STORET station 14270001.	
Dissolved Oxygen- Year Round	Category 4A		

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 1436- Previous Data: USFS Data (Site above Stadler Creek): 7 day average of daily maximum of 71.1 and 73.9 exceeded temperature standard (64) in 1993 and 1994 respectively.	
Dissolved Oxygen- Spawning	Category 4A	Carried forward from previous listing	
Dissolved Oxygen- Year Round	Category 4A	Carried forward from previous listing	
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.05)	NLA12_OR-103
Harmful Algal Blooms	Category 5	Record ID: 290	
Harmful Algal Blooms	Category 5	Record ID: 23211	
Temperature- Year Round	Category 5	96 of 96 7-DADM values > 12.0 Celsius	DNF_033
Chlorophyll-a	Category 5	Record ID: 21887- Previous Data: [DEQ] LASAR 25507 River Mile 0: From 7/23/2001 to 9/30/2001, average Chlorophyll a of 0.017 for 4 samples in 3 months. [DEQ] LASAR 25508 River Mile 0: From 7/23/2001 to 9/30/2001, average Chlorophyll a of 0.016 for 4 samples in 3 months.	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 5	Carried forward from previous listing Record ID: 24486- 2010 Data: EPA addition to 303(d) list 12/14/2012: Five exceedences of the cold water aquatic life criteria out of 16 days of sampling between 6/16/04 and 9/8/04 at LASAR station 31537, Odell Lake at west end.	
Dissolved Oxygen-Year Round	Category 5		
Harmful Algal Blooms	Category 5	Record ID: 23206	
Methylmercury-Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.043)	NLA12_OR-128
pH	Category 5	Record ID: 431- Previous Data: PSU/Sweet Data: 4 of 6 Summer and early Fall values exceeded pH standard (6.5 - 8.5) with maximum values up to 9.5 reported in numerous studies (Sweet, 1990): 9.3 in 8/82, (PSU, 85); 9.5 in 9/82, (Nelson and Delwiche, 83); and 9.3 in 10/; Record ID: 15616- Previous Data: [DEQ] LASAR 13834 River Mile 0: From 7/2/2001 to 7/2/2001, 0 out of 1 samples (0%) outside pH criteria range 6 to 8.5. [DEQ] LASAR 25507 River Mile 0: From 6/11/2001 to 9/17/2001, 4 out of 5 samples (80%) outside pH criteria range 6 to 8	

Assessment	IR_category	Rationale	Monitoring_locations
Chlorophyll-a Flow Modification	Category 5 Category 4C	Record ID: 289- Previous Data: PGE Data: High level of productivity with chlorophyll a values ranging from 20 - 40 ug/l in the summer months and late summer blue-green algae blooms noted in study. PSU Data: 33% (1 of 3) Chlorophyll a values ranging between 2.3 - 21.8 Carried forward from previous listing	33217-ORDEQ
pH	Category 5	Record ID: 429- Previous Data: PGE Data: Based on a 1995 study, pH in the surface water of the lakes regularly exceeds 9.0 in the Summer. PSU Data: 100% (3 of 3) pH values ranging between 8.8 - 9.4 exceeded pH standard (6.5 - 8.5) near the Dam in 1982 with algal blo	33217-ORDEQ
Chlorophyll-a	Category 5	Record ID: 289- Previous Data: PGE Data: High level of productivity with chlorophyll a values ranging from 20 - 40 ug/l in the summer months and late summer blue-green algae blooms noted in study. PSU Data: 33% (1 of 3) Chlorophyll a values ranging between 2.3 - 21.8	
Harmful Algal Blooms	Category 5	Microcystin (27.1 parts per billion) : 6/30/2017 - 9/8/2017	
Harmful Algal Blooms	Category 5	Record ID: 23207	

Assessment	IR_category	Rationale	Monitoring_locations
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.05)	13844-ORDEQ
Methylmercury- Human Health Criteria	Category 5	Record ID: 618- OSHD Fish Consumption Advisory: Average level of mercury was 0.64 ppm with large Brown Trout having levels approaching 3 ppm which exceeded national screening standard (0.6 ppm). Source of mercury is natural (OSHD, 1994).; Record ID: 24983- 2012 Data: [ODEQ] STATION 13767 at RM 0 from 7/11/2011 to 7/11/2011, the geometric mean of 0.374 mg/Kg from 29 valid individual fish tissue samples exceeds the 0.040 mg/kg criteria	13767-ORDEQ
Habitat Modification	Category 4C	Record ID: 301- Redband Trout populations are depressed and fragmented due to habitat degradation (ODFW, 1993); Habitat factors such as limited LWD, low pool frequency and high width/depth ratio are below desired condition (N FK Crooked R Watershed An, USFS, 1995).	
Temperature- Year Round	Category 5	Record ID: 148- Previous Data: USFS Data (2 Sites: Data shown for site at National Forest boundary): 7 day average of daily maximums of 68.2/65.1 with 36/13 days (based on running average) exceeding standard (64) in 1994/1995 respectively.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 173- Previous Data: USFS Data (3 Sites: Data shown for site at National Forest boundary): 7 day average of daily maximum of 78.7 with 80 days (based on running average) exceeding standard (64) in 1995. Data also available for 1991 - 1993 (USFS, 1991 - 1993	
Flow Modification	Category 4C	Record ID: 323- Redband Trout populations are fragmented and depressed in part due to low flows caused by stream diversions (ODFW, 1993), IWR (70353) not met as measured at USGS gage (14079500).	
Iron (total)- Aquatic Life Criteria	Category 5	11 of 20 results > criteria	
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.18)	11777-ORDEQ
Temperature- Year Round	Category 5	Record ID: 161- Previous Data: DEQ Data (Site 404156; RM 105): 68% (15 of 22) Summer values exceeded standard (64) with a maximum value of 26.5 between WY 86 - 95.	
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.23)	37619-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 214- Previous Data: USFS Data (Site below McAllister Creek): 7 day average of daily maximums of 68.5/66.5 with 38/24 days (based on running average) exceeding standard (64) in 1994/1995 respectively.; Record ID: 12721- Previous Data: [NF - Ochoco] LASAR 31127 River Mile 9.6: From 7/6/2002 to 10/31/2002, 56 days with 7-day-average maximum > 18 degrees Celsius. Record ID: 24467- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedence of the 0.015 mg/l criteria (average value 0.016) at LASAR station 33212, Crooked River arm at bridge, between 7/12/06 and 9/19/06.	
Chlorophyll-a	Category 5		
Flow Modification	Category 4C	Record ID: 307- Summer Steelhead populations are depressed in part due to low summer flows due to diversion from Prineville to below Smith Rocks and low flows during non-irrigation season for reservoir refill (IWR-70354, USGS gage-14080500), (ODFW, 1993).	
Harmful Algal Blooms	Category 5	Microcystin (27.1 parts per billion) : 6/30/2017 - 9/8/2017	

Assessment	IR_category	Rationale	Monitoring_locations
Chlorophyll-a	Category 5	Record ID: 295- Previous Data: PGE Data: High level of productivity with chlorophyll a values ranging from 20 - 40 ug/l in the summer months and late summer blue-green algae blooms noted in study. PSU Data: A Chlorophyll a value of 19.1 that exceeded chlorophyll crit	
pH	Category 5	Record ID: 436- Previous Data: PGE Data: Based on a 1995 study, pH in the surface water of the lakes regularly exceeds 9.0 in the Summer. PSU Data: A pH value of 8.9 that exceeded pH standard (6.5 - 8.5) was measured near the center of the lake in 6/82 with an algal	
Temperature- Year Round	Category 5	Record ID: 12724- Previous Data: [NF - Ochoco] LASAR 31190 River Mile 19.5: From 6/21/2002 to 9/28/2002, 0 days with 7-day-average maximum > 18 degrees Celsius. [NF - Ochoco] LASAR 31191 River Mile 20.7: From 7/15/2002 to 9/28/2002, 40 days with 7-day-average maximum >	
Harmful Algal Blooms Temperature- Year Round	Category 5 Category 5	Data from 9/18/2009 - 11/2/2009 36 of 36 7DADM values exceed criteria. 7/1 to 8/5/2008	CRGNSA-001

Assessment	IR_category	Rationale	Monitoring_locations
Aquatic Weeds Aquatic Weeds	Category 5 Category 5	Record ID: 3058- Previous Data: Cabomba carolina, a non-native macrophyte, dominates the lake plant assemblage and interferes with boating and swimming use of the lake (Portland State University, 1994). Proposed Phase 1 Clean Lake Study prepared (SRI, 1995). Record ID: 3059	
Arsenic, Inorganic- Human Health Criteria	Category 5	Record ID: 77- Previous Data: USGS data from 4 sites (Warrendale, Hayden Island, Columbia and Beaver): 14 of 16 samples exceeded Water Quality Standard for Arsenic, Table 20. Values where 1ug/l.	
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 30- Previous Data: Levels of DDE/DDT found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	

Assessment	IR_category	Rationale	Monitoring_locations
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 29- Previous Data: Levels of Dioxins found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n; Record ID: 31- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Fecal Coliform Methylmercury- Human Health Criteria	Category 4A	Record ID: 20015- Previous Data: [ODHS] LASAR 24031 River Mile 32.4: From 9/20/2000 to 9/20/2000, 0 out of 1 samples (0%) > 43 organisms; median concentration of 0 [ODHS] LASAR 24022 River Mile 18.5: From 9/20/2000 to 9/20/2000, 0 out of 1 samples (0%) > 43 organisms; m	
	Category 5	Geomean > 0.04 mg/kg (0.09)	24027-ORDEQ; 31566-ORDEQ; 32204-ORDEQ; 32342-ORDEQ
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 28- Previous Data: Levels of PCBs found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR note	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 4A	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	
Total Dissolved gas	Category 4A	Record ID: 21- Previous Data: USEPA Approval Date: 11/18/2002	
Arsenic, Inorganic-Human Health Criteria	Category 5	Record ID: 77- Previous Data: USGS date from 4 sites (Warrendale, Hayden Island, Columbia and Beaver): 14 of 16 samples exceeded Water Quality Standard for Arsenic, Table 20. Values where 1ug/l.	
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 30- Previous Data: Levels of DDE/DDT found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 29- Previous Data: Levels of Dioxins found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n; Record ID: 31- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen- Year Round	Category 5	Record ID: 21131- Previous Data: Modeling analysis by Craig Hesterlee in 10/7/2002 DEQ Memo "Evaluation of impact of current industrial dischargers to Skipanon River estuarine embayment (Skipanon Waterway)". [DEQ] LASAR 22312 River Mile 1.6: From 8/26/1999 to 9/6/2000,	
Fecal Coliform Methylmercury- Human Health Criteria	Category 4A Category 5	Record ID: 20015- Previous Data: [ODHS] LASAR 24031 River Mile 32.4: From 9/20/2000 to 9/20/2000, 0 out of 1 samples (0%) > 43 organisms; median concentration of 0 [ODHS] LASAR 24022 River Mile 18.5: From 9/20/2000 to 9/20/2000, 0 out of 1 samples (0%) > 43 organisms; m Geomean > 0.04 mg/kg (0.11)	31565-ORDEQ
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 28- Previous Data: Levels of PCBs found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR note	
Temperature- Year Round Total Dissolved gas	Category 4A Category 4A	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius. Record ID: 21- Previous Data: USEPA Approval Date: 11/18/2002	

Assessment	IR_category	Rationale	Monitoring_locations
Arsenic, Inorganic-Human Health Criteria	Category 5	Record ID: 77- Previous Data: USGS date from 4 sites (Warrendale, Hayden Island, Columbia and Beaver): 14 of 16 samples exceeded Water Quality Standard for Arsenic, Table 20. Values where 1ug/l.	
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 30- Previous Data: Levels of DDE/DDT found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 29- Previous Data: Levels of Dioxins found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n; Record ID: 31- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 5	Record ID: 20015- Previous Data: [ODHS] LASAR 24031 River Mile 32.4: From 9/20/2000 to 9/20/2000, 0 out of 1 samples (0%) > 43 organisms; median concentration of 0 [ODHS] LASAR 24022 River Mile 18.5: From 9/20/2000 to 9/20/2000, 0 out of 1 samples (0%) > 43 organisms; m	
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 28- Previous Data: Levels of PCBs found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR note	
Temperature- Year Round Total Dissolved gas	Category 5 Category 5	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius. Record ID: 21- Previous Data: USEPA Approval Date: 11/18/2002 Record ID: 5877- Previous Data: USFS Data: maximum temperatures ranged from 68 to 76 with exceedances of temperature standard (64) observed from July through September in 1992 (USFS, 1995). In 1997 temperature was 72.6??F.	
Temperature- Year Round	Category 5		
Harmful Algal Blooms	Category 5	Data from: 5/15/2008 - 7/16/2008	

Assessment	IR_category	Rationale	Monitoring_locations
Harmful Algal Blooms	Category 5	Record ID: 23199	
Harmful Algal Blooms	Category 5	Record ID: 23204 Record ID: 7123- Previous Data: USFS Data site at mouth: 7 day average of daily maximum was 65.3??F in 1997.	
Temperature- Year Round	Category 5	Exceeded temperature standard (64??F)	
Harmful Algal Blooms	Category 5	Record ID: 23200 Record ID: 6774- Previous Data: Elevated levels measured in fish tissue .37 ppm, Consumption Health Advisory issued 2/25/97.	
Methylmercury- Human Health Criteria	Category 4A		
Temperature- Year Round	Category 5	Record ID: 13059- 2004 Data: [BLM - Eugene] LASAR 28104 River Mile 15.6: From 9/3/2000 to 9/25/2000, 13 days with 7-day-average maximum > 18 degrees Celsius. [BLM - Eugene] LASAR 28105 River Mile 17: From 6/24/2000 to 9/29/2001, 144 days with 7-day-average maximum > 18	

Assessment	IR_category	Rationale	Monitoring_locations
Mercury (total)- Aquatic Life Criteria	Category 5	Record ID: 17029- 2012 Data: [USGS] STATION 14152500 at RM 34.8 for 3 samples from 10/25/2011 to 12/30/2011, 1 of 3 valid samples exceed the 0.012 ug/L criteria. 2004 Data: [DEQ] LASAR 13193 River Mile 31.7: From 6/17/1998 to 10/4/1999, 2 out of 4 samples > applicabl	
Methylmercury- Human Health Criteria	Category 5	Record ID: 6773- Previous Data: OSHD Fish Consumption Advisory based on 10% of fish tested exceeding USFDA commercial fish standard of methylmercury (1.0 ppm) and a range of 0.22 to 1.79 ppm.	
E. coli	Category 4A	Carried forward from previous listing Record ID: 7058- Previous Data: Fern Ridge Clean Lakes Study - Reservoir is typically clearest in May and June (secchi reading of 6.5 feet) but by August visibility is limited to 1 to 2 feet which can be unsafe for swimming (LCOG, 1983).	
Turbidity	Category 4A	Record ID: 90001	
Aquatic Weeds	Category 5	Record ID: 90005	
Aquatic Weeds	Category 5		
Harmful Algal Blooms	Category 5	Record ID: 23213	
Harmful Algal Blooms	Category 5	Record ID: 90003	

Assessment	IR_category	Rationale	Monitoring_locations
Harmful Algal Blooms	Category 5	Record ID: 23221	
Harmful Algal Blooms	Category 5	Record ID: 6243	
Harmful Algal Blooms	Category 5	Record ID: 23222 Record ID: 12952- 2004 Data: [DEQ] LASAR 23805 River Mile 16.2: From 6/11/2000 to 9/16/2000, 56 days with 7-day-average maximum > 18 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 12952- 2004 Data: [DEQ] LASAR 23805 River Mile 16.2: From 6/11/2000 to 9/16/2000, 56 days with 7-day-average maximum > 18 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 12952- 2004 Data: [DEQ] LASAR 23805 River Mile 16.2: From 6/11/2000 to 9/16/2000, 56 days with 7-day-average maximum > 18 degrees Celsius.	
Turbidity	Category 5	No. of years with Turbidity > 5.0 NTU > 45 days = 4 Record ID: 25892- 2012 Data: [DEQ] STATION 29870 at RM 26.6 from 09/15/2003 to 09/15/2003, 0 of 1 (0%) samples	
Dissolved Oxygen- Year Round	Category 4A	< 8.0 mg/l and < 90% saturation	
Flow Modification	Category 4C	Carried forward from previous listing	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen- Year Round	Category 5	Record ID: 21942- 2012 Data: [DEQ] STATION 33485 at RM 4 from 08/02/2006 to 08/02/2006, 0 of 1 (0%) samples < 8.0 mg/l and < 90% saturation Previous Data: City of Salem] Site CRO1 River Mile 1.2: From 7/17/2001 to 9/17/2003, 6 out of 11 samples (55%) < 8 mg/l and app	
Temperature- Year Round Aquatic Weeds	Category 5 Category 5	Record ID: 12978- 2004 Data: [DEQ/SECOR] LASAR 10347 River Mile 96.6: From 6/17/2001 to 10/5/2002, 181 days with 7- day-average maximum > 18 degrees Celsius. [DEQ/SECOR] LASAR 10349 River Mile 113.5: From 6/17/2001 to 10/5/2002, 187 days with 7- day-average maximum > 18 Record ID: 90000	
Dissolved Oxygen- Spawning	Category 4A	Carried forward from previous listing Record ID: 6187- 2012 Data: [DEQ] STATION 10899 at RM 0.4 from 07/17/2002 to 10/13/2010, 14 of 53 (26%) samples < 6.5 mg/L. [DEQ] STATION 31880 at RM 0.4 from 06/14/2007 to 06/14/2007, 0 of 1 (0%) samples < 6.5 mg/L.	
Dissolved Oxygen- Year Round	Category 4A	[USGS] STATION 14201300 at RM 0.4 from 05/22/2000 t	

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 4A	Record ID: 6095- Previous Data: DEQ Data (Site 402576; RM 0.4): 83% (19 of 23) FWS values exceeded fecal coliform standard (400) with a maximum value of 1600 between 1889 - 1992.; Record ID: 6886- Previous Data: DEQ Data (Site 402576; RM 0.4): 50% (7 of 14) Summer values exceeded fecal coliform standard (400) with a maximum value of 1600 between 1989 - 1992.	
Temperature- Year Round	Category 5	Record ID: 5974- Previous Data: USGS Data (Site near Mt. Angel): 7 day average of daily maximums of 69.7 and 73.9 with 35 and 63 days exceeding temperature standard (64) in 1993 and 1994 respectively.	
Flow Modification	Category 4C	Record ID: 6345- Spring Chinook populations are declining and are a stock of concern with low flows and high temperatures identified as concerns (ODFW, 92); IWR (62322) is often not met at USGS gage (14200000).	
Dissolved Oxygen-Spawning	Category 4A	Carried forward from previous listing	
Harmful Algal Blooms	Category 5	Record ID: 23217	

Assessment	IR_category	Rationale	Monitoring_locations
Harmful Algal Blooms	Category 5	Record ID: 6268 Record ID: 6552- Previous Data: Lake Oswego Lake and Watershed Assessment 1986- 1987 (SRI, 1988): 64% (11 of 17) May to October samplings indicated pH standard (6.5 to 8.5) exceedances within the lake with a maximum of 10.3 recorded.	
pH	Category 4A	Record ID: 6477- Previous Data: DEQ Data; Lake Oswego Lake and Watershed Assessment 1986- 1987 (SRI, 1988).	
Phosphorus-Aquatic Life Criteria	Category 4A	19 of 66 results > 0.01 µg/L; 3 of 7 3-consecutive-month-averages > 0.01 µg/L	
Chlorophyll-a	Category 5		28712-ORDEQ
Harmful Algal Blooms	Category 5	Record ID: 6266	
pH	Category 5	13 of 38 results > 8.5 standard Record ID: 6137- Previous Data: Metro (1994): Alterations to the hydrology has contributed to drastic changes in local biota that affect beneficial uses such as wildlife and boating; Clean Lake Study underway.	28712-ORDEQ
Aquatic Weeds	Category 5	Record ID: 6382- Metro (1994): Alterations to the hydrology has contributed to drastic changes in local biota that affect beneficial uses such as wildlife and boating; Clean Lake Study underway.	
Flow Modification	Category 4C		

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 6834- Metro (1994): Alterations to the hydrology has contributed to drastic changes in local biota that affect beneficial uses such as wildlife and boating; Clean Lake Study underway.	
pH	Category 5	Record ID: 6551- Previous Data: USGS (1983), Metro - Phase 1	
Aquatic Weeds	Category 5	Record ID: 6138- Previous Data: Metro (1994): Alterations to the hydrology has contributed to drastic changes in local biota that affect beneficial uses such as wildlife and boating; Clean Lake Study underway.	
Flow Modification	Category 4C	Record ID: 6383- Metro (1994): Alterations to the hydrology has contributed to drastic changes in local biota that affect beneficial uses such as wildlife and boating; Clean Lake Study underway.	
Habitat Modification	Category 4C	Record ID: 6835- Metro (1994): Alterations to the hydrology has contributed to drastic changes in local biota that affect beneficial uses such as wildlife and boating; Clean Lake Study underway.	
pH	Category 5	Record ID: 6553- Previous Data: USGS (1983), Metro - Phase 1	
Chlorophyll-a	Category 5	8 excursions from 15 samples	PDX_BES-GRF
Harmful Algal Blooms	Category 5	Record ID: 23214	
pH	Category 5	5 of 15 results > 8.5 standard	PDX_BES-GRF

Assessment	IR_category	Rationale	Monitoring_locations
Harmful Algal Blooms- Year Round	Category 4B		
E. coli	Category 4A	6 geometric means > 126 organisms per 100 mL; 4 of 23 samples > 406 organisms per 100 mL	39102-ORDEQ; 39103-ORDEQ; 39131-ORDEQ
Aquatic Weeds	Category 5	Record ID: 3060- Previous Data: Clean Lakes Proposal (1995) proposed for lake but is unfunded.	
Dissolved Oxygen- Year Round	Category 5	Record ID: 24694- 2010 Data: EPA addition to 303(d) list 12/14/2012: Two exceedence of the cold water aquatic life criteria out of 5 days of sampling between 2/6/03 and 8/11/03 at station 12692, Sunset Lake off Sunset Beach RD.	
Habitat Modification	Category 4C	Record ID: 3094- Coho and Winter Steelhead populations are depressed, poor habitat conditions (lack of large wood) have been identified as limiting factors (Baker et al, 1986).	
Sedimentation	Category 4A	Record ID: 3177- Previous Data: USEPA Approval Date: 5/13/2002	
Temperature- Year Round	Category 4A	Record ID: 2990- Previous Data: USEPA Approval Date: 5/13/2002	
Fecal Coliform	Category 4A	Record ID: 18991- Previous Data: TMDL Approved: 7/31/2001	
Temperature- Year Round	Category 4A	Record ID: 3286- Previous Data: USEPA approval date: 07/31/2001	

Assessment	IR_category	Rationale	Monitoring_locations
Aquatic Weeds	Category 4	Record ID: 3066- Previous Data: A study has been done that indicates that nutrients are not the limiting factor for controlling weed growth in Lake Lytle and that an aquatic weed management plan is needed to control Eurasian milfoil, a non native species. An aquatic ve	
Chlorophyll-a	Category 5	Record ID: 2766- Previous Data: DLWID Data: Mean value 1986 - 1991 data was 41.4 ug/l (chlorophyll a standard is 15 ug/l) with a maximum value >100 ug/l, (Devils Lake Phase 2 Restoration Project, DLWID, 1994). DLWID from 4 sites in 1995/96/97 mean of summer values wer	
Dissolved Oxygen-Spawning	Category 5	10 of 27 samples < criteria and % sat 6 geometric means > 126 organisms per 100 mL; 12 of 368 samples > 406 organisms per	10526-ORDEQ; 13912-ORDEQ; 34111-ORDEQ; 34113-ORDEQ; 36989-ORDEQ; 39405-ORDEQ
E. coli	Category 5	100 mL	

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 5	Record ID: 2749- Previous Data: DLWID Data (2 Sites: Above campground and Near mouth; data for site near mouth shown): 75% (9 of 12) Summer values exceeded fecal coliform standard (400) with a maximum of 13500 in 1990 - 1991. Although stream segment is too short to split; Record ID: 2911- Previous Data: DLWID Data (2 Sites: Above campground and Near mouth; data for site near mouth shown): 43% (3 of 7) FWS values exceeded fecal coliform standard (400) with a maximum of >1600 in 1990 - 1991. DLWID data in 1997 100% (10 of 10) of samples e	
Harmful Algal Blooms pH	Category 5 Category 5	Record ID: 2019 4 of 12 results > 8.5 pH standard Record ID: 2938- Previous Data: Watershed analysis finds Chlorophyll a concentrations up to 24 ug/l in 1991/92 standard for lakes which stratify is 10 ug/l.	34791-ORDEQ; 34792-ORDEQ
Chlorophyll-a	Category 5		
Harmful Algal Blooms	Category 5	Record ID: 2768	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 2735- Previous Data: Three ODFW sites: at mouth, 7 day ave. max temperature in 1994/95 was 70.4/77.0??F, below Triangle Lake in 1994 was 74.5??F, at below Pope Creek in 1994 was 70.0??F. BLM data also available.; Record ID: 24668- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18 C) as high as 24.2 C in August 2007 at LASAR station 34877, Lake Creek Below Hult Pond (Siuslaw R). Record ID: 24668- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18 C) as high as 24.2 C in August 2007 at LASAR station 34877, Lake Creek Below Hult Pond (Siuslaw R).	
Temperature- Year Round	Category 5	Record ID: 24668- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18 C) as high as 24.2 C in August 2007 at LASAR station 34877, Lake Creek Below Hult Pond (Siuslaw R).	
Phosphorus- Aquatic Life Criteria	Category 5	Carried forward from previous listing	
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 2824- Previous Data: TMDL has been established for phosphorus, approved (12/8/92) and is being implemented.	
Harmful Algal Blooms	Category 5	Record ID: 2773	

Assessment	IR_category	Rationale	Monitoring_locations
Aquatic Weeds	Category 5	Record ID: 2774- Previous Data: Atlas of Oregon Lakes (PSU, 1985): Extensive growth of Elodea densa, a non-native aquatic plant and a "B" designated weed (ODA), dominates the macrophyte assemblage and interferes with beneficial uses.	
Temperature- Year Round	Category 5	Record ID: 24750- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18 C) as high as 18.8 C in July 2007 and 20 C in July 2009 at LASAR station 33417, Fivemile Creek (ODFW).	
Dissolved Oxygen- Year Round	Category 4A	Record ID: 21091- 2004 Data: [DEQ] LASAR 25245 River Mile 0: From 6/5/2001 to 8/1/2001, 1 out of 2 samples (50%) < 8 mg/l and applicable % saturation. [DEQ] LASAR 29374 River Mile 0: From 10/18/2002 to 10/18/2002, 0 out of 1 samples (0%) < 8 mg/l and applicable % satur	
Harmful Algal Blooms	Category 5	Record ID: 5452	

Assessment	IR_category	Rationale	Monitoring_locations
pH	Category 4A	Record ID: 15699- 2004 Data: [DEQ] LASAR 13945 River Mile 0: From 5/17/2001 to 10/18/2002, 3 out of 11 samples (27%) outside pH criteria range 6 to 8.5. [DEQ] LASAR 25245 River Mile 0: From 5/17/2001 to 5/17/2001, 0 out of 2 samples (0%) outside pH criteria range 6 to; Record ID: 15700- 2004 Data: [DEQ] LASAR 13945 River Mile 0: From 6/5/2001 to 9/22/2002, 5 out of 23 samples (22%) outside pH criteria range 6 to 8.5. [DEQ] LASAR 25245 River Mile 0: From 6/5/2001 to 8/1/2001, 1 out of 4 samples (25%) outside pH criteria range 6 to 8.5	
Harmful Algal Blooms	Category 5	Record ID: 5453 Record ID: 8366- Previous Data: [DEQ] LASAR 20824 River Mile 2.5: From 5/3/1999 to 5/3/1999, 1 out of 1 samples > applicable Table 20 criterion. [DEQ] LASAR 20814 River Mile 4.5: From 5/3/1999 to 5/3/1999, 1 out of 1 samples > applicable Table 20 criterion.	
Iron (total)- Aquatic Life Criteria	Category 5	[DEQ] LASA	

Assessment	IR_category	Rationale	Monitoring_locations
Mercury (total)- Aquatic Life Criteria	Category 5	Record ID: 8393- Previous Data: [DEQ] LASAR 20823 River Mile 2.5: From 5/3/1999 to 9/22/1999, 2 out of 2 samples > applicable Table 20 criterion. [DEQ] LASAR 23126 River Mile 2.5: From 9/22/1999 to 9/22/1999, 0 out of 1 samples > applicable Table 20 criterion. [DEQ] L	
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.75) - all LMB	NLA12_OR-110
Harmful Algal Blooms	Category 5	Record ID: 23215	
Methylmercury- Human Health Criteria	Category 5	Record ID: 9256- Previous Data: Oregon Health Division fish consumption advisory issued 2/12/01.	
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.13)	NLA12_OR-145
Fecal Coliform	Category 5	Record ID: 20525- Previous Data: [DEQ] LASAR 25031 River Mile 1.2: From 2/28/2001 to 2/28/2001, 0 out of 1 samples (0%) > 43 organisms; median concentration of 0 [DEQ] LASAR 25034 River Mile 2.1: From 2/28/2001 to 2/28/2001, 0 out of 1 samples (0%) > 43 organisms; media	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 24805- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 21.1 C in August 2006 and 22.7 C in July 2007 at LASAR station 13597, Pony Creek at Woodland Drive. Exceedences of the salmonid rearing cr	
Fecal Coliform	Category 5	Record ID: 20525- Previous Data: [DEQ] LASAR 25031 River Mile 1.2: From 2/28/2001 to 2/28/2001, 0 out of 1 samples (0%) > 43 organisms; median concentration of 0 [DEQ] LASAR 25034 River Mile 2.1: From 2/28/2001 to 2/28/2001, 0 out of 1 samples (0%) > 43 organisms; media	
Temperature- Year Round	Category 5	Record ID: 24805- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 21.1 C in August 2006 and 22.7 C in July 2007 at LASAR station 13597, Pony Creek at Woodland Drive. Exceedences of the salmonid rearing cr	
Fecal Coliform	Category 5	Record ID: 20525- Previous Data: [DEQ] LASAR 25031 River Mile 1.2: From 2/28/2001 to 2/28/2001, 0 out of 1 samples (0%) > 43 organisms; median concentration of 0 [DEQ] LASAR 25034 River Mile 2.1: From 2/28/2001 to 2/28/2001, 0 out of 1 samples (0%) > 43 organisms; media	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 5	6 of 6 samples < 11 mg/L and 95 % sat Record ID: 4747- Previous Data: Tenmile Lakes Limno. Survey (PSU, 1995): Extensive growth of Elodea densa, a non-native aquatic plant and a "B" designated weed by ODA, dominates the macrophyte assemblage and interferes with beneficial uses; Chlorophyll a exceeds 3 mont	38301-ORDEQ
Aquatic Weeds	Category 4A	71 of 131 results > 0.01 µg/L; 24 of 48 3-consecutive-month-averages > 0.01 µg/L	
Chlorophyll-a	Category 4A		34828-ORDEQ; 34829-ORDEQ
Dissolved Oxygen-Year Round	Category 5	30 out of 137 samples < cold water criteria	34828-ORDEQ; 34829-ORDEQ
Methylmercury-Human Health Criteria	Category 5	Record ID: 80056	35195-ORDEQ
Sedimentation	Category 4A	Record ID: 23114; Record ID: 23117	
Chlorophyll-a	Category 4A	72 of 127 rresults do not meet criteria	14018-ORDEQ; 34830-ORDEQ
Dissolved Oxygen-Spawning	Category 5	Carried forward from previous listing	
Dissolved Oxygen-Year Round	Category 5	26 out of 141 samples < cold water criteria	14018-ORDEQ; 34830-ORDEQ; 37697-ORDEQ; 37698-ORDEQ
Harmful Algal Blooms	Category 4A	Record ID: 4746	

Assessment	IR_category	Rationale	Monitoring_locations
Methylmercury- Human Health Criteria	Category 5	Record ID: 80054	35200-ORDEQ; 35201-ORDEQ
Temperature- Year Round	Category 5	Record ID: 13309- Previous Data: [BLM - Roseburg] LASAR 27871 River Mile 37.9: From 6/28/1999 to 10/7/2000, 123 days with 7-day-average maximum > 16 degrees Celsius. [BLM - Roseburg] LASAR 27948 River Mile 27.9: From 6/5/2001 to 10/8/2001, 80 days with 7-day-average max	
Aquatic Weeds	Category 5	Record ID: 4975- Previous Data: Floras Lake Limnological Survey (PSU, 1995): Extensive growth of Elodea densa, a non-native aquatic plant and a "B" designated weed by ODA, dominates the macrophyte assemblage and interferes with beneficial uses. Record ID: 24837- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedence of the 0.015 mg/l criteria (average value 0.017) at LASAR station 31812, Floras Lake at SW-E finger, between 2/23/05 and 4/19/05. Exceedence of the 0.015 mg/l criteria (average value 0.016) a	
Chlorophyll-a	Category 5	Record ID: 24835- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 22.1 C in August 1999 at LASAR station 25856, Floras Lake outlet.	
Temperature- Year Round	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 24827- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 70.9 F (21.6 C) in June 2003 at LASAR station 18824, Davis Creek at Hwy 101 (tributary to New River).	
Aquatic Weeds	Category 5	Record ID: 4750	
pH	Category 5	Carried forward from previous listing	
Phosphorus- Aquatic Life Criteria	Category 5	Carried forward from previous listing	
Harmful Algal Blooms	Category 5	Record ID: 23205	
Harmful Algal Blooms	Category 5	Record ID: 4129	
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.12)	NLA12_OR-155
Methylmercury- Year Round	Category 5	Carried forward from previous listing	

Assessment	IR_category	Rationale	Monitoring_locations
Chlorophyll-a	Category 5	Record ID: 24504- 2010 Data: EPA listing for RM 15.9 to 17.6. EPA addition to 303(d) list 12/14/2012: Exceedence of the 0.015 mg/l criteria (average value 0.016) at LASAR station 28727, Fish Lake near dam, between 6/12/02 and 8/7/02. Previous Data Record 4128: [D	
Harmful Algal Blooms	Category 5	Record ID: 23212	
pH	Category 5	Record ID: 4221- Previous Data: Salinas (5/94): Average pH values at the surface near the dam of 8.9 (range of 8.9 - 9.0) exceeded the pH standard (6.5 to 8.5) in August - September 1993.; Record ID: 15909- Previous Data: [DEQ] LASAR 28900 River Mile 0: From 7/23/2002 to 7/23/2002, 0 out of 1 samples (0%) outside pH criteria range 6 to 8.5. [DEQ] LASAR 13781 River Mile 0: From 6/12/2002 to 9/23/2002, 19 out of 21 samples (90%) outside pH criteria range 6	
Sedimentation	Category 5	Record ID: 4280- Previous Data: Excessive Sedimentation requires periodic sluicing of Reeder Reservoir to provide storage for drinking water supply (1995 Bear Watershed Analysis, USFS, 1995).	
Temperature- Year Round	Category 5	Record ID: 23111	

Assessment	IR_category	Rationale	Monitoring_locations
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.37) Record ID: 4422- Previous Data: FOG Data (2 sites: above Carter Creek and above Baldy Creek): 7 day moving average of daily maximums of 67.9 and 67.6 with 20 and 24 days exceeded temperature standard (64) in 1996. Four sites in 1997 exceeded temperature criteria 67	NLA12_OR-113
Temperature- Year Round	Category 5		
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.05) Record ID: 3972- Previous Data: TMDL Approved: 2/11/2004	36283-ORDEQ
Temperature- Year Round	Category 5		
Harmful Algal Blooms	Category 5	Record ID: 4413 Record ID: 24394- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the redband and lahontan cutthroat trout criterion (20 C) as high as 22.9 C in in May 2008 at LASAR station 35271, Krumbo Creek 0.5mi u/s of Krumbo Reservoir(Donner und Blitzen River).	
Temperature- Year Round	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 2511- Previous Data: BLM Data (3 sites: below Sawmill Cr, 21S-26E-20nwse; below Claw Cr, 21S-26E-31swnw; below Nicoll Cr, 22S-25E-12se): 7 day average of daily maximums of: 73.9 (1995) and 75.2 (1996) with 47 7-day periods below Sawmill, 79.6 (1996) with 56	
Temperature- Year Round	Category 5	Record ID: 12731- Previous Data: [USFS-W/F] LASAR 31220 River Mile 20.4: From 7/6/2002 to 9/5/2002, 34 days with 7-day-average maximum > 20 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 12731- Previous Data: [USFS-W/F] LASAR 31220 River Mile 20.4: From 7/6/2002 to 9/5/2002, 34 days with 7-day-average maximum > 20 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 12672- Previous Data: [DEQ] LASAR 29454 River Mile 30.6: From 7/6/2002 to 9/20/2002, 57 days with 7-day-average maximum > 20 degrees Celsius. [DEQ] LASAR 12267 River Mile 16.9: From 7/19/1999 to 10/7/2001, 101 days with 7-day-average maximum > 20 degrees Cels	
Temperature- Year Round	Category 5	Record ID: 12673- Previous Data: [DEQ] LASAR 28995 River Mile 10: From 8/28/2000 to 11/1/2000, 66 days with 7-day-average maximum > 20 degrees Celsius. [DEQ] LASAR 24157 River Mile 11: From 7/25/2000 to 10/31/2000, 54 days with 7-day-average maximum > 20 degrees Celsius	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12672- Previous Data: [DEQ] LASAR 29454 River Mile 30.6: From 7/6/2002 to 9/20/2002, 57 days with 7-day-average maximum > 20 degrees Celsius.	
Methylmercury- Human Health Criteria	Category 5	[DEQ] LASAR 12267 River Mile 16.9: From 7/19/1999 to 10/7/2001, 101 days with 7-day-average maximum > 20 degrees Cels	
		Geomean > 0.04 mg/kg (0.11)	NLA12_OR-101
Sedimentation	Category 5	Record ID: 24483- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 31491 (ORSE04-R014) 1 out of 1 (100%) samples outside the East Cascades Ecoregion criteria, data collected in 2004.	
Temperature- Year Round	Category 4A	Record ID: 1954- Previous Data: Approval Date: 8/7/2002	
Chlorophyll-a	Category 5	131 of 216 results > 0.01 µg/L; 37 of 39 3-consecutive-month-averages > 0.01 µg/L	KL0010; KL0011
Dissolved Oxygen- Year Round	Category 5	17 of 517 excursions of 30-D; 119 of 791 excursions of 7-D; 100 of 851 excursions of absolute minimum	423124121583400; 423335121564300
Harmful Algal Blooms	Category 5	Record ID: 23226	
pH	Category 5	Record ID: 2085- Previous Data: TMDL Approved: 8/7/2002	5535
Chlorophyll-a	Category 5	1067 of 1359 results > 0.01 µg/L; 60 of 60 3-consecutive-month-averages > 0.01 µg/L	4.21E+14; 4.22E+14; 4.23E+14; KL0001; KL0002; KL0003; KL0004; KL0005; KL0006; KL0007; KL0008; KL0009

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen- Year Round	Category 5	1494 of 7763 excursions of 30-D; 2248 of 10204 excursions of 7-D; 1781 of 11205 excursions of absolute minimum	421410121492000; 421805121494800; 421838121513900; 421933121550000; 421935121530600; 422042121513100; 422128121530600; 422128121530603; 422305121553800; 422305121553803; 422437121515200; 422500121502800; 422519122005800; 422559121574400; 422559121574403; 422622122004000; 422622122004003; 422719121571400; 422749121540700; 422808122024400; 422820122032100; 422842121584300
Harmful Algal Blooms Methylmercury- Human Health Criteria pH	Category 5	Record ID: 23225	37868-ORDEQ; 38113-ORDEQ 4.21E+14; 4.22E+14; 4.23E+14
Sedimentation	Category 5	Record ID: 24483- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 31491 (ORSE04-R014) 1 out of 1 (100%) samples outside the East Cascades Ecoregion criteria, data collected in 2004.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 4A	Record ID: 24458- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the redband and lahontan cutthroat trout criterion (20 C) as high as 21.9 C in August 2001 at LASAR station 27728, Antelope Creek downstream of Duncan Spring and as high as 27.4 C in M; Record ID: 24459-2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the redband and lahontan cutthroat trout criterion (20 C) as high as 22.3 C in August 2001 at LASAR station 27727, East Branch Lost River downstream of Will Valley Reservoir.	
Ammonia- Aquatic Life Criteria	Category 4A	Record ID: 14826- Previous Data: ote: Segment based on river miles at Oregon border. May need to correct station river miles. [DEQ] LASAR 28290 River Mile 35.5: From 5/21/2003 to 8/27/2003, 0 out of 4 samples > applicable Table 20 criterion. [DEQ] LASAR 30478 River Mi	
Chlorophyll-a	Category 4A	Record ID: 2029- Previous Data: ote: Segment based on river miles at Oregon border. May need to correct station river miles. [DEQ] LASAR 28290 River Mile 35.5: From 8/27/2003 to 9/30/2003, average Chlorophyll a of 0.003 for 1 samples in 1 months. [DEQ] LASAR 30182 R	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round Total Dissolved gas	Category 4A Category 5	Record ID: 24463- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the implementation guidance for the cool water species criteria (20 C) as high as 24.7 C in August 2001 at LASAR station 28292, Lost River at Keller Bridge. Record ID: 26002	
Harmful Algal Blooms	Category 4A	Record ID: 2031	
Temperature- Year Round	Category 4A	Record ID: 12737- Previous Data: [BLM - Klamath Falls RA] LASAR 27730 River Mile 6.8: From 7/26/2001 to 10/9/2001, 40 days with 7-day-average maximum > 20 degrees Celsius.	
Ammonia- Aquatic Life Criteria	Category 4A	Record ID: 14826- Previous Data: ote: Segment based on river miles at Oregon border. May need to correct station river miles. [DEQ] LASAR 28290 River Mile 35.5: From 5/21/2003 to 8/27/2003, 0 out of 4 samples > applicable Table 20 criterion. [DEQ] LASAR 30478 River Mi	

Assessment	IR_category	Rationale	Monitoring_locations
Chlorophyll-a	Category 4A	Record ID: 2032- Previous Data: Note: Segment based on river miles at Oregon border. May need to correct station river miles. [DEQ] LASAR 30179 River Mile 21.4: From 8/27/2003 to 9/30/2003, average Chlorophyll a of 0.009 for 1 samples in 1 months. Previous Data:	
Dissolved Oxygen- Year Round	Category 4A	Record ID: 2015- Previous Data: Considered as part of the Lost River, see Lost River from California Border to California Border for supporting data.; Record ID: 21087- Previous Data: Note: Segment based on river miles at Oregon border. May need to correct station river miles. [DEQ] LASAR 28293 River Mile 2.6: From 8/26/2003 to 8/27/2003, 1 out of 2 samples (50%) < 6.5 mg/l and applicable % saturation. [DEQ] LASAR	
pH	Category 4A	Record ID: 2097- Previous Data: Note: Segment river miles corrected to reflect Oregon border. May need to correct station river miles. [DEQ] LASAR 30179 River Mile 21.4: From 8/26/2003 to 8/27/2003, 0 out of 2 samples (0%) outside pH criteria range 6.5 to 9. Previous	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 4A	Record ID: 24463- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the implementation guidance for the cool water species criteria (20 C) as high as 24.7 C in August 2001 at LASAR station 28292, Lost River at Keller Bridge.	
Total Dissolved gas	Category 5	Record ID: 26002	
Ammonia- Aquatic Life Criteria	Category 4A	Record ID: 15510- Previous Data: [DEQ/ODA - Salem] LASAR 11599 River Mile 0: From 8/16/1994 to 8/29/2001, 6 out of 30 samples > applicable Table 20 criterion. [DEQ] LASAR 11602 River Mile 0: From 8/21/2001 to 8/29/2001, 3 out of 3 samples > applicable Table 20 criterion	
Chlorophyll-a	Category 4A	Record ID: 15776- Previous Data: [DEQ/ODA - Salem] LASAR 11600 River Mile : From 8/22/2001 to 9/30/2001, average Chlorophyll a of 0.114 for 1 samples in 1 months. [DEQ/ODA - Salem] LASAR 10768 River Mile 251.5: From 7/10/2001 to 9/30/2001, average Chlorophyll a of 0.222	
Dissolved Oxygen- Year Round	Category 4A	544 of 1771 excursions of 30-D; 564 of 2041 excursions of 7-D; 524 of 2119 excursions of absolute minimum	421209121463000; 421209121463001
Harmful Algal Blooms	Category 4A	Microcystin (16 ppb) : 10/9/2017 - 11/2/2017	

Assessment	IR_category	Rationale	Monitoring_locations
pH	Category 4A	<p>Record ID: 15514- Previous Data: [DEQ/ODA - Salem] LASAR 11599 River Mile 0: From 4/8/1997 to 3/23/1998, 3 out of 9 samples (33%) outside pH criteria range 6 to 8.5;</p> <p>Record ID: 15515- Previous Data: [DEQ/ODA - Salem] LASAR 11599 River Mile 0: From 8/16/1994 to 8/29/2001, 7 out of 10 samples (70%) outside pH criteria range 6 to 8.5.</p> <p>[DEQ/ODA - Salem] LASAR 11602 River Mile 0: From 8/16/1994 to 8/29/2001, 5 out of 6 samples (83%) outs</p> <p>Record ID: 11982- Previous Data: DEQ] LASAR 26068 River Mile 207.6: From 9/11/2001 to 9/12/2001, 0 out of 2 samples (0%) < 8 mg/l and applicable % saturation.</p> <p>[DEQ/ODA - Salem] LASAR 10764 River Mile 219.3: From 7/19/1994 to 11/19/2003, 6 out of 31 samples (19%) < 8 mg/</p>	
Dissolved Oxygen- Year Round Methylmercury- Human Health Criteria	Category 4A	<p>Record ID: 80050</p>	
Harmful Algal Blooms	Category 4A	<p>Record ID: 2024</p> <p>Record ID: 12579- Previous Data: [DEQ] LASAR 23336 River Mile 0: From 7/2/2000 to 10/20/2000, 72 days with 7-day-average maximum > 20 degrees Celsius.</p>	
Temperature- Year Round	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12581- Previous Data: [DEQ] LASAR 23340 River Mile 6.8: From 7/2/2000 to 10/20/2000, 40 days with 7-day-average maximum > 20 degrees Celsius. [DEQ] LASAR 23341 River Mile 8.3: From 7/2/2000 to 10/20/2000, 26 days with 7-day-average maximum > 20 degrees Celsius; Record ID: 12583- Previous Data: [DEQ] LASAR 23338 River Mile 0: From 7/1/2000 to 10/20/2000, 67 days with 7-day-average maximum > 20 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 12582- Previous Data: [DEQ] LASAR 23350 River Mile 1.3: From 7/2/2000 to 9/2/2000, 32 days with 7-day-average maximum > 20 degrees Celsius. [DEQ] LASAR 23348 River Mile 0: From 7/2/2000 to 10/21/2000, 96 days with 7-day-average maximum > 20 degrees Celsius.	
Chlorophyll-a	Category 5	67 of 120 results > 0.015 µg/L; 19 of 24 3-consecutive-month-average > 0.015 µg/L	13173600
DDD 4,4'- Human Health Criteria	Category 4A	Record ID: 26008	
DDE 4,4'- Human Health Criteria	Category 4A	Record ID: 26004	
DDT 4,4'- Human Health Criteria	Category 4A	Record ID: 26003	
Dieldrin- Human Health Criteria	Category 4A	Record ID: 26005	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 5	3 exceedances of absolute minimum of 9.0 mg/L Record ID: 47- Oregon Health Authority Advisory issued 2/28/12. The average level of mercury found in warm water fish from Brownlee Reservoir (RM 281.1-347.4) is 0.35mg/kg. Previous Data: Idaho Fish Consumption Advisory: 30% of fish tested had levels greater than 0.5; Record ID: 74- Previous Data: Data from 1969 to present, average level of mercury found in fish tissue is 0.41 parts per million. Mercury could be from natural sources, possibly influenced by historical mining practices in the watershed.	13173600
Methylmercury-Human Health Criteria	Category 5		
Phosphorus-Aquatic Life Criteria	Category 5	Record ID: 26010	
Sedimentation	Category 5	Record ID: 26009	
Temperature- Year Round	Category 4A	201 out of 727 7DADM values exceed criteria Record ID: 24397- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedence of the 0.015 mg/l criteria (average value 0.032) at USGS station 28727, Snake River nr Adrian OR, between 10/1/09 and 5/25/10.	13173600
Chlorophyll-a	Category 5		
DDD 4,4'- Human Health Criteria	Category 4A	Record ID: 26008	

Assessment	IR_category	Rationale	Monitoring_locations
DDE 4,4'- Human Health Criteria	Category 4A	Record ID: 26004	
DDT 4,4'- Human Health Criteria	Category 4A	Record ID: 26003	
Dieldrin- Human Health Criteria	Category 4A	Record ID: 26005	
Dissolved Oxygen- Year Round	Category 4A	Record ID: 26007	
E. coli	Category 5	20 of 93 samples > 406 organisms per 100 mL Record ID: 47- Oregon Health Authority Advisory issued 2/28/12. The average level of mercury found in warm water fish from Brownlee Reservoir (RM 281.1-347.4) is 0.35mg/kg. Previous Data: Idaho Fish Consumption Advisory: 30% of fish tested had levels greater than 0.5; Record ID: 74- Previous Data: Data from 1969 to present, average level of mercury found in fish tissue is 0.41 parts per million. Mercury could be from natural sources, possibly influenced by historical mining practices in the watershed.	MAL206
Methylmercury- Human Health Criteria	Category 5		
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 26010	
Sedimentation	Category 4A	Record ID: 26009	
Temperature- Year Round	Category 4A	Record ID: 11- Previous Data: TMDL Approved: 3/1/2004	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12545- Previous Data: [DEQ] LASAR 12263 River Mile 0.7: From 7/17/1999 to 10/5/2001, 120 days with 7-day-average maximum > 20 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 12545- Previous Data: [DEQ] LASAR 12263 River Mile 0.7: From 7/17/1999 to 10/5/2001, 120 days with 7-day-average maximum > 20 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 12540- Previous Data: [DEQ] LASAR 12258 River Mile 109.8: From 6/30/2000 to 10/5/2001, 156 days with 7-day-average maximum > 20 degrees Celsius.	
Arsenic, Inorganic- Human Health Criteria	Category 5	[DEQ] LASAR 12260 River Mile 130.7: From 7/17/1999 to 9/29/2000, 134 days with 7-day-average maximum > 20 degrees	
Dissolved Oxygen- Spawning	Category 5	Doesn't meet delisting requirements	
Iron (total)- Aquatic Life Criteria	Category 5	2 of 9 samples < 11 mg/L and 95% sat	11050-ORDEQ
		2 of 5 samples > 1000 µg/L	

Assessment	IR_category	Rationale	Monitoring_locations
Methylmercury- Human Health Criteria	Category 5	Record ID: 3386- Previous Data: OSHD Health Advisory based on DEQ data: Levels of mercury in fish tested from the Antelope system ranged from 2.4 to 3.6 mg/kg with a mean of 2.9 mg/kg which is almost 3 times the level allowed by FDA for commercial fish (1.0 mg/kg).; Record ID: 3431- Previous Data: Health Division Consumption Health Advisory issues for Mercury in fish tissue (.56 ppm) based on data collected since 1969; Reference level (.35 ppm)	
Arsenic, Inorganic- Human Health Criteria	Category 5	Geomean of 6 samples > criteria Record ID: 3431- Previous Data: Health Division Consumption Health Advisory issues for Mercury in fish tissue (.56 ppm) based on data collected since 1969; Reference level (.35 ppm)	
Methylmercury- Human Health Criteria	Category 5	Geomean of 7 samples > criteria	
Arsenic, Inorganic- Human Health Criteria	Category 5	2 of 6 samples > 1000 µg/L	
Iron (total)- Aquatic Life Criteria Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.46)	37617-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12540- Previous Data: [DEQ] LASAR 12258 River Mile 109.8: From 6/30/2000 to 10/5/2001, 156 days with 7-day-average maximum > 20 degrees Celsius. [DEQ] LASAR 12260 River Mile 130.7: From 7/17/1999 to 9/29/2000, 134 days with 7-day-average maximum > 20 degrees	
Methylmercury- Human Health Criteria	Category 5	Record ID: 3431- Previous Data: Health Division Consumption Health Advisory issues for Mercury in fish tissue (.56 ppm) based on data collected since 1969; Reference level (.35 ppm)	NRSA0809-OR049
Temperature- Year Round	Category 5	Record ID: 12540- Previous Data: [DEQ] LASAR 12258 River Mile 109.8: From 6/30/2000 to 10/5/2001, 156 days with 7-day-average maximum > 20 degrees Celsius. [DEQ] LASAR 12260 River Mile 130.7: From 7/17/1999 to 9/29/2000, 134 days with 7-day-average maximum > 20 degrees	
Dissolved Oxygen- Year Round	Category 5	7 out of 33 samples < cold water criteria	12261-ORDEQ
Iron (total)- Aquatic Life Criteria	Category 5	2 of 6 samples > 1000 µg/L	

Assessment	IR_category	Rationale	Monitoring_locations
Methylmercury- Human Health Criteria	Category 5	Record ID: 3386- Previous Data: OSHD Health Advisory based on DEQ data: Levels of mercury in fish tested from the Antelope system ranged from 2.4 to 3.6 mg/kg with a mean of 2.9 mg/kg which is almost 3 times the level allowed by FDA for commercial fish (1.0 mg/kg).; Record ID: 3431- Previous Data: Health Division Consumption Health Advisory issues for Mercury in fish tissue (.56 ppm) based on data collected since 1969; Reference level (.35 ppm)	
Methylmercury- Human Health Criteria	Category 5	Record ID: 3431- Previous Data: Health Division Consumption Health Advisory issues for Mercury in fish tissue (.56 ppm) based on data collected since 1969; Reference level (.35 ppm)	
Temperature- Year Round	Category 5	Record ID: 12540- Previous Data: [DEQ] LASAR 12258 River Mile 109.8: From 6/30/2000 to 10/5/2001, 156 days with 7-day-average maximum > 20 degrees Celsius. [DEQ] LASAR 12260 River Mile 130.7: From 7/17/1999 to 9/29/2000, 134 days with 7-day-average maximum > 20 degrees	
Methylmercury- Human Health Criteria	Category 5	Record ID: 3431- Previous Data: Health Division Consumption Health Advisory issues for Mercury in fish tissue (.56 ppm) based on data collected since 1969; Reference level (.35 ppm)	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12540- Previous Data: [DEQ] LASAR 12258 River Mile 109.8: From 6/30/2000 to 10/5/2001, 156 days with 7-day-average maximum > 20 degrees Celsius.	
Arsenic, Inorganic- Human Health Criteria	Category 5	[DEQ] LASAR 12260 River Mile 130.7: From 7/17/1999 to 9/29/2000, 134 days with 7-day-average maximum > 20 degrees	
Chlorophyll-a	Category 5	Geomean of 21 samples > criteria 3 of 19 results > 0.015 µg/L; 1 of 5 3-consecutive-month-average > 0.015 µg/L	10729-ORDEQ; 13184000
DDT 4,4'- Human Health Criteria	Category 5	Record ID: 3389- Previous Data: USGS Data (Owyhee R @ Owyhee): 3 water samples with a range of 0.001 - 0.007 ug/l and an average of 0.005 ug/l exceeded DDT standard (fresh chronic criteria - 0.001 ug/l, water and fish ingestion - 0.024 ng/l) in 1990.	
Dieldrin- Human Health Criteria	Category 5	Record ID: 3428- Previous Data: USGS Data (Owyhee R @ Owyhee): 3 water samples with a range of 0.002 - 0.013 ug/l and an average of 0.008 ug/l exceeded Dieldrin standard (fresh chronic criteria - 0.0019 ug/l, water and fish ingestion - 0.071 ng/l) in 1990.	
E. coli	Category 5	22 geometric means > 126 organisms per 100 mL; 29 of 358 samples > 406 organisms per 100 mL	10729-ORDEQ; OWY101; OWY108; OWY110; OWY112; OWY309
Fecal Coliform	Category 5	Record ID: 3346- Previous Data: USBR Data (Site OWY012, Hwy 201; RM 2.9): 38% (15 of 39) Summer values exceeded fecal coliform standard (400) with a maximum of 1400 between WY 1986 - 1995.	

Assessment	IR_category	Rationale	Monitoring_locations
Iron (total)- Aquatic Life Criteria	Category 5	11 of 19 samples > 1000 µg/L	
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 3352- DEQ Data	
Temperature- Year Round	Category 5	Record ID: 12540- Previous Data: [DEQ] LASAR 12258 River Mile 109.8: From 6/30/2000 to 10/5/2001, 156 days with 7-day-average maximum > 20 degrees Celsius. [DEQ] LASAR 12260 River Mile 130.7: From 7/17/1999 to 9/29/2000, 134 days with 7-day-average maximum > 20 degrees	
Chlorophyll-a	Category 5	Record ID: 24397- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedence of the 0.015 mg/l criteria (average value 0.032) at USGS station 28727, Snake River nr Adrian OR, between 10/1/09 and 5/25/10.	
DDD 4,4'- Human Health Criteria	Category 4A	Record ID: 26008	
DDE 4,4'- Human Health Criteria	Category 4A	Record ID: 26004	
DDT 4,4'- Human Health Criteria	Category 4A	Record ID: 26003	
Dieldrin- Human Health Criteria	Category 4A	Record ID: 26005	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen- Year Round	Category 5	Record ID: 26007 Record ID: 47- Oregon Health Authority Advisory issued 2/28/12. The average level of mercury found in warm water fish from Brownlee Reservoir (RM 281.1-347.4) is 0.35mg/kg. Previous Data: Idaho Fish Consumption Advisory: 30% of fish tested had levels greater than 0.5; Record ID: 74- Previous Data: Data from 1969 to present, average level of mercury found in fish tissue is 0.41 parts per million. Mercury could be from natural sources, possibly influenced by historical mining practices in the watershed.	
Methylmercury- Human Health Criteria	Category 5		
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 26010	
Sedimentation	Category 5	Record ID: 26009	
Temperature- Year Round	Category 4A	Record ID: 11- Previous Data: TMDL Approved: 3/1/2004	
Arsenic, Inorganic- Human Health Criteria	Category 5	Geomean of 15 samples > criteria	
Chlorophyll-a	Category 5	7 of 29 results > 0.015 µg/L	10407-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
DDT 4,4'- Human Health Criteria	Category 5	Record ID: 2440- Previous Data: USGS Data (Site at Malheur River near Ontario): 3 water samples with a range of 0.001 - 0.004 ug/l and an average of 0.003 ug/l exceeded DDT standard (fresh chronic criteria - 0.001 ug/l, water and fish ingestion - 0.024 ng/l) in 1990.	
Dieldrin- Human Health Criteria	Category 5	Record ID: 2375- Previous Data: USGS Data (Site at Malheur River near Ontario): 3 water samples with a range of 0.003 - 0.010 ug/l and an average of 0.007 ug/l exceeded Dieldrin standard (fresh chronic criteria - 0.0019 ug/l, water and fish ingestion - 0.071 ng/l) in 19	
E. coli	Category 4A	22 geometric means > 126 organisms per 100 mL	10407-ORDEQ; MAL140
Fecal Coliform	Category 4A	Record ID: 2431- Previous Data: USBR Data (4 Sites: MAL006, MAL102, MAL103, MAL104; RM 0.5, 20, 49, 67.2): 56% (22/39); 69% (27/39); 15% (6/39); 6% (2/31) Summer values respectively exceeded fecal coliform standard (400) with a maximum of 9000 between WY 1986 - 1995.	
Iron (total)- Aquatic Life Criteria	Category 5	11 of 13 samples > criteria	
Temperature- Year Round	Category 5	1351 out of 2991 7DADM values exceed criteria	MNF-050; MNF-051; MNF-135; MNF-136; MNF-137; MNF-138; MNF-139; MNF-140; MNF-141; MNF-142; MNF-143

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 2217- Previous Data: USFS Data (Site at FSR 120): 7 day average of daily maximums of 75 and 77 with 88 and 100 days exceeding temperature standard (64) in 1993 and 1994 respectively.	
Temperature- Year Round	Category 5	Record ID: 2220- Previous Data: BLM Data (2 Sites: Middle, 23S,35E,6sene and Upper, 23S35E,18sww): 7 day average of daily maximums of 84.3 with 44 7-day periods in 1995 and 79.9 with 63 7-day periods in 1996 at the middle site; and 67.4 with 32 7-day periods in 1995 e	
Flow Modification Arsenic, Inorganic-Human Health Criteria	Category 4C	Record ID: 2269- Redband Trout are a state sensitive species, water withdrawal has been identified as a concern (ODFW, 1990); IWR (68359) is often not met at USGS gage (13214000).	
Flow Modification	Category 5	Geomean of 9 samples > criteria Record ID: 2269- Redband Trout are a state sensitive species, water withdrawal has been identified as a concern (ODFW, 1990); IWR (68359) is often not met at USGS gage (13214000).	
Flow Modification	Category 4C	Record ID: 2269- Redband Trout are a state sensitive species, water withdrawal has been identified as a concern (ODFW, 1990); IWR (68359) is often not met at USGS gage (13214000).	
Iron (total)- Aquatic Life Criteria	Category 5	3 of 8 samples > criteria	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 2190- Previous Data: BLM Data (3 Sites: Upton Cabin, 22S,36E2nsw; Carey Spring, 21S,36E,21sww; Below Hwy 20, 21S,36E,5nese): 7 day average of daily maximums of 80.1; 71.5; 77.7 with 41; 14; 36 days respectively exceeding temperature standard (64) in 1995.	
Temperature- Year Round	Category 5	19 out of 53 7DADM values exceed criteria	35275-ORDEQ
Temperature- Year Round	Category 5	Record ID: 2208- Previous Data: USFS Data (Site at FSR 1672, 15S,36E,25): 7 day average of daily maximums of 70 and 80 exceeded temperature standard (64) in 1993 and 1994 respectively; BLM data also available.	
BioCriteria	Category 5	Record ID: 24251- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33715 River Mile 41.03 FROM 8/10/2006 To 8/10/2006 1 out of 1 (100%) samples outside WCCP regional criteria.	
Flow Modification	Category 4C	Record ID: 2270- Redband Trout are a state sensitive species, water withdrawal has been identified as a concern (ODFW, 1990); IWR (71456) is often not met at USGS gage (13216500).	
Temperature- Year Round	Category 5	247 of 338 7DADM values exceed	MNF-062
Dissolved Oxygen- Spawning	Category 4A	Record ID: 24368- 2010 Data: EPA addition to 303(d) list 12/14/2012: Five exceedences of the spawning criteria out of 14 days of sampling collection between 2/99 and 5/00 at STORET station MAL172.	

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 4A	Record ID: 2251- Previous Data: Malheur Co Data (Site 6, 07F003, near mouth): 66% (8 of 12) Summer values exceeded fecal coliform standard (400) with a maximum of 8000 in 1978 - 1980. MOWC data in 1997 shows no exceedance of Fecal Coliform or E. Coli bacteria standard	
Flow Modification	Category 4C	Record ID: 2270- Redband Trout are a state sensitive species, water withdrawal has been identified as a concern (ODFW, 1990); IWR (71456) is often not met at USGS gage (13216500). Record ID: 2210- Previous Data: BLM Data (Site near RM 23) and USFS Data (Site at RM 41.7, 16S-35E-36): 7 day average of daily maximums of 83 and 74 with 89 and 65 days respectively exceeding temperature standard (64) in 1994. BLM RM 23 site in 1996, 7 day ave. max. t	
Temperature- Year Round	Category 5		
Iron (total)- Aquatic Life Criteria	Category 5	Record ID: 24342- 2012 Data: [ODEQ] STATION 11044 at RM 54 for 3 samples from 05/24/2006 to 10/25/2006, 0 of 0 valid samples exceed the 1000 ug/L criteria. [ODEQ] STATION 33175 at RM 65.8 for 3 samples from 05/23/2006 to 10/25/2006, 0 of 0 valid samples exceed the 1000	
Methylmercury- Human Health Criteria	Category 5	Mean of two composite samples > 0.04 mg/kg (0.338)	NRSA0809-OR033; NRSA1314-ORR9-0914

Assessment	IR_category	Rationale	Monitoring_locations
Chlorophyll-a	Category 5	Record ID: 2265- 2004 Data: [DEQ] LASAR 10407 River Mile 0.1: From 6/10/1997 to 9/7/1997, average Chlorophyll a of 0.014 for 2 samples in 2 months. [DEQ] LASAR 11480 River Mile 45.6: From 8/15/2001 to 9/30/2001, average Chlorophyll a of 0.02 for 1 samples in 1 months.	
Fecal Coliform	Category 4A	Record ID: 2431- Previous Data: USBR Data (4 Sites: MAL006, MAL102, MAL103, MAL104; RM 0.5, 20, 49, 67.2): 56% (22/39); 69% (27/39); 15% (6/39); 6% (2/31) Summer values respectively exceeded fecal coliform standard (400) with a maximum of 9000 between WY 1986 - 1995. Record ID: 2464- Previous Data: BLM sites: at Alder Creek in 1995, 7 day ave. max. temperature was 81.8??F and at Wildcat Creek was 72.9??F, both exceeded temperature standard of 64??F.	
Temperature- Year Round Arsenic, Inorganic- Human Health Criteria	Category 5	Geomean of 15 samples > criteria	
E. coli	Category 4A	4 of 58 samples > 406 organisms per 100 mL	11480-ORDEQ; MAL342
Fecal Coliform	Category 4A	Record ID: 2431- Previous Data: USBR Data (4 Sites: MAL006, MAL102, MAL103, MAL104; RM 0.5, 20, 49, 67.2): 56% (22/39); 69% (27/39); 15% (6/39); 6% (2/31) Summer values respectively exceeded fecal coliform standard (400) with a maximum of 9000 between WY 1986 - 1995.	

Assessment	IR_category	Rationale	Monitoring_locations
Iron (total)- Aquatic Life Criteria	Category 5	9 of 13 samples > criteria	
Arsenic, Inorganic-Human Health Criteria	Category 5	Geomean of 13 samples > criteria	10728-ORDEQ 10728-ORDEQ; 33266-ORDEQ; MAL005; MAL183; MAL184; MAL185; MAL187; MAL188; MAL189; MAL190; MAL191; MAL193; MAL195; MAL252
E. coli	Category 4A	geometric means above criteria Record ID: 2254- Previous Data: USBR Data (Site MAL005; RM 4.3): 74% (29 of 39) Summer values exceeded fecal coliform standard (400) with a maximum of 47,000 between WY 1986- 1995. MOWC, 2 sites lower site exceeded fecal coliform 4 out of 6 samples high of 1400 in 199; Record ID: 2434- Previous Data: USBR Data (Site MAL005; RM 4.3): 44% (26 of 59) FWS values exceeded fecal coliform standard (400) with a maximum of 7000 between WY 1986 - 1995.	
Fecal Coliform	Category 4A		
Iron (total)- Aquatic Life Criteria	Category 5	9 of 11 samples > criteria Record ID: 2253- Previous Data: Malheur Co Data Two sites: (Site 21, 07F011, near Westfall): 100% (10 of 10) and (Site 22, 07F013, above Reservoir) 40% (4 of 10) June through October values respectively exceeded fecal coliform standard (400) with a maximum of 23,900 in	10728-ORDEQ
Fecal Coliform	Category 4A		

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 4A	Record ID: 2253- Previous Data: Malheur Co Data Two sites: (Site 21, 07F011, near Westfall): 100% (10 of 10) and (Site 22, 07F013, above Reservoir) 40% (4 of 10) June through October values respectively exceeded fecal coliform standard (400) with a maximum of 23,900 in	
Fecal Coliform Arsenic, Inorganic- Human Health Criteria	Category 4A	Record ID: 2253- Previous Data: Malheur Co Data Two sites: (Site 21, 07F011, near Westfall): 100% (10 of 10) and (Site 22, 07F013, above Reservoir) 40% (4 of 10) June through October values respectively exceeded fecal coliform standard (400) with a maximum of 23,900 in	
E. coli	Category 5	Geomean of 14 samples > criteria 26 geometric means > 126 organisms per 100 mL; 8 of 95 samples > 406 organisms per 100 mL	11043-ORDEQ; MAL003; MAL004; MAL345; MAL385
Iron (total)- Aquatic Life Criteria	Category 5	7 of 12 samples > criteria Record ID: 23620- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33740 River Mile 32.35 FROM 8/8/2006 To 8/8/2006 1 out of 1 (100%) samples outside WCCP regional criteria. LASAR 33807 River Mile 34.91 FROM 8/10/2006 To 8/10/2006 1 out of 1 (100%) samples outsi	
BioCriteria	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Record ID: 23620- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33740 River Mile 32.35 FROM 8/8/2006 To 8/8/2006 1 out of 1 (100%) samples outside WCCP regional criteria. LASAR 33807 River Mile 34.91 FROM 8/10/2006 To 8/10/2006 1 out of 1 (100%) samples outsi	
Chlorophyll-a	Category 5	Record ID: 2267- Previous Data: USBR Data (Site MAL005; RM 4.3): 35% (11 of 31) Summer values exceeded chlorophyll a standard (15 ug/l) with 3 month averages exceeding 15 ug/l in 88, 90, 92, and 95 between WY 1988 - 1995. 1 geometric mean > 126 organisms per 100 mL; 7 of 78 samples > 406 organisms per 100 mL	MAL160; MAL242
E. coli	Category 4A	Record ID: 2254- Previous Data: USBR Data (Site MAL005; RM 4.3): 74% (29 of 39) Summer values exceeded fecal coliform standard (400) with a maximum of 47,000 between WY 1986- 1995. MOWC, 2 sites lower site exceeded fecal coliform 4 out of 6 samples high of 1400 in 199	
Fecal Coliform	Category 4A	Record ID: 23620- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33740 River Mile 32.35 FROM 8/8/2006 To 8/8/2006 1 out of 1 (100%) samples outside WCCP regional criteria. LASAR 33807 River Mile 34.91 FROM 8/10/2006 To 8/10/2006 1 out of 1 (100%) samples outsi	
BioCriteria	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12566- 2004 Data: [BLM - Vale] LASAR 27759 River Mile 4.3: From 5/29/2000 to 9/28/2001, 85 days with 7-day-average maximum > 20 degrees Celsius. Record ID: 24397- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedence of the 0.015 mg/l criteria (average value 0.032) at USGS station 28727, Snake River nr Adrian OR, between 10/1/09 and 5/25/10.	
Chlorophyll-a	Category 5		
DDD 4,4'- Human Health Criteria	Category 4A	Record ID: 26008	
DDE 4,4'- Human Health Criteria	Category 4A	Record ID: 26004	
DDT 4,4'- Human Health Criteria	Category 4A	Record ID: 26003	
Dieldrin- Human Health Criteria	Category 4A	Record ID: 26005	
Dissolved Oxygen- Year Round	Category 5	Record ID: 26007	

Assessment	IR_category	Rationale	Monitoring_locations
Methylmercury- Human Health Criteria	Category 5	Record ID: 47- Oregon Health Authority Advisory issued 2/28/12. The average level of mercury found in warm water fish from Brownlee Reservoir (RM 281.1-347.4) is 0.35mg/kg. Previous Data: Idaho Fish Consumption Advisory: 30% of fish tested had levels greater than 0.5; Record ID: 74- Previous Data: Data from 1969 to present, average level of mercury found in fish tissue is 0.41 parts per million. Mercury could be from natural sources, possibly influenced by historical mining practices in the watershed.	
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 26010	
Sedimentation	Category 5	Record ID: 26009	
Temperature- Year Round	Category 4A	Record ID: 11- Previous Data: TMDL Approved: 3/1/2004	
Temperature- Year Round	Category 5	107 of 965 7-DADM values > bull trout criteria	37337-ORDEQ; 37734-ORDEQ; WWNF-156; WWNF-157
Temperature- Year Round	Category 5	10 of 100 7DADM values> criteria	WWNF-109
Temperature- Year Round	Category 5	47 of 107 7-DADM values > criteria	WWNF-244
Temperature- Year Round	Category 4A	56 out of 85 7DADM values exceed criteria	36382-ORDEQ
Temperature- Year Round	Category 5	Record ID: 3543- Previous Data: USFS Data: (6 sites) 7 day average of daily maximums of 65.9 in 1992; in 1995 was 74.6??F; in 1996 was 68.1/69.3/72.1/66.4??F all exceeded temperature standard (64).	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 3532- Previous Data: USFS site at RM 11; 7 day ave, max, stream temperature in 1995 was 57.5??F and in 1996 was 63.9??F both years exceeded bull trout temperature standard of (50??F).	
Dissolved Oxygen- Year Round	Category 5	6 out of 26 samples < cold water criteria Record ID: 3802- Redband Trout are a state sensitive species, water withdrawal has been identified as a concern (ODFW, 1990); IWR (72186) is often not met at USGS gage (13269300).	37124-ORDEQ; 37727-ORDEQ
Flow Modification	Category 4C	Record ID: 3595- Stream habitat is below potential for supporting fish due to deficient pools and LWD, and a high width to depth ratio (North Fork Burnt River Watershed Analysis, USFS, 1995).	
Habitat Modification	Category 4C	Record ID: 3856- Previous Data: Stream habitat is below potential for supporting fish due to high cobble embeddedness (North Fork Burnt River Watershed Analysis, USFS, 1995).	
Sedimentation Temperature- Year Round	Category 5	581 out of 1386 7DADM values exceed criteria Record ID: 3591- Stream habitat is below potential for supporting fish due to deficient LWD (North Fork Burnt River Watershed Analysis, USFS, 1995).	37124-ORDEQ; 37727-ORDEQ; WWNF-137; WWNF-138; WWNF-182
Habitat Modification	Category 4C		

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation	Category 5	Record ID: 3856- Previous Data: Stream habitat is below potential for supporting fish due to high cobble embeddedness (North Fork Burnt River Watershed Analysis, USFS, 1995).	
Temperature- Year Round	Category 5	Record ID: 3477- Previous Data: USFS Data (Site below Three Cent Gulch): 7 day average of daily maximums of 69.3 with 41 days exceeding temperature standard (64) in 1993. Record ID: 3802- Redband Trout are a state sensitive species, water withdrawal has been identified as a concern (ODFW, 1990); IWR (72186) is often not met at USGS gage (13269300).	
Flow Modification	Category 4C		
pH	Category 5	4 of 13 results > 9.0 standard	37119-ORDEQ
Temperature- Year Round	Category 5	378 out of 611 7DADM values exceed criteria	37119-ORDEQ; WWNF-139
Dissolved Oxygen-Spawning	Category 5	5 of 25 samples < 11 mg/L and 95% sat	36196-ORDEQ
E. coli	Category 5	36 geometric means > 126 organisms per 100 mL; 29 of 71 samples > 406 organisms per 100 mL	36196-ORDEQ
Habitat Modification	Category 4C	Record ID: 3828- Stream habitat is below potential for supporting fish due to deficient pools and LWD (North Fork Burnt River Watershed Analysis, USFS, 1995).	

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation	Category 5	Record ID: 3829- Previous Data: Stream habitat is below potential for supporting fish due to high cobble embeddedness (North Fork Burnt River Watershed Analysis, USFS, 1995).	
Habitat Modification	Category 4C	Record ID: 3828- Stream habitat is below potential for supporting fish due to deficient pools and LWD (North Fork Burnt River Watershed Analysis, USFS, 1995).	
Sedimentation	Category 5	Record ID: 3829- Previous Data: Stream habitat is below potential for supporting fish due to high cobble embeddedness (North Fork Burnt River Watershed Analysis, USFS, 1995).	
Temperature- Year Round	Category 5	Record ID: 3447- Previous Data: USFS Data (Site at 14S-37E-24): 7 day average of daily maximums of 66.7 with 24 days exceeding temperature standard (64) in 1993; Min/Max temperature data for 1992 also available.	
Flow Modification	Category 4C	Record ID: 3804- Redband Trout are a state sensitive species, water withdrawal has been identified as a concern (ODFW, 1993); IWR (72169) is often not met at USGS gage (13273000).	
Temperature- Year Round	Category 5	44 of 143 7-DADM values > criteria	36195-ORDEQ
Dissolved Oxygen- Spawning	Category 5	9 of 31 samples < 11 mg/L and 95% sat	34256-ORDEQ; 36356-ORDEQ
E. coli	Category 5	25 geometric means > 126 organisms per 100 mL; 12 of 72 samples > 406 organisms per 100 mL	34256-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Flow Modification Temperature- Year Round	Category 4C Category 5	Record ID: 3804- Redband Trout are a state sensitive species, water withdrawal has been identified as a concern (ODFW, 1993); IWR (72169) is often not met at USGS gage (13273000). 44 out of 121 7DADM values exceed criteria	34256-ORDEQ
Temperature- Year Round	Category 5	Record ID: 12572- Previous Data: [BLM - Vale] LASAR 27761 River Mile 4.1: From 5/23/2000 to 9/9/2002, 13 days with 7-day-average maximum > 20 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 12559- Previous Data: [BLM - Vale] LASAR 27770 River Mile 5.6: From 5/30/2000 to 9/20/2001, 166 days with 7-day-average maximum > 20 degrees Celsius.	
Flow Modification	Category 4C	Record ID: 3803- Redband Trout are a state sensitive species, water withdrawal has been identified as a concern (ODFW, 1990); IWR (72168) is often not met at USGS gages (13274200, 13275000).	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 3442- Previous Data: USFS Data (2 Sites: #1 (T11S,R36E,S23); #2 (Antlers Guard Station)): 7 day average of daily maximums of >64/80.5 and >64/73.3 with nd/74 and nd/67 days exceeding temperature standard (64) in 1992/1993 respectively.; Record ID: 12550- Previous Data: [BLM - Vale] LASAR 27760 River Mile 30.7: From 7/11/2000 to 9/10/2000, 49 days with 7-day-average maximum > 20 degrees Celsius.; Record ID: 12569- Previous Data: [BLM - Vale] LASAR 27764 River Mile 0.2: From 5/29/2000 to 9/9/2000, 46 days with 7-day-average maximum > 20 degrees Celsius.	
Arsenic, Inorganic- Human Health Criteria	Category 5	Geomean of 15 samples > criteria Record ID: 3803- Redband Trout are a state sensitive species, water withdrawal has been identified as a concern (ODFW, 1990); IWR (72168) is often not met at USGS gages (13274200, 13275000).	
Flow Modification	Category 4C		
Iron (total)- Aquatic Life Criteria	Category 5	4 of 13 samples > 1000 µg/L	
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 13671- DEQ Data	
Temperature- Year Round	Category 5	182 out of 230 7DADM values exceed criteria	11494-ORDEQ; 37128-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation	Category 5	Record ID: 24362- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 26954 (WORP99-0823) 1 out of 1 (100%) samples outside the Blue Mountains Ecoregion criteria, data collected in 2002. Record ID: 12551- Previous Data: [DEQ] LASAR 24423 River Mile 2.1: From 6/9/2000 to 9/7/2000, 76 days with 7-day-average maximum > 20 degrees Celsius. [BLM - Vale] LASAR 27765 River Mile 4.9: From 5/13/2001 to 9/28/2001, 0 days with 7-day-average maximum > 20 degrees Ce; Record ID: 12557- Previous Data: [BLM - Vale] LASAR 27767 River Mile 2.6: From 5/28/2000 to 9/28/2001, 0 days with 7-day-average maximum > 20 degrees Celsius. [BLM - Vale] LASAR 27768 River Mile 7.1: From 7/23/2000 to 9/16/2001, 21 days with 7-day-average maximum > 20 d	
Temperature- Year Round	Category 5		
Temperature- Year Round	Category 5	18 of 569 7-DADM values > criteria	37729-ORDEQ; WWNF-045; WWNF-046
Temperature- Year Round	Category 5	60 out of 104 7DADM values exceed criteria	37327-ORDEQ
Dissolved Oxygen-Spawning	Category 5	5 of 22 samples < 11 mg/L and 95% sat	10725-ORDEQ; 13062-ORDEQ; 26601-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 5	Record ID: 3551- Previous Data: USBR Data (Site POW108; RM 119.3): 10% (3 of 31) Summer values exceeded fecal coliform standard (400) with a maximum of 600 between WY 1986 - 95; DEQ (Site 404169; RM 119.3): 25% (3 of 12) Summer values exceeded fecal coliform standard b; Record ID: 3843- Previous Data: USBR Data (Site POW108; RM 119.3): 15% (6 of 39) FWS values exceeded fecal coliform standard (400) with a maximum of 6200 between WY 1986 - 1995.	
Methylmercury- Human Health Criteria	Category 5	Record ID: 24894- Oregon Health Authority Advisory issued 2/28/12. The average level of mercury found in yellow perch collected from Phillips Reservoir was 0.23mg/kg.	
Temperature- Year Round	Category 5	0 of 2 7-DADM values > criteria; no full critical periods	26601-ORDEQ
Arsenic, Inorganic- Human Health Criteria	Category 5	Geomean of 12 samples > criteria	
E. coli	Category 5	6 geometric means > 126 organisms per 100 mL; 5 of 55 samples > 406 organisms per 100 mL	11490-ORDEQ; POW112; POW114; POW116
Iron (total)- Aquatic Life Criteria	Category 5	3 of 10 samples > 1000 µg/L	
Temperature- Year Round	Category 5	0 of 136 7-DADM values > criteria - full critical period	11490-ORDEQ; 37328-ORDEQ
E. coli	Category 5	33 geometric means > 126 organisms per 100 mL; 41 of 148 samples > 406 organisms per 100 mL	36191-ORDEQ; 36192-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	504 of 891 7-DADM values > criteria	37424-ORDEQ; WWNF-002; WWNF-003
Dissolved Oxygen-Spawning	Category 5	6 of 24 samples < 11 mg/L and 95% sat	12624-ORDEQ; 34252-ORDEQ; 37721-ORDEQ; 37786-ORDEQ
Temperature- Year Round	Category 5	3 of 4 7-DADM values > criteria Record ID: 3514- Previous Data: Baker Valley SWCD Data (2 sites: below Hughes Lane and First Bridge above North Powder): 7 day moving average of daily maximums of approximately 70.4/65.7 and 80.4/no data exceeding temperature standard (64) in 1995 and 1996 respectively	37721-ORDEQ
Temperature- Year Round	Category 5		
Dissolved Oxygen-Spawning	Category 5	2 of 6 samples < 11 mg/L and 95% sat	11858-ORDEQ
Temperature- Year Round	Category 5	4 of 4 7-DADM values > criteria	11858-ORDEQ
Temperature- Year Round	Category 5	150 of 911 7-DADM values > criteria	40318-ORDEQ; WWNF-010
Temperature- Year Round	Category 5	71 out of 113 7DADM values exceed criteria	38285-ORDEQ
Arsenic, Inorganic-Human Health Criteria	Category 5	Geomean of 14 samples > criteria Record ID: 3815- Redband Trout are a state sensitive species, water withdrawal has been identified as a concern (ODFW, 1990); IWR (72193) is often not met at USGS gage (13286700).	
Flow Modification	Category 4C		

Assessment	IR_category	Rationale	Monitoring_locations
Iron (total)- Aquatic Life Criteria	Category 5	2 of 12 samples > 1000 µg/L	
Temperature- Year Round	Category 5	158 out of 258 7DADM values exceed criteria	10724-ORDEQ; 37335-ORDEQ
Arsenic, Inorganic-Human Health Criteria	Category 5	Geomean of 3 samples > criteria	
E. coli	Category 5	23 geometric means > 126 organisms per 100 mL; 8 of 75 samples > 406 organisms per 100 mL Record ID: 3815- Redband Trout are a state sensitive species, water withdrawal has been identified as a concern (ODFW, 1990); IWR (72193) is often not met at USGS gage (13286700).	11857-ORDEQ
Flow Modification	Category 4C		
Temperature- Year Round	Category 5	106 out of 166 7DADM values exceed criteria	37422-ORDEQ
E. coli	Category 5	11 geometric means > 126 organisms per 100 mL; 6 of 74 samples > 406 organisms per 100 mL	36193-ORDEQ
Temperature- Year Round	Category 5	151 of 701 7-DADM values > criteria	37336-ORDEQ; 37738-ORDEQ; WWNF-059; WWNF-061; WWNF-063
Methylmercury-Human Health Criteria	Category 5	Record ID: 24897- Oregon Health Authority Advisory issued 2/28/12. The average level of mercury found in warmwater fish from Brownlee Reservoir is 0.35mg/kg. Record ID: 3513- Previous Data: USBR Data (Site POW110; RM 32.1): 55% (17 of 31) Summer values exceeded temperature standard (64) with exceedances recorded in each year between WY1988 - 1995. SWCD data also available.	
Temperature- Year Round	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Methylmercury- Human Health Criteria	Category 5	Record ID: 74- Previous Data: Data from 1969 to present, average level of mercury found in fish tissue is 0.41 parts per million. Mercury could be from natural sources, possibly influenced by historical mining practices in the watershed.	
Temperature- Year Round	Category 4A	Record ID: 8- Previous Data: TMDL Approved: 3/1/2004	
Total Dissolved gas	Category 5	Record ID: 26002 Record ID: 74- Previous Data: Data from 1969 to present, average level of mercury found in fish tissue is 0.41 parts per million. Mercury could be from natural sources, possibly influenced by historical mining practices in the watershed.	
Methylmercury- Human Health Criteria	Category 5	Record ID: 8- Previous Data: TMDL Approved: 3/1/2004	
Temperature- Year Round	Category 4A	Record ID: 26002 Record ID: 74- Previous Data: Data from 1969 to present, average level of mercury found in fish tissue is 0.41 parts per million. Mercury could be from natural sources, possibly influenced by historical mining practices in the watershed.	
Methylmercury- Human Health Criteria	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 4A	Record ID: 8- Previous Data: TMDL Approved: 3/1/2004; Record ID: 12527- 2004 Data: [DEQ] LASAR 12661 River Mile 17.4: From 7/31/2000 to 8/25/2000, 26 days with 7-day-average maximum > 18 degrees Celsius. [DEQ] LASAR 23042 River Mile 27.7: From 8/1/2000 to 8/25/2000, 25 days with 7-day-average maximum > 18 degrees Celsius.	
Total Dissolved gas	Category 5	Record ID: 26002	
Temperature- Year Round	Category 5	437 out of 543 7DADM results above 12. Record ID: 12537- 2004 Data: [DEQ] LASAR 23604 River Mile 0.1: From 6/10/2000 to 6/18/2000, 0 days with 7-day-average maximum > 12 degrees Celsius. [DEQ] LASAR 25382 River Mile 2.7: From 5/12/2001 to 9/14/2001, 13 days with 7-day-average maximum > 12 degrees Celsius.	WWNF-097
Temperature- Year Round	Category 5	Record ID: 12529- 2004 Data: [DEQ] LASAR 24389 River Mile 55.9: From 8/6/2000 to 10/6/2000, 21 days with 7-day-average maximum > 12 degrees Celsius. [DEQ] LASAR 23603 River Mile 53.7: From 6/11/2000 to 10/6/2000, 46 days with 7-day-average maximum > 12 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 12530- 2004 Data: [DEQ] LASAR 23595 River Mile 0.1: From 6/10/2000 to 10/5/2000, 23 days with 7-day-average maximum > 18 degrees Celsius.	

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria Temperature- Spawning	Category 5	Record ID: 23619- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 24064 River Mile 27.4 FROM 9/14/2000 To 9/14/2000 1 out of 1 (100%) samples outside WCCP regional criteria. LASAR 35627 River Mile 67.16 FROM 7/29/2000 To 7/29/2000 1 out of 1 (100%) samples outsi	
	Category 5	Carried forward from previous listing	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12527- 2004 Data: [DEQ] LASAR 12661 River Mile 17.4: From 7/31/2000 to 8/25/2000, 26 days with 7-day-average maximum > 18 degrees Celsius. [DEQ] LASAR 23042 River Mile 27.7: From 8/1/2000 to 8/25/2000, 25 days with 7-day-average maximum > 18 degrees Celsius.; Record ID: 12528- 2004 Data: [DEQ] LASAR 23032 River Mile 41.5: From 7/25/1999 to 7/31/1999, 3 days with 7-day-average maximum > 16 degrees Celsius.; Record ID: 12531- 2004 Data: [DEQ] LASAR 23596 River Mile 0: From 6/16/2000 to 10/5/2000, 83 days with 7-day-average maximum > 16 degrees Celsius.; Record ID: 12532- 2004 Data: [DEQ] LASAR 21446 River Mile 3.1: From 6/27/1999 to 9/17/1999, 48 days with 7-day-average maximum > 18 degrees Celsius. [DEQ] LASAR 24096 River Mile 1: From 7/31/2000 to 8/25/2000, 26 days with 7-day-average maximum > 18 degrees Celsius.; Record ID: 12533- 2004 Data: [DEQ] LASAR 23599 River Mile 0.1: From 8/18/2000 to 10/5/2000, 15 days with 7-day-average maximum > 12 degrees Celsius.	
Temperature- Year Round	Category 5	275 out of 308 7DADM results above criteria	WWNF-175
Temperature- Spawning	Category 5	7 out of 7 7DADM values exceed spawning criteria of 13	WWNF-095
Temperature- Year Round	Category 5	340 out of 483 7DADM values exceed yearround criteria of 16	WWNF-094; WWNF-095

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 963- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. LWD is limited to that used in restoration projects, pool frequency, and width: depth ratios are below desired feature conditions (Big Sheep Cr Watershed Assessment, USFS, 95	
Temperature-Spawning	Category 5	4 out of 6 monitoring locations have spawn code 27. 193 of 316 7DADM values in spawning periods above criteria	WWNF-012; WWNF-013; WWNF-014; WWNF-015
Temperature- Year Round	Category 5	768 of 1314 7DADM values above criteria Record ID: 963- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. LWD is limited to that used in restoration projects, pool frequency, and width: depth ratios are below desired feature conditions (Big Sheep Cr Watershed Assessment, USFS, 95	WWNF-012; WWNF-013; WWNF-014; WWNF-015; WWNF-016; WWNF-017
Habitat Modification	Category 4C	Record ID: 12532- 2004 Data: [DEQ] LASAR 21446 River Mile 3.1: From 6/27/1999 to 9/17/1999, 48 days with 7-day-average maximum > 18 degrees Celsius. [DEQ] LASAR 24096 River Mile 1: From 7/31/2000 to 8/25/2000, 26 days with 7-day-average maximum > 18 degrees Celsius.	
Temperature- Year Round	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 827- Previous Data: USFS Data (Site at mouth): 7 day moving average of daily maximums of 65.3 and 66.5 exceeded temperature standard (64) in 1992 and 1993 respectively.	
BioCriteria	Category 5	Record ID: 23619- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 24064 River Mile 27.4 FROM 9/14/2000 To 9/14/2000 1 out of 1 (100%) samples outside WCCP regional criteria. LASAR 35627 River Mile 67.16 FROM 7/29/2000 To 7/29/2000 1 out of 1 (100%) samples outsi	
Temperature- Year Round	Category 5	Record ID: 12527- 2004 Data: [DEQ] LASAR 12661 River Mile 17.4: From 7/31/2000 to 8/25/2000, 26 days with 7-day-average maximum > 18 degrees Celsius. [DEQ] LASAR 23042 River Mile 27.7: From 8/1/2000 to 8/25/2000, 25 days with 7-day-average maximum > 18 degrees Celsius.	
Methylmercury- Human Health Criteria	Category 5	Record ID: 74- Previous Data: Data from 1969 to present, average level of mercury found in fish tissue is 0.41 parts per million. Mercury could be from natural sources, possibly influenced by historical mining practices in the watershed.	
Habitat Modification	Category 4C	Record ID: 960- Summer Steelhead are a stock of concern. Large woody debris (LWD) has been identified as below desired feature conditions (DFC) (Upper/Middle GR River Basin Assessment, Bach, 1995).	

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation	Category 4A	Record ID: 1041- Previous Data: USEPA Approval date: 5/3/2000; Record ID: 1055- Previous Data: USEPA Approval date: 5/3/2000; Record ID: 1061- Previous Data: USEPA Approval date: 5/3/2000	
Temperature-Spawning	Category 5	76 out of 84 spawning period 7DADM values exceed criteria	WWNF-083; WWNF-084
Temperature- Year Round	Category 5	818 out of 958 7DADM values exceed criteria Record ID: 952- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. High width: depth ratio and low pool frequency have been identified as below desired feature conditions (Upper/Middle GR River Basin Assessment, Bach, 1995).; Record ID: 967- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. High width: depth ratio and low pool frequency have been identified as below desired feature conditions (Upper/Middle GR River Basin Assessment, Bach, 1995).	WWNF-083; WWNF-084
Habitat Modification	Category 4C	Record ID: 1039- Previous Data: USEPA Approval date: 5/3/2000; Record ID: 1049- Previous Data: USEPA Approval date: 5/3/2000	
Sedimentation	Category 4A		
Temperature-Spawning	Category 5	113 of 211 7DADM values in spawning period exceed spawning criteria Of 13	WWNF-166
Temperature- Year Round	Category 5	339 of 523 7DADM value above criteria	WWNF-166

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 971- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Lack of complex habitat, pool frequency and large woody material have been identified as limiting (Huntington, 1993). Record ID: 1055- Previous Data: USEPA Approval date: 5/3/2000	
Sedimentation Temperature- Year Round	Category 4A Category 5	654 out of 1556 7DADM values exceed criteria	WWNF-089; WWNF-200
Habitat Modification	Category 4C	Record ID: 971- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Lack of complex habitat, pool frequency and large woody material have been identified as limiting (Huntington, 1993). Record ID: 1055- Previous Data: USEPA Approval date: 5/3/2000	
Sedimentation Temperature- Spawning Temperature- Year Round	Category 4A Category 5 Category 5	446 out of 570 spawning period 7DADM values exceed criteria 1116 out of 1506 7DADM values exceed criteria	WWNF-087; WWNF-088; WWNF-090 WWNF-087; WWNF-088; WWNF-090
BioCriteria	Category 5	Record ID: 24255- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 35824 River Mile 0.98 FROM 8/30/2000 To 7/8/2002 1 out of 2 (50%) samples outside WCCP regional criteria.	
Habitat Modification	Category 4C	Record ID: 969- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. High width: depth ratio, low pool frequency, and large woody debris have been identified as below desired feature conditions (Up/Mid GR River Basin Assessment, Bach, 1995).	

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation	Category 4A	Record ID: 1064- Previous Data: USEPA Approval date: 5/3/2000	
Temperature- Spawning	Category 5	67 of 171 7DADM values in spawning period above spawn criteria	WWNF-115
Temperature- Year Round	Category 5	257 of 483 7DADM values above criteria	WWNF-115
BioCriteria	Category 5	Record ID: 24259- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 29295 River Mile 0.06 FROM 9/23/2002 To 9/14/2005 2 out of 4 (50%) samples outside WCCP regional criteria. LASAR 12053 River Mile 0.1 FROM 7/19/1999 To 9/17/2001 0 out of 3 (0%) samples outside	
Habitat Modification	Category 4C	Record ID: 956- Summer Steelhead are a stock of concern. High width: depth ratio, low pool frequency, and large woody debris have been identified as below desired feature conditions (Upper/Middle GR River Basin Assessment, Bach, 1995).	
Sedimentation	Category 4A	Record ID: 1038- Previous Data: USEPA Approval date: 5/3/2000	
Temperature- Spawning	Category 5	88 out of 94 spawning period 7DADM values exceed criteria	WWNF-122

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	383 out of 451 7DADM values exceed criteria	WWNF-122
BioCriteria	Category 5	Record ID: 24258- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 12057 River Mile 12.7 to 23.5 FROM 7/16/2002 To 7/16/2002 1 out of 1 (100%) samples outside WCCP regional criteria. LASAR 12058 FROM 9/18/2001 To 9/18/2001 1 out of 1 (100%) samples outside WCCP	
Habitat Modification	Category 4C	Record ID: 954- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Low pool frequency has been identified as below desired feature conditions (DFC) (Upper/Middle GR River Basin Assessment, Bach, 1995). Record ID: 1162- Previous Data: TMDL	
pH	Category 4A	Approved: 5/3/2000 Record ID: 1043- Previous Data: USEPA	
Sedimentation	Category 4A	Approval date: 5/3/2000	
Temperature- Spawning	Category 5	199 out of 719 spawning period 7DADM values exceed criteria	WWNF-125; WWNF-127
Temperature- Year Round	Category 5	687 out of 1880 7DADM values exceed criteria Record ID: 954- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Low pool frequency has been identified as below desired feature conditions (DFC) (Upper/Middle GR River Basin Assessment, Bach, 1995).	WWNF-125; WWNF-127
Habitat Modification	Category 4C	(DFC) (Upper/Middle GR River Basin Assessment, Bach, 1995).	

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation	Category 4A	Record ID: 1043- Previous Data: USEPA Approval date: 5/3/2000	
Temperature- Spawning	Category 5	182 out of 490 spawning period 7DADM values exceed criteria	WWNF-126
Temperature- Year Round	Category 5	636 out of 1370 7DADM values exceed criteria	WWNF-126
Dissolved Oxygen- Year Round	Category 4A	Record ID: 11817- Previous Data: TMDL Approved: 5/3/2000	
Habitat Modification	Category 4C	Record ID: 974- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. High width: depth ratio, low pool frequency, and LWD have been identified as below desired feature conditions in portions of the creek (U/M GR River Basin Assessment, Bach, 1	
Sedimentation	Category 4A	Record ID: 1037- Previous Data: USEPA Approval date: 5/3/2000	
Temperature- Year Round	Category 5	Data insufficient to calculate 7DADM value	
Temperature- Spawning	Category 5	11 out of 273 spawning period 7DADM values exceed criteria	WWNF-082
Temperature- Year Round	Category 5	318 out of 1181 7DADM values exceed criteria	WWNF-082
Habitat Modification	Category 4C	Record ID: 965- Summer Steelhead are a stock of concern. High width: depth ratio and lack of large woody debris have been identified as below desired feature conditions (Upper/Middle GR River Basin Assessment, Bach, 1995).	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Data insufficient to calculate 7DADM value Record ID: 971- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Lack of complex habitat, pool frequency and large woody material have been identified as limiting (Huntington, 1993).	
Habitat Modification	Category 4C		
Iron (total)- Aquatic Life Criteria	Category 5	3 of 13 samples > 1000 µg/L Record ID: 1055- Previous Data: USEPA Approval date: 5/3/2000	
Sedimentation	Category 4A		
Temperature- Year Round	Category 5	Data insufficient to calculate 7DADM value Record ID: 1062- Previous Data: USEPA Approval date: 5/3/2000	
Sedimentation	Category 4A		
Temperature- Year Round	Category 5	Record ID: 831- Previous Data: USEPA Approval date: 5/3/2000	
Temperature- Year Round	Category 5	69 of 343 7DADM values above criteria. No spawning period	WWNF-009
Temperature- Year Round	Category 5	418 of 461 7DADM values above the 12.0 criteria	WWNF-081
Temperature- Year Round	Category 5	Record ID: 872- Previous Data: USEPA Approval date: 5/3/2000	
Flow Modification	Category 4C	Carried forward from previous listing	
Excess Algal Growth	Category 4A	Record ID: 941	

Assessment	IR_category	Rationale	Monitoring_locations
Flow Modification	Category 4C	Record ID: 950- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Migration and holding of salmon is not possible after July due to low flow (Carmichael, 1993).	
Habitat Modification	Category 4C	Record ID: 1123- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Lack of complex habitat, pool frequency, and large woody debris have been identified as limiting (Huntington, 1993).	
Iron (total)- Aquatic Life Criteria	Category 5	2 of 11 samples > 1000 µg/L	
Phosphorus- Aquatic Life Criteria	Category 4A	Record ID: 1012- Previous Data: USEPA Approval date: 5/3/2000	
Sedimentation	Category 4A	Record ID: 1053- Previous Data: USEPA Approval date: 5/3/2000	
Temperature- Year Round	Category 5	Record ID: 818- Previous Data: USEPA Approval date: 5/3/2000; Record ID: 12538- 2004 Data: [DEQ] LASAR 23028 River Mile 45.1: From 7/24/1999 to 9/20/1999, 59 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 23029 River Mile 38: From 7/24/1999 to 9/20/1999, 40 days with 7-day-average maximum > 18 degrees Celsius.	
Excess Algal Growth	Category 4A	Record ID: 943	

Assessment	IR_category	Rationale	Monitoring_locations
Flow Modification	Category 4C	Record ID: 966- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Migration and holding of salmon is not possible after July due to low flow (Carmichael, 1993).	
Habitat Modification	Category 4C	Record ID: 1125- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Lack of complex habitat, pool frequency, and large woody debris have been identified as limiting (Huntington, 1993).	
pH	Category 4A	Record ID: 1033- Previous Data: TMDL Approved: 5/3/2000 2004 Data: [DEQ] LASAR 11613 River Mile 3.2: From 9/13/1995 to 9/13/1995, 0 out of 1 samples (0%) outside pH criteria range 6.5 to 9.	
Phosphorus-Aquatic Life Criteria	Category 4A	Record ID: 1179- Previous Data: USEPA Approval date: 5/3/2000	
Temperature- Year Round	Category 5	Record ID: 882- Previous Data: USEPA Approval date: 5/3/2000	
Sedimentation	Category 4A	Record ID: 1060- Previous Data: USEPA Approval date: 5/3/2000	
Temperature- Year Round	Category 5	276 out of 1088 7DADM values exceed criteria	WWNF-133
Excess Algal Growth	Category 4A	Record ID: 942	

Assessment	IR_category	Rationale	Monitoring_locations
Flow Modification	Category 4C	Record ID: 968- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Migration and holding of salmon is not possible after early summer due to low flow (Carmichael, 1993).	
Habitat Modification	Category 4C	Record ID: 1126- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Lack of pool habitat and a high width: depth ratio have been identified as limiting factors (Upper/Middle GR River Basin Assessment, Bach, 1995).	
Phosphorus-Aquatic Life Criteria	Category 4A	Record ID: 1015- Previous Data: USEPA Approval date: 5/3/2000	
Temperature- Year Round	Category 5	Data insufficient to calculate 7DADM value	
Temperature- Year Round	Category 5	306 of 524 7DADM values above criteria	WWNF-162
Sedimentation Excess Algal Growth	Category 4A	Record ID: 1057- Previous Data: USEPA Approval date: 5/3/2000	
	Category 4A	Record ID: 941	
Flow Modification	Category 4C	Record ID: 950- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Migration and holding of salmon is not possible after July due to low flow (Carmichael, 1993).	

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 1123- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Lack of complex habitat, pool frequency, and large woody debris have been identified as limiting (Huntington, 1993).	
pH Phosphorus-Aquatic Life Criteria	Category 4A	Record ID: 1029- Previous Data: USEPA Approval date: 5/3/2000	
Sedimentation	Category 4A	Record ID: 1012- Previous Data: USEPA Approval date: 5/3/2000 Record ID: 1053- Previous Data: USEPA Approval date: 5/3/2000	
Temperature- Year Round	Category 5	Record ID: 818- Previous Data: USEPA Approval date: 5/3/2000; Record ID: 12538-2004 Data: [DEQ] LASAR 23028 River Mile 45.1: From 7/24/1999 to 9/20/1999, 59 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 23029 River Mile 38: From 7/24/1999 to 9/20/1999, 40 days with 7-day-average maximum > 18 degrees Celsius.	
Dissolved Oxygen- Year Round Excess Algal Growth	Category 4A	Carried forward from previous listing	
Flow Modification	Category 4A	Record ID: 942 Record ID: 968- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Migration and holding of salmon is not possible after early summer due to low flow (Carmichael, 1993).	

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 1126- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Lack of pool habitat and a high width: depth ratio have been identified as limiting factors (Upper/Middle GR River Basin Assessment, Bach, 1995).	
pH	Category 4A	Record ID: 1031- Previous Data: USEPA Approval date: 5/3/2000	
Phosphorus-Aquatic Life Criteria	Category 4A	Record ID: 1015- Previous Data: USEPA Approval date: 5/3/2000	
Temperature- Year Round	Category 5	Record ID: 836- Previous Data: USEPA Approval date: 5/3/2000	
Temperature- Year Round	Category 5	Record ID: 841- Previous Data: USEPA Approval date: 5/3/2000	
Temperature- Year Round	Category 5	277 of 458 7DADM values above criteria Record ID: 24344- 2010 Data: EPA addition to 303(d) list 12/14/2012: Two exceedences of the 406 maximum criteria out of 8 days of sampling at STORET station GRR152, GRANDE RONDE RIVER AT RHINEHART NR RM105, between 8/22/05 and 8/30/06.	WWNF-103
E. coli Excess Algal Growth	Category 5 Category 4A	Record ID: 941 Record ID: 950- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Migration and holding of salmon is not possible after July due to low flow (Carmichael, 1993).	
Flow Modification	Category 4C		

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 1123- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Lack of complex habitat, pool frequency, and large woody debris have been identified as limiting (Huntington, 1993).	
pH Phosphorus- Aquatic Life Criteria	Category 4A	Record ID: 1029- Previous Data: USEPA Approval date: 5/3/2000	
Sedimentation	Category 4A	Record ID: 1012- Previous Data: USEPA Approval date: 5/3/2000	
Sedimentation	Category 4A	Record ID: 1053- Previous Data: USEPA Approval date: 5/3/2000	
Temperature- Year Round	Category 5	Record ID: 818- Previous Data: USEPA Approval date: 5/3/2000; Record ID: 12538-2004 Data: [DEQ] LASAR 23028 River Mile 45.1: From 7/24/1999 to 9/20/1999, 59 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 23029 River Mile 38: From 7/24/1999 to 9/20/1999, 40 days with 7-day-average maximum > 18 degrees Celsius.	

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 957- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. High width: depth ratio and lack of large woody debris have been identified as below desired feature conditions (Upper/Middle GR River Basin Assessment, Bach, 1995).; Record ID: 958- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. High width: depth ratio and lack of large woody debris have been identified as below desired feature conditions (Upper/Middle GR River Basin Assessment, Bach, 1995). Record ID: 1074- Previous Data: USEPA Approval date: 5/3/2000	
Sedimentation Temperature- Year Round	Category 4A Category 5	184 of 633 7DADM values above criteria	13324300
Excess Algal Growth	Category 4A	Record ID: 941 Record ID: 950- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Migration and holding of salmon is not possible after July due to low flow (Carmichael, 1993).	
Flow Modification	Category 4C	Record ID: 1123- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Lack of complex habitat, pool frequency, and large woody debris have been identified as limiting (Huntington, 1993).	
Habitat Modification	Category 4C		
Iron (total)- Aquatic Life Criteria	Category 5	4 out of 12 samples > 1000 µg/L	

Assessment	IR_category	Rationale	Monitoring_locations
Phosphorus-Aquatic Life Criteria	Category 4A	Record ID: 1012- Previous Data: USEPA Approval date: 5/3/2000	
Sedimentation	Category 4A	Record ID: 1053- Previous Data: USEPA Approval date: 5/3/2000	
Temperature- Year Round	Category 5	Record ID: 818- Previous Data: USEPA Approval date: 5/3/2000; Record ID: 12538-2004 Data: [DEQ] LASAR 23028 River Mile 45.1: From 7/24/1999 to 9/20/1999, 59 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 23029 River Mile 38: From 7/24/1999 to 9/20/1999, 40 days with 7-day-average maximum > 18 degrees Celsius.	
Fecal Coliform	Category 4A	Record ID: 926- Previous Data: DEQ Data (Site 402080; RM 1.0): 15% (3 of 20) Summer values exceeded fecal coliform standard (400) with a maximum value of 1600 between WY 86 - 96.	
Flow Modification	Category 4C	Record ID: 948- Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Redds have declined (35 in 1964; 0/92); flows have been identified as high priority as portion above Spring Cr is often dry during irrigation season (Wallowa Co Salmon Plan, 9	
Habitat Modification	Category 4C	Record ID: 1121- Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Redds have declined (35 in 1964, 0/92); Lack of LWD and pool/riffle ratio for salmon habitat have been identified as a high priority (Wallowa Co Salmon Recovery Plan, 1993).	

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation	Category 5	Record ID: 1042- Previous Data: Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Redds have declined (35 in 1964; 0/92); excess fine sediment have been identified as high priority (Wallowa County Salmon Recovery Plan, 1993).	
Temperature- Year Round	Category 5	Record ID: 12577- 2004 Data: [DEQ] LASAR 11561 River Mile 26.3: From 7/24/1999 to 9/16/1999, 38 days with 7-day-average maximum > 16 degrees Celsius. [BLM - Vale] LASAR 27788 River Mile 5.6: From 6/10/2000 to 10/20/2000, 67 days with 7-day-average maximum > 16 degrees	
Dissolved Oxygen-Spawning	Category 5	6 of 26 results < 11 mg/L and DO sat < 95%; 5 required to list as Cat 5	11586-ORDEQ; 11587-ORDEQ; GRR138; GRR140
E. coli	Category 4A	20 out of 57 geomeans exceed 126.; 11 of 69 samples > 406	11586-ORDEQ; 11587-ORDEQ; 37193-ORDEQ; 37195-ORDEQ; GRR138; GRR140
Fecal Coliform	Category 4A	Record ID: 924- Previous Data: DEQ Data (2 Sites: 404268 and, 404267; RM 2.9 and 3.1): 50% (6 of 12) and 54% (7 of 13) FWS values exceed fecal coliform standard (400) with maximum values of 1100 and 1100 respectively in 1989.	
Habitat Modification	Category 4C	Record ID: 955- Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Lack of large woody debris to provide diversity of habitat (pools and riffles) has been identified as a high priority (Wallowa County Salmon Recovery Plan, 1993).	

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation	Category 5	Record ID: 1054- Previous Data: Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Excess fine sediment and cobble embeddedness have been identified as high priority (Wallowa County Salmon Recovery Plan, 1993).	
Fecal Coliform	Category 4A	Record ID: 926- Previous Data: DEQ Data (Site 402080; RM 1.0): 15% (3 of 20) Summer values exceeded fecal coliform standard (400) with a maximum value of 1600 between WY 86 - 96.	
Flow Modification	Category 4C	Record ID: 948- Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Redds have declined (35 in 1964; 0/92); flows have been identified as high priority as portion above Spring Cr is often dry during irrigation season (Wallowa Co Salmon Plan, 9	
Habitat Modification	Category 4C	Record ID: 1121- Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Redds have declined (35 in 1964, 0/92); Lack of LWD and pool/riffle ratio for salmon habitat have been identified as a high priority (Wallowa Co Salmon Recovery Plan, 1993).	
Sedimentation	Category 5	Record ID: 1051- Previous Data: Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Redds have declined (28 in 64, 1 in 92); excess fine sediment have been identified as high priority (Wallowa County Salmon Recovery Plan, 1993).	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 5	8 of 13 results < 11 mg/L and DO sat < 95%	GRR115
E. coli	Category 4A	Not enough data to calculate geomean; 7 of 33 samples > 406	GRR115
Flow Modification	Category 4C	Record ID: 970- Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Redds have declined (114 in 1964; 14/1991); irrigation withdrawals have been identified as high priority as some portions are dry at times (Wallowa Co Salmon Recovery Plan, 93)	
Habitat Modification	Category 4C	Record ID: 1127- Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Redds have declined (114 in 1964; 14/91); lack of woody material for stream structure and habitat has been identified as high priority (Wallowa Co Salmon Recovery Plan, 1993).	
Sedimentation	Category 5	Record ID: 1044- Previous Data: Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Redds have declined (114 in 1964; 14/91); excess fine sediment has been identified as high priority (Wallowa County Salmon Recovery Plan, 1993).	
Temperature- Year Round	Category 5	12 of 79 7DADM values above criteria	WWNF-121
E. coli	Category 4A	Not enough data to calculate geomean; 11 of 29 samples > 406	GRR113

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 4A	Record ID: 926- Previous Data: DEQ Data (Site 402080; RM 1.0): 15% (3 of 20) Summer values exceeded fecal coliform standard (400) with a maximum value of 1600 between WY 86 - 96.	
Flow Modification	Category 4C	Record ID: 948- Snake R Chinook runs are 10- 15% of historic numbers and are listed under ESA. Redds have declined (35 in 1964; 0/92); flows have been identified as high priority as portion above Spring Cr is often dry during irrigation season (Wallowa Co Salmon Plan, 9	
Habitat Modification	Category 4C	Record ID: 1121- Snake R Chinook runs are 10- 15% of historic numbers and are listed under ESA. Redds have declined (35 in 1964, 0/92); Lack of LWD and pool/riffle ratio for salmon habitat have been identified as a high priority (Wallowa Co Salmon Recovery Plan, 1993).	
Sedimentation	Category 5	Record ID: 1042- Previous Data: Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Redds have declined (35 in 1964; 0/92); excess fine sediment have been identified as high priority (Wallowa County Salmon Recovery Plan, 1993).	
Temperature- Year Round	Category 5	Record ID: 12577- 2004 Data: [DEQ] LASAR 11561 River Mile 26.3: From 7/24/1999 to 9/16/1999, 38 days with 7-day- average maximum > 16 degrees Celsius. [BLM - Vale] LASAR 27788 River Mile 5.6: From 6/10/2000 to 10/20/2000, 67 days with 7- day-average maximum > 16 degrees	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	<p>Record ID: 889- Previous Data: USFS Data (Site at culvert): 7 day moving average of daily maximums of 59.0 exceeded Bull Trout temperature standard (50) in 1993.</p> <p>Record ID: 951- Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Redds have declined (24 in 1964; 55/72; 0/91); flows below diversion are low to non-existent and have been identified as high priority (Wallowa Co Salmon Recovery Plan, 1993).</p>	
Flow Modification	Category 4C	<p>Record ID: 1124- Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Redds have declined (24 in 1964; 55/72; 0/91); pool/riffle ratio and loss of woody material have been identified as high priority (Wallowa County Salmon Recovery Plan, 1993).</p>	
Habitat Modification	Category 4C	<p>Record ID: 1050- Previous Data: Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Redds in Bear Creek have declined (24 in 1964; 55/72; 0/91); excess fine sediment have been identified as high priority (Wallowa County Salmon Recovery Plan, 1</p>	
Sedimentation	Category 5		
Temperature-Spawning	Category 5	<p>Carried forward from previous listing</p>	
Temperature- Year Round	Category 5	<p>Record ID: 12564- 2004 Data: [DEQ] LASAR 23031 River Mile 3.5: From 7/24/1999 to 8/14/1999, 14 days with 7-day-average maximum > 16 degrees Celsius.</p>	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature-Spawning	Category 5	Carried forward from previous listing Record ID: 12564- 2004 Data:	
Temperature- Year Round	Category 5	[DEQ] LASAR 23031 River Mile 3.5: From 7/24/1999 to 8/14/1999, 14 days with 7-day-average maximum > 16 degrees Celsius. Record ID: 1052- Previous Data: Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Redds have declined (176 in 1964; 19/92); excess fine sediment have been identified as high priority - most of drainage is now wilderness (Wallowa Co Salmon Re	
Sedimentation	Category 5	9 out of 998 spawning period 7DADM values exceed criteria	13331500
Temperature-Spawning	Category 5	515 out of 2243 7DADM values exceed criteria	13331500
Temperature- Year Round	Category 5	Record ID: 926- Previous Data: DEQ Data (Site 402080; RM 1.0): 15% (3 of 20) Summer values exceeded fecal coliform standard (400) with a maximum value of 1600 between WY 86 - 96.	
Fecal Coliform	Category 4A	Record ID: 948- Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Redds have declined (35 in 1964; 0/92); flows have been identified as high priority as portion above Spring Cr is often dry during irrigation season (Wallowa Co Salmon Plan, 9	
Flow Modification	Category 4C		

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification Phosphorus-Aquatic Life Criteria	Category 4C	Record ID: 1121- Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Redds have declined (35 in 1964, 0/92); Lack of LWD and pool/riffle ratio for salmon habitat have been identified as a high priority (Wallowa Co Salmon Recovery Plan, 1993).	
	Category 5	Record ID: 13774- Storet, DEQ Data	
Sedimentation Temperature- Year Round	Category 5	Record ID: 1042- Previous Data: Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Redds have declined (35 in 1964; 0/92); excess fine sediment have been identified as high priority (Wallowa County Salmon Recovery Plan, 1993).	
	Category 5	Data insufficient to calculate 7DADM value	
Temperature-Spawning	Category 5	Carried forward from previous listing	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12562- 2004 Data: [BLM - Vale] LASAR 27790 River Mile 1.8: From 6/24/2000 to 9/21/2001, 111 days with 7-day-average maximum > 18 degrees Celsius. [BLM - Vale] LASAR 27803 River Mile 3.1: From 5/27/2001 to 9/21/2001, 41 days with 7-day-average maximum > 18 de; Record ID: 12563- 2004 Data: [BLM - Vale] LASAR 27800 River Mile 0.4: From 5/28/2001 to 9/21/2002, 117 days with 7-day-average maximum > 18 degrees Celsius. [BLM - Vale] LASAR 27801 River Mile 2: From 5/28/2001 to 9/21/2002, 90 days with 7-day-average maximum > 18 degr	
Dissolved Oxygen-Spawning	Category 5	Record ID: 20842- Previous Data: [DEQ/ODA - Salem] LASAR 10719 River Mile 97.5: From 2/8/1994 to 4/15/2003, 2 out of 20 samples (10%) < 11 mg/l and applicable % saturation. Record ID: 964- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Lack of large woody debris has been identified as a high priority between Wildcat Creek to State Line (Wallowa County Salmon Recovery Plan, 1993). Record ID: 1059- Previous Data: Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Excess fine sediment have been identified as high priority (Wallowa County Salmon Recovery Plan, 1993).	
Habitat Modification	Category 4C		
Sedimentation	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12565- 2004 Data: [BLM - Vale] LASAR 27786 River Mile 0.1: From 6/12/2000 to 10/6/2002, 94 days with 7-day-average maximum > 18 degrees Celsius.	
Habitat Modification	Category 4C	Record ID: 964- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Lack of large woody debris has been identified as a high priority between Wildcat Creek to State Line (Wallowa County Salmon Recovery Plan, 1993).	
Sedimentation	Category 5	Record ID: 1059- Previous Data: Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Excess fine sediment have been identified as high priority (Wallowa County Salmon Recovery Plan, 1993).	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12555- 2004 Data: [DEQ] LASAR 24070 River Mile 0.4: From 7/21/2000 to 9/8/2000, 39 days with 7-day-average maximum > 18 degrees Celsius. [BLM - Vale] LASAR 27796 River Mile 3.2: From 6/16/2001 to 9/22/2001, 0 days with 7-day-average maximum > 18 degrees Cels; Record ID: 12558- 2004 Data: [DEQ] LASAR 21521 River Mile 0.1: From 6/28/1999 to 9/20/1999, 51 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 24062 River Mile 9.5: From 7/22/2000 to 8/14/2000, 22 days with 7-day-average maximum > 16 degrees Celsius. ; Record ID: 12560- 2004 Data: [BLM - Vale] LASAR 27783 River Mile 0.2: From 6/12/2000 to 9/21/2001, 95 days with 7-day-average maximum > 18 degrees Celsius.	
Temperature-Spawning	Category 5	Carried forward from previous listing	
Habitat Modification	Category 4C	Record ID: 947- Summer Steelhead are a stock of concern. Pools and Width/Depth Ratio have been identified as being below or near Forest Plan Standard and Guidelines (Upper Joseph Creek Watershed Analysis, USFS, 1995)	

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation Temperature- Year Round	Category 5 Category 5	Record ID: 1084- Previous Data: Summer Steelhead are a stock of concern. Embeddedness has been identified as being below or near Forest Plan Standard and Guidelines (Upper Joseph Creek Watershed Analysis, USFS, 1995)	
Temperature- Year Round	Category 5	658 out of 1241 7DADM values exceed criteria	WWNF-031; WWNF-032
Temperature- Year Round	Category 5	380 of 1143 7DADM values exceed criteria. No data for spawning period	WWNF-058
Habitat Modification	Category 4C	Record ID: 947- Summer Steelhead are a stock of concern. Pools and Width/Depth Ratio have been identified as being below or near Forest Plan Standard and Guidelines (Upper Joseph Creek Watershed Analysis, USFS, 1995)	
Sedimentation	Category 5	Record ID: 1084- Previous Data: Summer Steelhead are a stock of concern. Embeddedness has been identified as being below or near Forest Plan Standard and Guidelines (Upper Joseph Creek Watershed Analysis, USFS, 1995)	
Temperature- Year Round	Category 5	Record ID: 912- Previous Data: ODFW Data (2 Sites: Lower and Upper): 7 day moving average of daily maximums of 80.1/71.6 and 77.8/77.5 exceeded temperature standard (64) in 1992/1993 respectively.	
Temperature- Year Round	Category 5	705 out of 859 7DADM values exceed criteria	WWNF-104

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 953- Summer Steelhead are a stock of concern. Pools, Width/Depth Ratio and Large Woody Debris have been identified as being below or near Forest Plan Standard and Guidelines (Upper Joseph Creek Watershed Analysis, USFS, 1995)	
		Record ID: 1102- Previous Data: Summer Steelhead are a stock of concern. Embeddedness has been identified as being below Forest Plan Standard and Guidelines (Upper Joseph Creek Watershed Analysis, USFS, 1995)	
Sedimentation	Category 5	35 of 79 7DADM values exceed criteria. No data in spawning period.	WWNF-047
Temperature- Year Round	Category 5	562 of 1369 7DADM values exceed criteria value	WWNF-178; WWNF-179; WWNF-180
Temperature- Year Round	Category 5	134 out of 358 7DADM values exceed criteria	WWNF-042
		Record ID: 12539- 2004 Data: [DEQ] LASAR 23239 River Mile 34.2: From 7/26/1999 to 9/18/1999, 36 days with 7-day-average maximum > 18 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 964- Snake R Chinook are listed under ESA, Summer Steelhead are a stock of concern. Lack of large woody debris has been identified as a high priority between Wildcat Creek to State Line (Wallowa County Salmon Recovery Plan, 1993).	
Habitat Modification	Category 4C		

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation	Category 5	Record ID: 1059- Previous Data: Snake R Chinook runs are 10-15% of historic numbers and are listed under ESA. Excess fine sediment have been identified as high priority (Wallowa County Salmon Recovery Plan, 1993).	
Temperature- Year Round	Category 5	Record ID: 12553- 2004 Data: [BLM - Vale] LASAR 27797 River Mile 0.1: From 5/26/2001 to 9/20/2002, 180 days with 7-day-average maximum > 16 degrees Celsius. Record ID: 24396- 2010 Data: EPA addition to 303(d) list 12/14/2012: Fourteen exceedences of the spawning criteria out of 23 days of sampling between 3/10/05 and 5/30/08 at LASAR station 23492, Walla Walla River at Day Road south. Twenty-nine exceedences of the spawnin	23492-ORDEQ
Dissolved Oxygen-Spawning	Category 5		
Temperature- Year Round	Category 5	484 of 676 7DAM vakues exceed criteria	32810-ORDEQ; S122_WWBWC
Dissolved Oxygen-Spawning	Category 5	Record ID: 20861- 2010 Data: EPA addition to 303(d) list 12/14/2012: Sixteen exceedences of the spawning criteria out of 23 days of sampling between 3/10/05 and 5/30/08 at LASAR station 23487, South Fork Walla Walla River at Harris County Park. Previous Data: [DEQ]	23487-ORDEQ
Dissolved Oxygen-Year Round	Category 5	2 out of 7 samples < cool water criteria	23487-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	1192 of 2344 7DADM values exceed criteria	23490-ORDEQ; S101_WWBWC
Temperature- Year Round	Category 5	Record ID: 5263- Previous Data: TMDL Approved: 9/29/2005	
Dissolved Oxygen- Spawning	Category 5	6 of 17 samples < 11 mg/L and 95% sat	23497-ORDEQ; 32007-ORDEQ
Temperature- Spawning	Category 5	379 out of 514 spawning period 7DADM values exceed criteria	32800-ORDEQ; 32801-ORDEQ; 32803-ORDEQ; 32805-ORDEQ
Temperature- Year Round	Category 5	3890 out of 6390 7DADM values exceed criteria	23496-ORDEQ; 32007-ORDEQ; 32800-ORDEQ; 32801-ORDEQ; 32803-ORDEQ; 32805-ORDEQ
Dissolved Oxygen- Spawning	Category 5	4 of 15 samples < 11 mg/L and 95% sat	32012-ORDEQ
Parathion- Aquatic Life Criteria	Category 5	Record ID: 24390- 2010 Data: EPA addition to 303(d) list 12/14/2012: Three exceedences from samples collected at Lasar station 32012 between 3/10/2005 and 5/17/2005	
Chlorpyrifos- Aquatic Life Criteria	Category 5	12 of 84 samples > criteria	
Dissolved Oxygen- Spawning	Category 5	6 of 16 samples < 11 mg/L and 95% sat	33083-ORDEQ
Chlorpyrifos- Aquatic Life Criteria	Category 5	37 of 226 samples > criteria	
Dissolved Oxygen- Spawning	Category 5	16 of 33 samples < 11 mg/L and 95% sat	32010-ORDEQ; 33084-ORDEQ; 34820-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Guthion- Aquatic Life Criteria	Category 5	Doesn't meet minimum delisting requirements. Move to cat 3B due to not enough data to delist	
Temperature- Year Round	Category 4A	Record ID: 5062- Previous Data: USEPA Approval date: 5/9/2001	
Sedimentation	Category 4A	Record ID: 9530- Previous Data: USEPA Approval Date: 5/9/2001	
Temperature- Year Round	Category 4A	Data insufficient to calculate 7DADM value	
Excess Algal Growth	Category 4A	Record ID: 9528	
Habitat Modification	Category 4C	Record ID: 9533- Previous Data: Re-segment Record 5171. River miles 56 to 82 are within the Umatilla Reservation boundaries. This evaluation pertains to Umatilla River and its tributaries. Most of watershed streams did not meet the ODFW guidelines. ODFW Habitat Benchm	
Iron (total)- Aquatic Life Criteria	Category 5	Record ID: 8379- Previous Data: [DEQ/ODA - Salem] LASAR 11089 River Mile 75.5: From 4/30/1996 to 8/25/1998, 2 out of 9 samples > applicable Table 20 criterion. [DEQ/ODA - Salem] LASAR 11086 River Mile 58.7: From 4/30/1996 to 8/25/1998, 3 out of 9 samples > applicable T	
Sedimentation	Category 4A	Record ID: 9530- Previous Data: USEPA Approval Date: 5/9/2001	

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 5274- This evaluation pertains to Meacham Creek and its tributaries. Most of watershed streams did not meet the desirable condition for Pool area or Wood pieces in ODFW guidelines. For Meacham Creek ODFW Habitat Benchmarks for Pool Area (% Total Stream Area)	
Sedimentation	Category 4A	Record ID: 5275- Previous Data: USEPA Approval date: 5/9/2001	
Temperature- Year Round	Category 4A	Record ID: 5028- Previous Data: USEPA Approval date: 5/9/2001; Record ID: 9407- Previous Data: Duplicate of record 5027. River miles 0 to 5 are within the Umatilla reservation boundaries. USEPA Approval date: 5/9/2001	
Habitat Modification	Category 4C	Record ID: 5232- Using ODFW Habitat Benchmarks for Pool Area (% Total Stream Area) Desirable >35%, Undesirable <10% and Wood pieces per 100 m Desirable >20, Undesirable <10. Survey results: Pool Area 11%; Wood pieces 3.2 to 20.3, a majority below 10. Stream marginal to	
Sedimentation	Category 4A	Record ID: 5210- Previous Data: USEPA Approval date: 5/9/2001	
Temperature- Year Round	Category 4A	Record ID: 5029- Previous Data: USEPA Approval date: 5/9/2001	
Habitat Modification	Category 4C	Record ID: 9409- Previous Data: Re-segment Record 5240. River miles 0 to 5 are within the Umatilla reservation boundaries. This evaluation pertains to Meacham Creek and its tributaries. Most of watershed streams did not meet the desirable condition for Pool area or Woo	

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation Temperature- Year Round	Category 4A	Record ID: 9406- Previous Data: Duplicate of record 5215. River miles 0 to 5 are within the Umatilla reservation boundaries. USEPA Approval date: 5/9/2001	
Temperature- Year Round	Category 4A	Data insufficient to calculate 7DADM value	1000; 1001; 1002; 1003; 1011; 1012; 1019
Temperature- Year Round	Category 4A	Data insufficient to calculate 7DADM value	1000; 1001; 1002; 1003; 1011; 1012; 1019
Sedimentation Temperature- Year Round	Category 4A	Record ID: 5210- Previous Data: USEPA Approval date: 5/9/2001	
Temperature- Year Round	Category 4A	Record ID: 5029- Previous Data: USEPA Approval date: 5/9/2001	
Temperature- Year Round	Category 4A	Record ID: 5268- Previous Data: USEPA Approval date: 5/9/2001	
Habitat Modification	Category 4C	Record ID: 5274- This evaluation pertains to Meacham Creek and its tributaries. Most of watershed streams did not meet the desirable condition for Pool area or Wood pieces in ODFW guidelines. For Meacham Creek ODFW Habitat Benchmarks for Pool Area (% Total Stream Area)	
Sedimentation Temperature- Year Round	Category 4A	Record ID: 5275- Previous Data: USEPA Approval date: 5/9/2001; Record ID: 9406- Previous Data: Duplicate of record 5215. River miles 0 to 5 are within the Umatilla reservation boundaries. USEPA Approval date: 5/9/2001	
Arsenic, Inorganic- Human Health Criteria	Category 4A	Data insufficient to calculate 7DADM value	
	Category 5	Geomean of 5 samples > criteria	

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds	23096-ORDEQ; 37795-ORDEQ
Iron (total)- Aquatic Life Criteria	Category 5	Doesn't meet minimum delisting requirements. Move to cat 3B due to not enough data to delist	
Iron (total)- Aquatic Life Criteria	Category 5	Not enough samples to delist	
Nitrates- Human Health Criteria	Category 5	Record ID: 5194- Previous Data: USEPA Approval date: 5/9/2001	
Temperature- Year Round	Category 4A	Data insufficient to calculate 7DADM value	
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds Record ID: 5083- Previous Data: USEPA Approval date: 5/9/2001; Record ID: 5248- Previous Data: USEPA Approval date: 5/9/2001	22985-ORDEQ; 37798-ORDEQ
Fecal Coliform	Category 4A		
Iron (total)- Aquatic Life Criteria	Category 5	9 of 14 samples > 1000 µg/L	
pH	Category 4A	12 of 63 results < 6.5 standard	12005-ORDEQ; 22985-ORDEQ
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 14274- DEQ Data	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round Habitat Modification	Category 4A	Record ID: 5025- Previous Data: USEPA Approval date: 5/9/2001	
	Category 4C	Carried forward from previous listing	
Iron (total)- Aquatic Life Criteria Excess Algal Growth	Category 5	Record ID: 9385- Previous Data: [DEQ/ODA - Salem] LASAR 12006 River Mile 10.1: From 4/30/1996 to 8/26/1998, 3 out of 5 samples > applicable Table 20 criterion. [DEQ] LASAR 13284 River Mile 21.7: From 8/26/1998 to 8/26/1998, 0 out of 1 samples > applicable Table 20 crit	
	Category 4A	Record ID: 5021; Record ID: 9462 Record ID: 9467- Previous Data: Re-segment Record 5171. River miles 56 to 82 are within the Umatilla Reservation boundaries. This evaluation pertains to Umatilla River and its tributaries. Most of watershed streams did not meet the ODFW guidelines. ODFW Habitat Benchm	
Habitat Modification	Category 4C		
Iron (total)- Aquatic Life Criteria	Category 5	2 of 13 samples > 1000 µg/L Record ID: 5252- Previous Data: USEPA Approval date: 5/9/2001; Record ID: 14439- Previous Data: TMDL Approved: 5/9/2001; Record ID: 14443- Previous Data: TMDL	
pH	Category 4A	Approved: 5/9/2001 Record ID: 9464- Previous Data: USEPA	
Sedimentation	Category 4A	Approval date: 5/9/2001	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 4A	Data insufficient to calculate 7DADM value	
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds	37742-ORDEQ; 37801-ORDEQ
Flow Modification	Category 4C	Record ID: 5130- Wild Summer Steelhead populations are a possible species of concern, flows are frequently below Instream Water Right (59836) as measured at USGS gage (14025000) and have been identified as a limiting factor (ODFW, 1993; CTUIR, 1990). Record ID: 5239- Using ODFW Habitat Benchmarks for Pool Area (% Total Stream Area) Desirable >35%, Undesirable <10% and Wood pieces per 100 m Desirable >20, Undesirable <10. Survey results: Pool Area 9%; Wood pieces 0.1 to 2.9. Both measures are in the Undesirable cate	
Habitat Modification	Category 4C	Record ID: 8362- Previous Data: [DEQ] LASAR 12188 River Mile 15.4: From 8/26/1998 to 8/26/1998, 0 out of 1 samples > applicable Table 20 criterion. [ODA] LASAR 12004 River Mile 0.8: From 4/30/1996 to 8/8/1996, 3 out of 6 samples > applicable Table 20 criterion.	
Iron (total)- Aquatic Life Criteria	Category 5	[DEQ] Record ID: 14327- Previous Data: TMDL Approved: 5/9/2001	37742-ORDEQ
pH	Category 4A		
Temperature- Year Round	Category 4A	Data insufficient to calculate 7DADM value	

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 5234- Using ODFW Habitat Benchmarks for Pool Area (% Total Stream Area) Desirable >35%, Undesirable <10% and Wood pieces per 100 m Desirable >20, Undesirable <10. Survey results: Pool Area 10.4%; Wood pieces 0.7 to 11.5. Pool is marginal, wood is in undesira	
Sedimentation	Category 4A	Record ID: 5206- Previous Data: USEPA Approval date: 5/9/2001	
Temperature- Year Round	Category 4A	Data insufficient to calculate 7DADM value	
Excess Algal Growth	Category 4A	Record ID: 5021	
Fecal Coliform	Category 4A	Record ID: 5084- Previous Data: USEPA Approval date: 5/9/2001	
Flow Modification	Category 4C	Record ID: 5132- Summer Steelhead pop are greatly reduced, runs of Fall/Spring Chinook and Coho no longer present largely due to hydro and irrigation operations on mainstem (CTUIR, 90); Flows have been below IWR (59837) but are increasing due to recent flow augmentation.	
Iron (total)- Aquatic Life Criteria	Category 5	7 of 17 samples > 1000 µg/L	
Temperature- Year Round	Category 4A	Data insufficient to calculate 7DADM value	
Turbidity	Category 5	Record ID: 5318- Previous Data: USEPA Approval date: 5/9/2001	
pH	Category 4A	Record ID: 14395- Previous Data: TMDL Approved: 5/9/2001	

Assessment	IR_category	Rationale	Monitoring_locations
pH	Category 4A	Record ID: 14395- Previous Data: TMDL Approved: 5/9/2001	
Temperature- Year Round	Category 4A	Record ID: 12643- Previous Data: TMDL Approved: 5/9/2001	
Iron (total)- Aquatic Life Criteria	Category 5	Doesn't meet minimum delisting requirements. Move to cat 3B due to not enough data to delist Record ID: 5266- Previous Data: USEPA Approval date: 5/9/2001; Record ID: 14395-	
pH	Category 4A	Previous Data: TMDL Approved: 5/9/2001	12015-ORDEQ
Ammonia- Aquatic Life Criteria	Category 4A	Record ID: 5265- Previous Data: USEPA Approval date: 5/9/2001	
pH	Category 4A	Record ID: 9272- Previous Data: TMDL Approved: 5/9/2001	
Fecal Coliform	Category 4A	Record ID: 5084- Previous Data: USEPA Approval date: 5/9/2001	
Flow Modification	Category 4C	Record ID: 5132- Summer Steelhead pop are greatly reduced, runs of Fall/Spring Chinook and Coho no longer present largely due to hydro and irrigation operations on mainstem (CTUIR, 90); Flows have been below IWR (59837) but are increasing due to recent flow augmentation.	
Iron (total)- Aquatic Life Criteria	Category 5	3 of 15 samples > 1000 µg/L	
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.31)	12090-ORDEQ; 35539-ORDEQ
Temperature- Year Round	Category 4A	Data insufficient to calculate 7DADM value	

Assessment	IR_category	Rationale	Monitoring_locations
Turbidity	Category 5	Record ID: 5318- Previous Data: USEPA Approval date: 5/9/2001 Record ID: 24435- 2010 Data:	
Dissolved Oxygen-Spawning	Category 5	EPA addition to 303(d) list 12/14/2012: Five exceedences of the spawning criteria out of 5 days of sampling collection between 2/99 and 5/02 at STORET station 14160007. 4 geometric means > 126 organisms per 100 mL; 1 of 10 samples > 406 organisms per 100 mL	25158-ORDEQ
E. coli	Category 4A		25158-ORDEQ
Temperature- Year Round	Category 5	485 out of 2756 7DADM values exceed criteria	14034470
Dissolved Oxygen-Spawning	Category 5	0 of 5 samples < 11 mg/L and 95% sat Record ID: 5260- 2004 Data: [DEQ] LASAR 25155 River Mile 50.7: From 7/12/2001 to 8/1/2001, 0 out of 3 samples (0%) outside pH criteria range 6.5 to 9. [DEQ] LASAR 25190 River Mile 50.6: From 7/31/2001 to 7/31/2001, 0 out of 1 samples (0%) outside pH criteria range 6.5	25155-ORDEQ
pH	Category 4A		25155-ORDEQ
Temperature- Year Round	Category 5	28 of 2953 7DADM values exceed criteria Record ID: 12685- 2004 Data: [DEQ] LASAR 23015 River Mile 54.4: From 8/5/2000 to 12/14/2000, 5 days with 7-day-average maximum > 20 degrees Celsius. [DEQ] LASAR 25153 River Mile 30.9: From 8/4/2000 to 10/10/2000, 35 days with 7-day-average maximum > 20 degrees Celsius.	14034500
Temperature- Year Round	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 5	4 of 12 samples < 11 mg/L and 95% sat	36785-ORDEQ
Dissolved Oxygen-Year Round	Category 5	10 out of 38 samples < cool water criteria	36785-ORDEQ
Phosphorus-Aquatic Life Criteria	Category 5	Record ID: 60029- DEQ Data	
Dissolved Oxygen-Spawning	Category 5	Carried forward from previous listing	
Phosphorus-Aquatic Life Criteria	Category 5	Record ID: 14571- DEQ Data Record ID: 12685- 2004 Data: [DEQ] LASAR 23015 River Mile 54.4: From 8/5/2000 to 12/14/2000, 5 days with 7-day-average maximum > 20 degrees Celsius. [DEQ] LASAR 25153 River Mile 30.9: From 8/4/2000 to 10/10/2000, 35 days with 7-day-average maximum > 20 degrees Celsius.	
Temperature- Year Round	Category 5		
Arsenic, Inorganic-Human Health Criteria	Category 5	Geomean of 12 samples > criteria Record ID: 1299- Miles Cr WS has genetically unique stock of wild, winter steelhead that has been petitioned for listing under ESA. Pop. are est. at 200-300 fish (compared to recommended min of 400-1000). Portions of Cr below FS boundary go dry due to withdrawals (USFS	
Flow Modification	Category 4C		

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 1236- Miles Cr WS has genetically unique stock of wild, winter steelhead that has been petitioned for listing under ESA. Pop. are est. at 200-300 fish (compared to recommended min of 400-1000). Sites below desired conditions for LWD and channel morphology (US	
Sedimentation	Category 5	Record ID: 1270- Previous Data: Miles Cr WS has genetically unique stock of wild, winter steelhead that has been petitioned for listing under ESA. Pop. are est. at 200-300 fish (compared to recommended min of 400-1000). Sites did not meet desired Condit (>20% surface f	
Temperature- Year Round	Category 5	62 exceedances of 7-DADM out of 198 values	28978-ORDEQ
Temperature- Year Round	Category 5	Record ID: 12736- 2004 Data: [ODFW] LASAR 28339 River Mile 0.1: From 5/19/2000 to 10/20/2000, 85 days with 7-day-average maximum > 18 degrees Celsius. [SWCD WASCO] LASAR 28969 River Mile 9.1: From 6/13/1999 to 9/24/2000, 38 days with 7-day-average maximum > 18 degrees	
Flow Modification	Category 4C	Record ID: 1299- Miles Cr WS has genetically unique stock of wild, winter steelhead that has been petitioned for listing under ESA. Pop. are est. at 200-300 fish (compared to recommended min of 400-1000). Portions of Cr below FS boundary go dry due to withdrawals (USFS	

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 1233- Miles Cr WS has genetically unique stock of wild, winter steelhead that has been petitioned for listing under ESA. Pop. are est. at 200-300 fish (compared to recommended min of 400-1000). Sites below desired conditions for LWD and channel morphology (US	
Sedimentation	Category 5	Record ID: 1266- Previous Data: Miles Cr WS has genetically unique stock of wild, winter steelhead that has been petitioned for listing under ESA. Pop. are est. at 200-300 fish (compared to recommended min of 400-1000). Sites did not meet desired conditions (>20% surfa	
Temperature-Spawning	Category 5	0 out of 39 spawning period 7DADM values exceed criteria - not full spawning period - not enough to delist	33773-ORDEQ
Temperature- Year Round	Category 5	79 out of 234 7DADM values exceed criteria	28972-ORDEQ; 33773-ORDEQ
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds	28971-ORDEQ
Flow Modification	Category 4C	Record ID: 1299- Miles Cr WS has genetically unique stock of wild, winter steelhead that has been petitioned for listing under ESA. Pop. are est. at 200-300 fish (compared to recommended min of 400-1000). Portions of Cr below FS boundary go dry due to withdrawals (USFS	

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 1233- Miles Cr WS has genetically unique stock of wild, winter steelhead that has been petitioned for listing under ESA. Pop. are est. at 200-300 fish (compared to recommended min of 400-1000). Sites below desired conditions for LWD and channel morphology (US	
		Record ID: 1266- Previous Data: Miles Cr WS has genetically unique stock of wild, winter steelhead that has been petitioned for listing under ESA. Pop. are est. at 200-300 fish (compared to recommended min of 400-1000). Sites did not meet desired conditions (>20% surfa	
Sedimentation	Category 5	56 out of 106 spawning period 7DADM values exceed criteria	38611-ORDEQ
Temperature-Spawning	Category 5	88 out of 198 7DADM values exceed criteria	38611-ORDEQ
Temperature- Year Round	Category 5	Record ID: 23670- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 13138 River Mile 1 FROM 7/5/2000 To 6/19/2002 2 out of 2 (100%) samples outside WCCP regional criteria.	
BioCriteria	Category 5	Not enough samples to delist	
Copper- Aquatic Life Criteria	Category 5	Doesn't meet minimum delisting requirements. Move to cat 3B due to not enough data to delist	
Iron (total)- Aquatic Life Criteria	Category 5	Not enough samples to delist	
Temperature-Spawning	Category 4A	72 out of 1929 spawning period 7DADM values exceed criteria	13164-ORDEQ; CTWS-EastFork

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 4A	199 out of 3578 7DADM values exceed criteria	13164-ORDEQ; CTWS-EastFork
Thallium- Human Health Criteria	Category 5	Record ID: 15382- 2010 Data: EPA addition to 303(d) list 12/14/2012: At County Gravel Pit (River Mile 0.75). Four exceedences from samples collected at Lasar station 13138 between 3/27/00 and 6/14/00. Previous Data: [DEQ] LASAR 13178 River Mile 25.1: From 8/4/1998 to	
BioCriteria	Category 5	Record ID: 23354- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 13139 River Mile 1.1 FROM 7/5/2000 To 7/5/2000 1 out of 1 (100%) samples outside WCCP regional criteria.	38560-ORDEQ
Iron (total)- Aquatic Life Criteria	Category 5	Doesn't meet minimum delisting requirements. Move to cat 3B due to not enough data to delist	
Iron (total)- Aquatic Life Criteria	Category 5	Not enough samples to delist	
Temperature- Year Round	Category 4A	1674 out of 3942 7DADM values exceed criteria	37112-ORDEQ; 40263-ORDEQ; 40264-ORDEQ; 40301-ORDEQ; CTWS-MiddleFork
Silver- Aquatic Life Criteria	Category 5	3 of 3 samples < detection limit (0.1 µg/L) - chronic criteria ~ 0.05 µg/L (Hardness around 10 mg/L)	
Temperature- Spawning	Category 4A	77 out of 3027 spawning period 7DADM values exceed criteria	CTWS-WestFork; MHNF-091

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 4A	7 out of 3721 7DADM values exceed criteria - It looks like it was the week of 7/4 to 7/10/15 that drives this listing. No air temp exclusions	CTWS-WestFork; MHNF-091
Thallium- Human Health Criteria	Category 5	Record ID: 24479- 2010 Data: EPA addition to 303(d) list 12/14/2012: At Lost Lake Road (River Mile 4.7). Two exceedences from samples collected at Lasar station 13140 between 3/27/00 and 4/10/00.	
DDE 4,4'- Human Health Criteria	Category 5	Geomean of 3 samples > criteria – 46 of 49 samples with detection limit > criteria	
Dissolved Oxygen- Spawning	Category 5	Carried forward from previous listing	
Iron (total)- Aquatic Life Criteria	Category 5	4 of 12 samples > criteria	
Temperature- Spawning	Category 4A	70 out of 2286 spawning period 7DADM values exceed criteria	CTWS-HoodRiver
Temperature- Year Round	Category 4A	411 out of 3299 7DADM values exceed criteria	CTWS-HoodRiver

Assessment	IR_category	Rationale	Monitoring_locations
Thallium- Human Health Criteria	Category 5	Record ID: 15007- 2010 Data: EPA addition to 303(d) list 12/14/2012: Two exceedences from samples collected at Lasar station 13158 between 6/13/01 and 6/18/01. Previous Data: [DEQ] LASAR 13150 River Mile 11.5: From 8/6/1998 to 10/7/1998, 0 out of 2 samples > applicab	
Temperature- Year Round	Category 5	Record ID: 12764- 2004 Data: [DEQ] LASAR 25198 River Mile 0.7: From 7/10/1999 to 9/29/2000, 129 days with 7-day-average maximum > 18 degrees Celsius. [DEQ] LASAR 25200 River Mile 3.5: From 7/13/1999 to 10/21/2000, 91 days with 7-day-average maximum > 18 degrees Celsius	
Temperature- Spawning	Category 4A	3 out of 289 spawning period 7DADM values exceed criteria	CRGNSA-005
Temperature- Year Round	Category 4A	67 out of 717 7DADM values exceed criteria	CRGNSA-005
BioCriteria	Category 5	Record ID: 23307- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 26891 River Mile 47.3 FROM 7/30/2002 To 7/30/2002 1 out of 1 (100%) samples outside WCCP regional criteria.	
Temperature- Year Round	Category 5	Record ID: 12658- 2004 Data: [NF - Ochoco] LASAR 31140 River Mile 14.2: From 6/22/2002 to 9/30/2002, 47 days with 7-day-average maximum > 18 degrees Celsius.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12658- 2004 Data: [NF - Ochoco] LASAR 31140 River Mile 14.2: From 6/22/2002 to 9/30/2002, 47 days with 7-day-average maximum > 18 degrees Celsius.	
Sedimentation	Category 5	Record ID: 24416- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 25408 (WORP99-0724) 1 out of 1 (100%) samples outside the Blue Mountains Ecoregion criteria, data collected in 2001.	
BioCriteria	Category 5	Record ID: 23304- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 25408 River Mile 2.7 FROM 7/24/2001 To 7/24/2001 1 out of 1 (100%) samples outside WCCP regional criteria.	
Sedimentation	Category 5	Record ID: 24416- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 25408 (WORP99-0724) 1 out of 1 (100%) samples outside the Blue Mountains Ecoregion criteria, data collected in 2001.	
Temperature- Year Round	Category 5	Record ID: 12655- 2004 Data: [DEQ] LASAR 25408 River Mile 2.7: From 5/14/2001 to 9/23/2001, 38 days with 7-day-average maximum > 18 degrees Celsius.; Record ID: 12657- 2004 Data: [NF - Ochoco] LASAR 31113 River Mile 2.5: From 6/21/2002 to 10/13/2002, 12 days with 7-day-average maximum > 18 degrees Celsius.	

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation Temperature- Year Round	Category 5 Category 5	Record ID: 24418- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 30429 (WORP99-1021) 1 out of 1 (100%) samples outside the Blue Mountains Ecoregion criteria, data collected in 2003. 5 exceedances of 7-DADM out of 122 values	MNF-054
Sedimentation	Category 5	Record ID: 24418- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 30429 (WORP99-1021) 1 out of 1 (100%) samples outside the Blue Mountains Ecoregion criteria, data collected in 2003.	
Temperature- Year Round	Category 5	Record ID: 1379- Previous Data: BLM Data (Site at mouth): 7 day average of daily maximums of 82.5/75.1/82.6 with 133/76/89 days exceeding standard (64) in 92/93/94 respectively; USFS (Site FSR 2170): 7 day aver of daily max of 71/65/70 exceeding standard (64) in 92/93/	
Fecal Coliform	Category 5	Record ID: 1908- Previous Data: DEQ Data (Site 404158; RM 215.4): 24% (6 of 25) Summer values exceeded fecal coliform standard (400) with a maximum value of 2400 between WY 1986 - 1995.	
Flow Modification	Category 4C	Carried forward from previous listing	
Temperature- Year Round	Category 5	Record ID: 1363- Previous Data: OSU Data (Site at mouth): 7 day average of daily maximum of 74.5 with 46 days exceeding temperature standard (64) in 1993.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 1928- Previous Data: OSU Data (Site at mouth): 7 day average of daily maximum of 74.0 with 40 days exceeding temperature standard (64) in 1993.	
Fecal Coliform	Category 5	Record ID: 1908- Previous Data: DEQ Data (Site 404158; RM 215.4): 24% (6 of 25) Summer values exceeded fecal coliform standard (400) with a maximum value of 2400 between WY 1986 - 1995.	
Flow Modification	Category 4C	Carried forward from previous listing	
Temperature- Year Round	Category 5	Record ID: 1332- Previous Data: OSU Data (Site at mouth): 7 day average of daily maximum of 72 with 39 days exceeding temperature standard (64) in 1993.	
Fecal Coliform	Category 5	Record ID: 1908- Previous Data: DEQ Data (Site 404158; RM 215.4): 24% (6 of 25) Summer values exceeded fecal coliform standard (400) with a maximum value of 2400 between WY 1986 - 1995.	
Flow Modification	Category 4C	Record ID: 1568- Spring Chinook and Steelhead production is limited by rearing conditions and increasing flow has been identified as a need (Salmon and Steelhead Plan, 1990); IWR (59798) for fish is frequently not met during summer at gage 14038530.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 1342- Previous Data: BLM Data (Site above Canyon City): 7 day average of daily maximums of 66.5/68.4 with 26/87 days exceeding temperature standard (64) in 1993/1994; USFS (at Hwy 65): 7 day average of daily maximums of 66/85 with 5/97 days exceeding standar	
BioCriteria	Category 5	Record ID: 24261- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 35863 River Mile 0.04 FROM 7/6/2001 To 7/6/2001 1 out of 1 (100%) samples outside WCCP regional criteria.	
Temperature- Year Round	Category 5	81 exceedances of 7-DADM out of 115 values	MNF-018
Temperature- Year Round	Category 5	68 exceedances of 7-DADM out of 115 values	MNF-032
Dissolved Oxygen-Spawning	Category 4A	Record ID: 24448- 2010 Data: EPA addition to 303(d) list 12/14/2012: Four exceedences of the spawning criteria out of 31 days of sampling between 2/24/99 and 4/7/11 at LASAR station 11479, John Day River upstream of Dayville. Three exceedences of the spawning criteria	31990-ORDEQ
Fecal Coliform	Category 5	Record ID: 1908- Previous Data: DEQ Data (Site 404158; RM 215.4): 24% (6 of 25) Summer values exceeded fecal coliform standard (400) with a maximum value of 2400 between WY 1986 - 1995.	

Assessment	IR_category	Rationale	Monitoring_locations
Flow Modification	Category 4C	Record ID: 1568- Spring Chinook and Steelhead production is limited by rearing conditions and increasing flow has been identified as a need (Salmon and Steelhead Plan, 1990); IWR (59798) for fish is frequently not met during summer at gage 14038530.	
Temperature- Year Round	Category 5	Record ID: 12648- 2004 Data: [NF - Malheur] LASAR 26556 River Mile 3.7: From 6/13/1998 to 9/28/2001, 28 days with 7-day-average maximum > 18 degrees Celsius. Record ID: 1908- Previous Data: DEQ Data (Site 404158; RM 215.4): 24% (6 of 25) Summer values exceeded fecal coliform standard (400) with a maximum value of 2400 between WY 1986 - 1995.	
Fecal Coliform	Category 5		
Flow Modification	Category 4C	Record ID: 1568- Spring Chinook and Steelhead production is limited by rearing conditions and increasing flow has been identified as a need (Salmon and Steelhead Plan, 1990); IWR (59798) for fish is frequently not met during summer at gage 14038530.	
Iron (total)- Aquatic Life Criteria	Category 5	2 of 10 samples > 1000 µg/L Record ID: 1331- Previous Data: BLM Data (Site near lower Crest Gauge): 7 day average of daily maximum of 74.5 with 122 days exceeding temperature standard (64) in 1994. 1997 BLM study also available with data collected in 1995.	
Temperature- Year Round	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 1345- Previous Data: BLM Data: 7 day average of daily maximums of 77.2 (2.3 miles above Hwy in 1993) and 78.7 (at crest gage in 1994) exceeded standard (64); USFS Data (At National Forest boundary): 54 days exceeded standard with a maximum of 69 in 1995	
Dissolved Oxygen- Spawning	Category 4A	Record ID: 24448- 2010 Data: EPA addition to 303(d) list 12/14/2012: Four exceedences of the spawning criteria out of 31 days of sampling between 2/24/99 and 4/7/11 at LASAR station 11479, John Day River upstream of Dayville. Three exceedences of the spawning criteria	
Fecal Coliform	Category 5	Record ID: 1908- Previous Data: DEQ Data (Site 404158; RM 215.4): 24% (6 of 25) Summer values exceeded fecal coliform standard (400) with a maximum value of 2400 between WY 1986 - 1995.	
Flow Modification	Category 4C	Record ID: 1568- Spring Chinook and Steelhead production is limited by rearing conditions and increasing flow has been identified as a need (Salmon and Steelhead Plan, 1990); IWR (59798) for fish is frequently not met during summer at gage 14038530.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12720- 2004 Data: [WSC John Day] LASAR 28451 River Mile 200.7: From 5/28/2000 to 8/28/2000, 84 days with 7-day-average maximum > 18 degrees Celsius. [WSC John Day] LASAR 28452 River Mile 202.5: From 5/27/2000 to 9/23/2000, 110 days with 7-day-average maximum	
Temperature- Year Round	Category 5	Record ID: 1378- Previous Data: BLM Data (Site at gaging station): 7 day average of daily maximum of 74.6/83.1 with 67/112 days exceeding temperature standard (64) in 1993/1994 respectively.	
Temperature- Year Round	Category 5	Record ID: 1378- Previous Data: BLM Data (Site at gaging station): 7 day average of daily maximum of 74.6/83.1 with 67/112 days exceeding temperature standard (64) in 1993/1994 respectively.	
Temperature- Year Round	Category 5	Record ID: 12663- 2004 Data: [WSC John Day] LASAR 24479 River Mile 0.1: From 5/27/2000 to 9/10/2000, 92 days with 7-day-average maximum > 18 degrees Celsius. [NF - Ochoco] LASAR 31143 River Mile 22.6: From 6/17/2002 to 9/28/2002, 7 days with 7-day-average maximum > 18	
Fecal Coliform	Category 5	Record ID: 1908- Previous Data: DEQ Data (Site 404158; RM 215.4): 24% (6 of 25) Summer values exceeded fecal coliform standard (400) with a maximum value of 2400 between WY 1986 - 1995.	

Assessment	IR_category	Rationale	Monitoring_locations
Flow Modification	Category 4C	Record ID: 1568- Spring Chinook and Steelhead production is limited by rearing conditions and increasing flow has been identified as a need (Salmon and Steelhead Plan, 1990); IWR (59798) for fish is frequently not met during summer at gage 14038530.	
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.28) Record ID: 12719- 2004 Data: [WSC John Day] LASAR 28453 River Mile 181: From 5/28/2000 to 9/23/2000, 81 days with 7-day-average maximum > 20 degrees Celsius.; Record ID: 12720- 2004 Data: [WSC John Day] LASAR 28451 River Mile 200.7: From 5/28/2000 to 8/28/2000, 84 days with 7-day-average maximum > 18 degrees Celsius. [WSC John Day] LASAR 28452 River Mile 202.5: From 5/27/2000 to 9/23/2000, 110 days with 7-day-average maximum	37720-ORDEQ
Temperature- Year Round	Category 5	Record ID: 1672- Includes North Fork John Day River and its tributaries. For PACFISH Management Objectives did not meet pool frequency, but did meet large woody debris objectives. Riparian habitat in fair/good condition. Bank stability high. Within the watershed exte	
Habitat Modification	Category 4C		
Temperature- Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	73 exceedances of 7-DADM out of 118 values	WWNF-143

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 1604- Includes Granite Creek and its tributaries. For Granite Creek PACFISH Management Objectives did not meet pool frequency or large woody debris objectives. Riparian habitat in fair/good condition. Bank stability below standard. Within the watershed ext	
Temperature- Year Round	Category 5	Data insufficient to calculate 7DADM value	
Temperature- Year Round	Category 5	Data insufficient to calculate 7DADM value	
BioCriteria	Category 5	Record ID: 23633- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 30423 River Mile 9.4 FROM 8/27/2003 To 8/27/2003 1 out of 1 (100%) samples outside WCCP regional criteria.	
Habitat Modification	Category 4C	Record ID: 1604- Includes Granite Creek and its tributaries. For Granite Creek PACFISH Management Objectives did not meet pool frequency or large woody debris objectives. Riparian habitat in fair/good condition. Bank stability below standard. Within the watershed ext	
Temperature- Year Round	Category 5	Data insufficient to calculate 7DADM value	
Temperature- Year Round	Category 5	Record ID: 1405- Previous Data: USFS Data (Site at mouth): 7 day average of daily maximum of 68/72.8/72??F exceeded 64 ??F temperature standard in 1993/94/96.	
Temperature- Spawning	Category 5	Carried forward from previous listing	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12665- 2004 Data: [DEQ] LASAR 25540 River Mile 74.9: From 7/29/2001 to 8/31/2001, 34 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 25544 River Mile 59.6: From 7/28/2001 to 10/27/2001, 52 days with 7-day-average maximum > 16 degrees Celsius	
Temperature- Spawning	Category 5	Carried forward from previous listing Record ID: 12665- 2004 Data: [DEQ] LASAR 25540 River Mile 74.9: From 7/29/2001 to 8/31/2001, 34 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 25544 River Mile 59.6: From 7/28/2001 to 10/27/2001, 52 days with 7-day-average maximum > 16 degrees Celsius	
Temperature- Year Round	Category 5		
Temperature- Year Round	Category 5	117 exceedances of 7-DADM out of 334 values	UmatNF-066
Temperature- Year Round	Category 5	Record ID: 1405- Previous Data: USFS Data (Site at mouth): 7 day average of daily maximum of 68/72.8/72??F exceeded 64 ??F temperature standard in 1993/94/96.	
Temperature- Year Round	Category 5	356 exceedances of 7-DADM out of 696 values	UmatNF-039
Temperature- Spawning	Category 5	26 out of 29 spawning period 7DADM values exceed criteria	UmatNF-011
Temperature- Year Round	Category 5	333 out of 383 7DADM values exceed criteria	UmatNF-011; UmatNF-012

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Carried forward from previous listing Record ID: 1435- Previous Data: USFS Data (Site at mouth): 7 day average of daily maximum of 64.3/65/64??F exceeded temperature standard (64) in 1993/95/96.	
Temperature- Year Round	Category 5	Record ID: 1564- Camas Watershed produces very small numbers of chinook and redd counts remain low, improving habitat conditions (pools, LWD) have been identified as a high priority (Camas Ecosystem Analysis, 1995).	
Habitat Modification Temperature- Spawning	Category 4C	Carried forward from previous listing Record ID: 12636- 2004 Data: [DEQ] LASAR 24446 River Mile 24.9: From 6/16/2000 to 8/31/2000, 71 days with 7-day- average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 1565- Camas Watershed produces very small numbers of chinook and redd counts remain low, improving habitat conditions (pools, LWD) have been identified as a high priority (Camas Ecosystem Analysis, 1995).	
Habitat Modification	Category 4C		

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 1409- Previous Data: USFS Data (Site above Pasture Creek): 7 day average of daily maximum of >64 exceeded temperature standard (64) with maximums of 74 and 70 recorded in 1992 and 1993 respectively. In 1994/95 water temperatures were 70.5/69.9°F; Record ID: 1410- Previous Data: USFS Data (Site at mouth): 7 day average of daily maximums of 73.3/78.1/73 exceeded temperature standard (64) in 1993/94/95 respectively.	
Habitat Modification	Category 4C	Record ID: 1561- Camas Watershed produces very small numbers of chinook and redd counts remain low, improving habitat conditions (pools, LWD) have been identified as a high priority (Camas Ecosystem Analysis, 1995).	
Temperature-Spawning	Category 5	27 exceedances of 7-DADM out of 43 values in spawning period	UmatNF-020
Temperature- Year Round	Category 5	549 exceedances of 7-DADM out of 1036 values	UmatNF-020
BioCriteria	Category 5	Record ID: 23292- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 26880 River Mile 1.98 FROM 7/16/2002 To 7/16/2002 0 out of 1 (0%) samples outside WCCP regional criteria. LASAR 24446 River Mile 24.9 FROM 8/8/2000 To 8/8/2000 1 out of 1 (100%) samples outside	

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification Temperature- Spawning	Category 4C	Record ID: 1564- Camas Watershed produces very small numbers of chinook and redd counts remain low, improving habitat conditions (pools, LWD) have been identified as a high priority (Camas Ecosystem Analysis, 1995).	
Temperature- Year Round	Category 5	Carried forward from previous listing Record ID: 12636- 2004 Data: [DEQ] LASAR 24446 River Mile 24.9: From 6/16/2000 to 8/31/2000, 71 days with 7-day-average maximum > 16 degrees Celsius.	
Habitat Modification	Category 4C	Record ID: 1560- Camas Watershed produces very small numbers of chinook and redd counts remain low, improving habitat conditions (pools, LWD) have been identified as a high priority (Camas Ecosystem Analysis, 1995).	
Temperature- Year Round	Category 5	Record ID: 1439- Previous Data: USFS Data (Site at mouth): 7 day average of daily maximum of 77 exceeded temperature standard (64) in 1993.	
Habitat Modification Temperature- Year Round	Category 4C	Record ID: 1564- Camas Watershed produces very small numbers of chinook and redd counts remain low, improving habitat conditions (pools, LWD) have been identified as a high priority (Camas Ecosystem Analysis, 1995).	
	Category 5	Data insufficient to calculate 7DADM value	

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 1564- Camas Watershed produces very small numbers of chinook and redd counts remain low, improving habitat conditions (pools, LWD) have been identified as a high priority (Camas Ecosystem Analysis, 1995).	
Temperature- Year Round	Category 5	609 out of 919 7DADM values exceed criteria Record ID: 23291- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 35818 River Mile 9.64 FROM 7/10/2000 To 7/10/2000 1 out of 1 (100%) samples outside WCCP regional criteria.	UmatNF-008
BioCriteria	Category 5	LASAR 35819 River Mile 13.65 FROM 6/30/2000 To 6/30/2000 1 out of 1 (100%) samples ou	
Habitat Modification	Category 4C	Record ID: 1562- Camas Watershed produces very small numbers of chinook and redd counts remain low, improving habitat conditions (pools, LWD) have been identified as a high priority (Camas Ecosystem Analysis, 1995).	
Temperature- Year Round	Category 5	35 exceedances of 7-DADM out of 121 values	UmatNF-002
Habitat Modification	Category 4C	Record ID: 1560- Camas Watershed produces very small numbers of chinook and redd counts remain low, improving habitat conditions (pools, LWD) have been identified as a high priority (Camas Ecosystem Analysis, 1995).	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 1439- Previous Data: USFS Data (Site at mouth): 7 day average of daily maximum of 77 exceeded temperature standard (64) in 1993.	
BioCriteria	Category 5	Record ID: 23951- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 26934 River Mile 10 FROM 7/16/2002 To 7/16/2002 1 out of 1 (100%) samples outside WCCP regional criteria.	
Dissolved Oxygen- Spawning	Category 4A	Record ID: 24405- 2010 Data: EPA addition to 303(d) list 12/14/2012: Five exceedences of the spawning criteria out of 5 days of sampling collection between 2/99 and 5/02 at STORET station 14170003.	
Dissolved Oxygen- Year Round	Category 4A	Record ID: 24406- 2010 Data: EPA addition to 303(d) list 12/14/2012: Six exceedences of the cold water criteria out of 10 days of sampling collection between 5/99 and 8/02 at STORET station 14170003.	
Temperature- Year Round	Category 5	517 exceedences of 7-DADM out of 1052 values	UmatNF-014
BioCriteria	Category 5	Record ID: 23298- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 35882 River Mile 0.05 FROM 7/16/2002 To 7/16/2002 1 out of 1 (100%) samples outside WCCP regional criteria.	
Dissolved Oxygen- Year Round	Category 4A	Record ID: 24404- 2010 Data: EPA addition to 303(d) list 12/14/2012: Ten exceedences of the cold water criteria out of 15 days of sampling collection between 2/99 and 8/02 at STORET station 14270001.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	<p>Record ID: 1436- Previous Data: USFS Data (Site above Stadler Creek): 7 day average of daily maximum of 71.1 and 73.9 exceeded temperature standard (64) in 1993 and 1994 respectively.</p>	
Temperature- Year Round	Category 5	<p>Record ID: 12664- 2004 Data: [BLM - Vale] LASAR 27781 River Mile 51.9: From 6/19/2000 to 9/23/2000, 83 days with 7-day-average maximum > 18 degrees Celsius.</p>	
Temperature- Spawning	Category 5	<p>Carried forward from previous listing</p>	
Temperature- Year Round	Category 5	<p>Record ID: 12665- 2004 Data: [DEQ] LASAR 25540 River Mile 74.9: From 7/29/2001 to 8/31/2001, 34 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 25544 River Mile 59.6: From 7/28/2001 to 10/27/2001, 52 days with 7-day-average maximum > 16 degrees Celsius</p>	
Flow Modification	Category 4C	<p>Record ID: 1559- Spring Chinook and Steelhead production is limited by rearing conditions and increasing flow has been identified as a need (Salmon and Steelhead Plan, 1990); IWR (59789) for fish is frequently not met during summer at gage 14044000.</p>	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12649- 2004 Data: [WSC John Day] LASAR 24480 River Mile 0.1: From 6/25/2000 to 10/9/2000, 88 days with 7-day-average maximum > 18 degrees Celsius. [DEQ] LASAR 28863 River Mile 12.4: From 6/7/2002 to 11/10/2002, 99 days with 7-day-average maximum > 18 degrees	
pH	Category 5	Record ID: 24402- 2010 Data: EPA addition to 303(d) list 12/14/2012: Four out of 8 samples (50%) collected at Storet station 14280001 from 2/15/00 to 5/13/02 were outside the applicable criteria.	
Temperature-Spawning	Category 5	21 exceedances of 7-DADM out of 21 values in spawning period	UmatNF-040
Temperature- Year Round	Category 5	513 exceedances of 7-DADM out of 838 values Record ID: 24413- 2010 Data: EPA addition to 303(d) list 12/14/2012: Six exceedances of the spawning criteria out of 7 days of sampling collection between 2/99 and 5/02 at STORET station 14260006 and 6	UmatNF-040
Dissolved Oxygen-Spawning	Category 4A	exceedances of the spawning criteria out of 7 days of sampling colle Record ID: 1716- Steelhead redds have shown declining trends over past few years, habitat factors (pool frequency and depth) did not meet	
Habitat Modification	Category 4C	PACFISH objectives (Wall Ecosystem Analysis, 1995).	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 1445- Previous Data: USFS Data (2 Sites: Below Red Hill and Below Alder Creek): 7 day average of daily maximum of 67.9/nd and 64/69.9 exceeded temperature standard (64) in 1993/1994 respectively.	
Habitat Modification	Category 4C	Record ID: 1555- Steelhead redds have shown declining trends over past few years, habitat factors (pool frequency and depth) did not meet PACFISH objectives (Wall Ecosystem Analysis, 1995). Record ID: 1732- Previous Data: Steelhead redds have shown declining trends over past few years, cobble embeddedness did not meet PACFISH objectives (Wall Ecosystem Analysis, 1995).; Record ID: 1735- Previous Data: Steelhead redds have shown declining trends over past few years, cobble embeddedness did not meet PACFISH objectives (Wall Ecosystem Analysis, 1995).	
Sedimentation	Category 5	11 out of 11 spawning period 7DADM values exceed criteria	UmatNF-070
Temperature-Spawning	Category 5		
Temperature- Year Round	Category 5	183 out of 441 7DADM values exceed criteria	UmatNF-070
Habitat Modification	Category 4C	Carried forward from previous listing	
Temperature-Spawning	Category 5	31 out of 31 spawning period 7DADM values exceed criteria	UmatNF-036
Temperature- Year Round	Category 5	770 out of 1274 7DADM values exceed criteria	UmatNF-035; UmatNF-036

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 4A	Record ID: 24409- 2010 Data: EPA addition to 303(d) list 12/14/2012: Seven exceedences of the spawning criteria out of 7 days of sampling collection between 2/99 and 5/02 at STORET station 14240011.	
Dissolved Oxygen-Year Round	Category 4A	Record ID: 24410- 2010 Data: EPA addition to 303(d) list 12/14/2012: Three exceedences of the cold water criteria out of 8 days of sampling collection between 5/99 and 8/02 at STORET station 14240011 and three exceedences of the cold water criteria out of 8 days of samp	
Habitat Modification	Category 4C	Record ID: 1556- Steelhead redds have shown declining trends over past few years, habitat factors (pool frequency and depth) did not meet PACFISH objectives (Wall Ecosystem Analysis, 1995).	
Sedimentation	Category 5	Record ID: 1799- Previous Data: Steelhead redds have shown declining trends over past few years, cobble embeddedness did not meet PACFISH objectives (Wall Ecosystem Analysis, 1995).	
Dissolved Oxygen-Spawning	Category 4A	Record ID: 24409- 2010 Data: EPA addition to 303(d) list 12/14/2012: Seven exceedences of the spawning criteria out of 7 days of sampling collection between 2/99 and 5/02 at STORET station 14240011.	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen- Year Round	Category 4A	Record ID: 24410- 2010 Data: EPA addition to 303(d) list 12/14/2012: Three exceedences of the cold water criteria out of 8 days of sampling collection between 5/99 and 8/02 at STORET station 14240011 and three exceedences of the cold water criteria out of 8 days of samp	
Habitat Modification Temperature- Year Round	Category 4C	Record ID: 1556- Steelhead redds have shown declining trends over past few years, habitat factors (pool frequency and depth) did not meet PACFISH objectives (Wall Ecosystem Analysis, 1995).	
	Category 5	142 exceedances of 7-DADM out of 388 values	UmatNF-068
Dissolved Oxygen- Spawning	Category 4A	Record ID: 24409- 2010 Data: EPA addition to 303(d) list 12/14/2012: Seven exceedences of the spawning criteria out of 7 days of sampling collection between 2/99 and 5/02 at STORET station 14240011.	
Dissolved Oxygen- Year Round	Category 4A	Record ID: 24410- 2010 Data: EPA addition to 303(d) list 12/14/2012: Three exceedences of the cold water criteria out of 8 days of sampling collection between 5/99 and 8/02 at STORET station 14240011 and three exceedences of the cold water criteria out of 8 days of samp	
Habitat Modification	Category 4C	Record ID: 1556- Steelhead redds have shown declining trends over past few years, habitat factors (pool frequency and depth) did not meet PACFISH objectives (Wall Ecosystem Analysis, 1995).	

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation	Category 5	Record ID: 1799- Previous Data: Steelhead redds have shown declining trends over past few years, cobble embeddedness did not meet PACFISH objectives (Wall Ecosystem Analysis, 1995).	
Temperature- Year Round	Category 5	Record ID: 12653- 2004 Data: [DEQ] LASAR 24055 River Mile 14.2: From 7/3/2000 to 9/7/2000, 40 days with 7-day-average maximum > 18 degrees Celsius. [WSC John Day] LASAR 28462 River Mile 1.4: From 5/29/2000 to 8/27/2000, 90 days with 7-day-average maximum > 18 degrees C	
Habitat Modification	Category 4C	Record ID: 1558- Steelhead redds have shown declining trends over past few years, habitat factors (pool frequency and depth) did not meet PACFISH objectives (Wall Ecosystem Analysis, 1995).	
Temperature-Spawning	Category 5	7 exceedances of 7-DADM out of 87 values in spawning period	UmatNF-022
Temperature- Year Round	Category 5	212 exceedances of 7-DADM out of 1344 values	UmatNF-022
Habitat Modification	Category 4C	Record ID: 1557- Steelhead redds have shown declining trends over past few years, habitat factors (pool frequency and depth) did not meet PACFISH objectives (Wall Ecosystem Analysis, 1995).	

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation	Category 5	Record ID: 1734- Previous Data: Steelhead redds have shown declining trends over past few years, cobble embeddedness did not meet PACFISH objectives (Wall Ecosystem Analysis, 1995).	
Temperature-Spawning	Category 5	3 exceedances of 7-DADM out of 4 values in spawning period	UmatNF-064
Temperature- Year Round	Category 5	188 exceedances of 7-DADM out of 928 values	UmatNF-064
Dissolved Oxygen-Spawning	Category 4A	Record ID: 24413- 2010 Data: EPA addition to 303(d) list 12/14/2012: Six exceedences of the spawning criteria out of 7 days of sampling collection between 2/99 and 5/02 at STORET station 14260006 and 6 exceedences of the spawning criteria out of 7 days of sampling colle	
Habitat Modification	Category 4C	Record ID: 1716- Steelhead redds have shown declining trends over past few years, habitat factors (pool frequency and depth) did not meet PACFISH objectives (Wall Ecosystem Analysis, 1995).	
Temperature- Year Round	Category 5	140 exceedances of 7-DADM out of 247 values	UmatNF-062
BioCriteria	Category 5	Record ID: 1532- Previous Data: DEQ Data (2 Sites: 404319, 404318; RM 0.5, 1.3): Bioassessment Index score was 50% and 39% respectively of reference site based on data collected between September 1990 - May 1992 (DEQ, 1993).	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12654- 2004 Data: [WSC John Day] LASAR 28448 River Mile 0.8: From 6/4/2000 to 10/22/2000, 109 days with 7-day-average maximum > 18 degrees Celsius.	
BioCriteria	Category 5	Record ID: 23300- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 25419 River Mile 0 FROM 7/17/2001 To 7/17/2001 1 out of 1 (100%) samples outside WCCP regional criteria.	
Temperature- Year Round	Category 5	Record ID: 12662- 2004 Data: [WSC John Day] LASAR 28464 River Mile 0: From 7/2/2000 to 10/28/2000, 88 days with 7-day-average maximum > 18 degrees Celsius.; Record ID: 12664- 2004 Data: [BLM - Vale] LASAR 27781 River Mile 51.9: From 6/19/2000 to 9/23/2000, 83 days with 7-day-average maximum > 18 degrees Celsius. [DEQ] LASAR 28876 River Mile 50.5: From 6/9/2002 to 11/10/2002, 42 days with 7-day-average maximum > 18 degrees	
Temperature- Year Round	Category 5	Record ID: 12662- 2004 Data: [WSC John Day] LASAR 28464 River Mile 0: From 7/2/2000 to 10/28/2000, 88 days with 7-day-average maximum > 18 degrees Celsius.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round Temperature- Year Round	Category 5 Category 5	Record ID: 12613- 2004 Data: [DEQ] LASAR 25252 River Mile 1.5: From 4/28/2001 to 10/26/2001, 77 days with 7-day-average maximum > 12 degrees Celsius.; Record ID: 12651- 2004 Data: [DEQ] LASAR 25256 River Mile 67.4: From 4/28/2001 to 10/26/2001, 128 days with 7-day-average maximum > 12 degrees Celsius.	MNF-102; MNF-103; MNF-104
Flow Modification	Category 4C	Record ID: 1559- Spring Chinook and Steelhead production is limited by rearing conditions and increasing flow has been identified as a need (Salmon and Steelhead Plan, 1990); IWR (59789) for fish is frequently not met during summer at gage 14044000.	
Temperature- Year Round	Category 5	Record ID: 12613- 2004 Data: [DEQ] LASAR 25252 River Mile 1.5: From 4/28/2001 to 10/26/2001, 77 days with 7-day-average maximum > 12 degrees Celsius.; Record ID: 12650- 2004 Data: [DEQ] LASAR 25251 River Mile 42.9: From 8/4/2000 to 8/31/2000, 28 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 28869 River Mile 53.5: From 6/16/2002 to 8/31/2002, 73 days with 7-day-average maximum > 16 degrees Celsius.	

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Record ID: 23632- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 35858 River Mile 0.44 FROM 7/10/2001 To 7/10/2001 1 out of 1 (100%) samples outside WCCP regional criteria.	
Temperature- Year Round	Category 5	Record ID: 12605- 2004 Data: [DEQ] LASAR 25254 River Mile 0.1: From 4/28/2001 to 10/26/2001, 90 days with 7-day-average maximum > 12 degrees Celsius.	
Temperature- Spawning	Category 5	6 exceedances of 7-DADM out of 6 values in spawning period	MNF-042
Temperature- Year Round	Category 5	117 exceedances of 7-DADM out of 172 values	MNF-042; MNF-131
Temperature- Spawning	Category 5	6 out of 6 spawning period 7DADM values exceed criteria	MNF-016
Temperature- Year Round	Category 5	241 out of 281 7DADM values exceed criteria	MNF-016; MNF-017; MNF-101
Flow Modification	Category 4C	Record ID: 1559- Spring Chinook and Steelhead production is limited by rearing conditions and increasing flow has been identified as a need (Salmon and Steelhead Plan, 1990); IWR (59789) for fish is frequently not met during summer at gage 14044000.	
Temperature- Spawning	Category 5	54 out of 360 spawning period 7DADM values exceed criteria	14043840
Temperature- Year Round	Category 5	95 out of 438 7DADM values exceed criteria	14043840

Assessment	IR_category	Rationale	Monitoring_locations
Flow Modification	Category 4C	Record ID: 1559- Spring Chinook and Steelhead production is limited by rearing conditions and increasing flow has been identified as a need (Salmon and Steelhead Plan, 1990); IWR (59789) for fish is frequently not met during summer at gage 14044000.	
Temperature-Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	202 out of 268 7DADM values exceed criteria	MNF-144; MNF-145; MNF-146
BioCriteria	Category 5	Record ID: 23936- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 35808 River Mile 0.26 FROM 7/7/2000 To 7/7/2000 1 out of 1 (100%) samples outside WCCP regional criteria.	
Temperature- Year Round	Category 5	560 exceedances of 7-DADM out of 828 values	MNF-004; MNF-094; MNF-095; MNF-096; MNF-097; MNF-098; MNF-113
Sedimentation	Category 5	Record ID: 24399- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 24444 (WORP99-0620) 1 out of 1 (100%) samples outside the Blue Mountains Ecoregion criteria, data collected in 2000.	
Sedimentation	Category 5	Record ID: 24399- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 24444 (WORP99-0620) 1 out of 1 (100%) samples outside the Blue Mountains Ecoregion criteria, data collected in 2000.	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen- Year Round	Category 4A	Record ID: 24429- 2010 Data: EPA addition to 303(d) list 12/14/2012: Three exceedences of the cool water criteria out of 8 days of sampling collection between 5/99 and 8/02 at STORET station 14210003.	
Dissolved Oxygen- Year Round	Category 4A	Record ID: 24429- 2010 Data: EPA addition to 303(d) list 12/14/2012: Three exceedences of the cool water criteria out of 8 days of sampling collection between 5/99 and 8/02 at STORET station 14210003.	
Iron (total)- Aquatic Life Criteria	Category 5	3 of 13 samples > 1000 µg/L	
Sedimentation	Category 5	Record ID: 24445- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 25416 (WORP99-0768) 1 out of 1 (100%) samples outside the Blue Mountains Ecoregion criteria, data collected in 2003.	
Sedimentation	Category 5	Record ID: 24445- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 25416 (WORP99-0768) 1 out of 1 (100%) samples outside the Blue Mountains Ecoregion criteria, data collected in 2003.	
Temperature- Spawning	Category 5	191 out of 1076 spawning period 7DADM values exceed criteria	14046778
Temperature- Year Round	Category 5	946 out of 2785 7DADM values exceed criteria	14046778

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 1487- Previous Data: USFS Data (Site at Forest Boundary): 7 day average of daily maximums of >64 with max of 77/78/59/79 exceeding standard (64) in 91/92/93/94 respectively; BLM (At Road Crossing): 7 day aver of daily max of 89.1/82.5/88.8 exceeding standard	
BioCriteria	Category 5	Record ID: 23333- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 25416 River Mile 11.3 FROM 7/24/2001 To 7/14/2005 2 out of 4 (50%) samples outside WCCP regional criteria.	
Sedimentation	Category 5	Record ID: 24445- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 25416 (WORP99-0768) 1 out of 1 (100%) samples outside the Blue Mountains Ecoregion criteria, data collected in 2003.	
Temperature- Year Round	Category 5	Record ID: 1491- Previous Data: BLM Data (4 Sites: Lower Bridge; Meyers Canyon; Hwy 26; Nelson Cr): 7 day average of daily maximums of 88.5/nd/88.3; 84.1/75.4/83.0; nd/nd/79.0; nd/nd/72.8 respectively exceeded temperature standard (64) in 1992/93/1994. 1997 BLM study	
Sedimentation	Category 5	Record ID: 24445- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 25416 (WORP99-0768) 1 out of 1 (100%) samples outside the Blue Mountains Ecoregion criteria, data collected in 2003.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 1491- Previous Data: BLM Data (4 Sites: Lower Bridge; Meyers Canyon; Hwy 26; Nelson Cr): 7 day average of daily maximums of 88.5/nd/88.3; 84.1/75.4/83.0; nd/nd/79.0; nd/nd/72.8 respectively exceeded temperature standard (64) in 1992/93/1994. 1997 BLM study Record ID: 1534- 2010 Data: LASAR 25906 River Mile 1.1 FROM 7/11/2001 To 7/9/2002 1 out of 2 (50%) samples outside WCCP regional criteria. LASAR 25907 River Mile 2.1 FROM 7/11/2001 To 7/9/2002 2 out of 2 (100%) samples outside WCCP regional criteria.	
BioCriteria	Category 5	LASAR 25908 Rive	
Temperature- Spawning	Category 5	254 exceedances of 7-DADM out of 1347 values in spawning period	14046890
Temperature- Year Round	Category 5	193 exceedances of 7-DADM out of 3647 values	14046890
Temperature- Year Round	Category 5	Record ID: 12704- 2004 Data: [DEQ] LASAR 25906 River Mile 1.1: From 6/11/2001 to 8/18/2001, 69 days with 7-day-average maximum > 18 degrees Celsius. [DEQ] LASAR 25907 River Mile 2.1: From 6/11/2001 to 9/20/2001, 5 days with 7-day-average maximum > 18 degrees Celsius.	
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.32)	37719-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation	Category 5	Record ID: 24447- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 26930 (WORP99-0929) 1 out of 1 (100%) samples outside the Blue Mountains Ecoregion criteria, data collected in 2002.	
Temperature- Year Round	Category 5	Record ID: 1521- Previous Data: BLM Data (2 Sites: At mouth and Upper BLM Boundary): 7 day average of daily maximums of 77.5??F and 80.6??F 89.6 respectively exceeding temperature standard (64) in 1993.	
Temperature- Year Round	Category 5	Record ID: 12706- 2004 Data: [DEQ] LASAR 24438 River Mile 26: From 6/11/2000 to 9/21/2000, 67 days with 7-day-average maximum > 18 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 12699- 2004 Data: [WSC John Day] LASAR 28450 River Mile 3.6: From 8/1/2000 to 10/16/2000, 45 days with 7-day-average maximum > 18 degrees Celsius.	
Iron (total)- Aquatic Life Criteria	Category 5	3 of 13 samples > 1000 µg/L	
Sedimentation	Category 5	Record ID: 24446- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 25397 (WORP99-0685) 1 out of 1 (100%) samples outside the Blue Mountains Ecoregion criteria, data collected in 2001.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12701- 2004 Data: [WSC John Day] LASAR 28460 River Mile 1.8: From 6/5/2000 to 10/15/2000, 108 days with 7- day-average maximum > 18 degrees Celsius. [WSC John Day] LASAR 28459 River Mile 25.7: From 6/20/2000 to 10/15/2000, 78 days with 7-day-average maximum >	
Sedimentation	Category 5	Record ID: 24431- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 25418 (WORP99-0775) 1 out of 1 (100%) samples outside the Blue Mountains Ecoregion criteria, data collected in 2001.	
Sedimentation	Category 5	Record ID: 24446- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 25397 (WORP99-0685) 1 out of 1 (100%) samples outside the Blue Mountains Ecoregion criteria, data collected in 2001.	
BioCriteria	Category 5	Record ID: 23648- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 25397 River Mile 72.4 FROM 7/23/2001 To 7/23/2001 1 out of 1 (100%) samples outside WCCP regional criteria.	
Sedimentation	Category 5	Record ID: 24446- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 25397 (WORP99-0685) 1 out of 1 (100%) samples outside the Blue Mountains Ecoregion criteria, data collected in 2001.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12701- 2004 Data: [WSC John Day] LASAR 28460 River Mile 1.8: From 6/5/2000 to 10/15/2000, 108 days with 7-day-average maximum > 18 degrees Celsius. [WSC John Day] LASAR 28459 River Mile 25.7: From 6/20/2000 to 10/15/2000, 78 days with 7-day-average maximum >	
Temperature- Year Round	Category 5	Record ID: 1501- Previous Data: BLM Data (2 Sites: Near Road Crossing and Upper BLM Boundary): 7 day average of daily maximum of 75.2/73.4??F respectively exceed temperature standard (64) in 1994. 1997 BLM study also available.	
Temperature- Year Round	Category 5	Record ID: 1501- Previous Data: BLM Data (2 Sites: Near Road Crossing and Upper BLM Boundary): 7 day average of daily maximum of 75.2/73.4??F respectively exceed temperature standard (64) in 1994. 1997 BLM study also available.	
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.44)	11826-ORDEQ
Dissolved Oxygen- Spawning	Category 5	17 of 31 samples < 11 mg/L and DO Sat < 95%	10686-ORDEQ; 37776-ORDEQ
Flow Modification	Category 4C	Record ID: 578- Low flows significantly affect the Brown Trout spawning habitat in the river (only 24% is useable) and high flows limit the suitability for trout (Upper Deschutes River Instream Flow Assessment, 1994).	

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 296- Lack of large woody debris in the channel limits the cover and protection from the velocity of high flows for trout (Upper Deschutes River Instream Flow Assessment, 1994).; Record ID: 577- Lack of large woody debris in the channel limits the cover and protection from the velocity of high flows for trout (Upper Deschutes River Instream Flow Assessment, 1994).	
Sedimentation Temperature- Year Round	Category 5	Record ID: 440- Previous Data: Spawning gravels contain a high percent of fines that limit embryo survival rates for trout (Upper Deschutes River Instream Flow Assessment, 1994).	
	Category 5	185 out of 264 7DADM values exceed criteria	DNF_049
Turbidity	Category 5	Record ID: 521- Previous Data: Turbidity is increased as much as 30 fold when irrigation water is released in early spring and remains to twice background until late July (USFS, 1995).	
Flow Modification	Category 4C	Record ID: 584 Record ID: 577- Lack of large woody debris in the channel limits the cover and protection from the velocity of high flows for trout (Upper Deschutes River Instream Flow Assessment, 1994).	
Habitat Modification	Category 4C	Record ID: 440- Previous Data: Spawning gravels contain a high percent of fines that limit embryo survival rates for trout (Upper Deschutes River Instream Flow Assessment, 1994).	
Sedimentation	Category 5	Record ID: 440- Previous Data: Spawning gravels contain a high percent of fines that limit embryo survival rates for trout (Upper Deschutes River Instream Flow Assessment, 1994).	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	133 out of 3411 7DADM values exceed criteria	10684-ORDEQ; DNF_018; DNF_025; DNF_026; DNF_027; DNF_028; DNF_029; DNF_030
Turbidity	Category 5	Record ID: 521- Previous Data: Turbidity is increased as much as 30 fold when irrigation water is released in early spring and remains to twice background until late July (USFS, 1995).	
Flow Modification	Category 4C	Record ID: 300- Summer Steelhead used stream historically, stream is over-appropriated and this reach goes dry each year from May to October (ODFW, 1993).	
Temperature- Year Round	Category 5	775 out of 5518 7-DADM values > 18.0 Celsius	24303-ORDEQ; 28996-ORDEQ; 35391-ORDEQ; 36043-ORDEQ; 39473-ORDEQ; 39474-ORDEQ; 40424-ORDEQ; 40425-ORDEQ; DNF_074; DNF_075; DNF_076; DNF_077; DNF_078; DNF_079; DNF_080
Flow Modification	Category 4C	Record ID: 321- Rainbow and Brown Trout populations are reduced, IWR (70695) is not met at USGS gage (14070500) due to irrigation diversions at Bend (ODFW, 1993).	
pH	Category 5	17 of 95 results out of pH range (16 of 17 exceedances > max pH value)	10508-ORDEQ; 10509-ORDEQ; 10510-ORDEQ; 12561-ORDEQ; 12562-ORDEQ; 25838-ORDEQ; 35893-ORDEQ; 35894-ORDEQ; 35896-ORDEQ; 38039-ORDEQ
Temperature- Year Round	Category 5	1103 out of 3386 7-DADM values > 18.0 Celsius	10508-ORDEQ; 26657-ORDEQ; 26658-ORDEQ; 39475-ORDEQ; 40423-ORDEQ; DNF_020; DNF_021; DNF_022; DNF_023; DNF_024

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation	Category 5	Record ID: 24478- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 26967 (WORP99-0891) 1 out of 1 (100%) samples outside the 1 out of 1 (100%) samples outside the East Cascades Ecoregion criteria, data collected in criteria, data collected in 2003.	
Temperature- Year Round	Category 5	12 of 3631 7-DADM values > 12.0 Celsius	14091500
Temperature- Year Round	Category 5	119 out of 169 7-DADM values > 18.0 Celsius	12565-ORDEQ
Dissolved Oxygen-Spawning	Category 5	Record ID: 11556- Previous Data: [DEQ/ODA - Salem] LASAR 10696 River Mile 4.1: From 1/9/1996 to 3/19/2003, 13 out of 22 samples (59%) < 11 mg/l and applicable % saturation. [DEQ/ODA - Salem] LASAR 10697 River Mile 25.7: From 1/23/1996 to 5/1/2002, 3 out of 4 samples (75	10698-ORDEQ; 37749-ORDEQ
Temperature- Year Round	Category 5	4 out of 4 7-DADM values > 18.0 Celsius	10698-ORDEQ
Dissolved Oxygen-Spawning	Category 5	37 of 50 samples < 11 mg/L and DO Sat < 95%	10696-ORDEQ; 10697-ORDEQ; 12567-ORDEQ; 26660-ORDEQ; 31837-ORDEQ; 37750-ORDEQ; 37751-ORDEQ; 37752-ORDEQ; 37753-ORDEQ; 37759-ORDEQ; 37760-ORDEQ; 38040-ORDEQ; 38041-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen- Year Round	Category 5	28 out of 133 samples < criteria; 16 required to list	10696-ORDEQ; 10697-ORDEQ; 12567-ORDEQ; 25167-ORDEQ; 26660-ORDEQ; 31837-ORDEQ; 37750-ORDEQ; 37751-ORDEQ; 37752-ORDEQ; 37753-ORDEQ; 37754-ORDEQ; 37755-ORDEQ; 37756-ORDEQ; 37757-ORDEQ; 37758-ORDEQ; 37759-ORDEQ; 37760-ORDEQ; 38040-ORDEQ; 38041-ORDEQ
Temperature- Year Round	Category 5	156 out of 254 7DADM values exceed criteria Record ID: 23966- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 32622 River Mile 2.34 FROM 9/21/2005 To 9/21/2005 1 out of 1 (100%) samples outside WCCP regional criteria.	37752-ORDEQ; 37760-ORDEQ
BioCriteria	Category 5	Record ID: 24440- 2010 Data: EPA addition to 303(d) list 12/14/2012: Three exceedences of the cool water criteria out of 5 days of sampling collection between 7/10 and 10/10 at STORET station CRO140.	
Dissolved Oxygen- Year Round	Category 5	Record ID: 9061- Previous Data: LASAR 13237 RM 10.0: In 1998, 73 days with 7 DMA > 17.8 C.; Record ID: 12676- Previous Data: [NF - Ochoco] LASAR 31144 River Mile 4.9: From 6/20/2002 to 9/29/2002, 57 days with 7-day- average maximum > 18 degrees Celsius.	
Temperature- Year Round	Category 5		
Dissolved Oxygen- Spawning	Category 5	8 of 11 samples < 11 mg/L and DO Sat < 95%	CRO139; CRO140

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	55 out of 106 7-DADM values > 18.0 Celsius	40297-ORDEQ
Dissolved Oxygen-Spawning	Category 5	4 of 6 samples < 11 mg/L and DO Sat < 95%	CRO141
Dissolved Oxygen-Year Round	Category 5	9 out of 24 samples < criteria; 5 required to list	CRO141
pH	Category 5	5 of 24 results out of pH range (5 of 5 exceedances > max pH value)	CRO141
Phosphorus-Aquatic Life Criteria	Category 5	Record ID: 23322- Storet Data	
Temperature- Year Round	Category 5	110 out of 134 7DADM values exceed criteria	32504-ORDEQ
Dissolved Oxygen-Spawning	Category 5	3 of 6 samples < 11 mg/L and DO Sat < 95%	CRO142
Temperature- Year Round	Category 5	79 out of 106 7DADM values exceed criteria	32503-ORDEQ
Dissolved Oxygen-Year Round	Category 5	4 out of 16 samples < criteria; 4 required to list	CRO146
Temperature- Year Round	Category 5	100 out of 134 7DADM values exceed criteria	37524-ORDEQ
Dissolved Oxygen-Spawning	Category 5	2 of 6 samples < 11 mg/L and DO Sat < 95%	CRO166

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen- Year Round	Category 5	6 out of 23 samples < criteria; 5 required to list	CRO166
Temperature- Year Round	Category 5	71 out of 126 7DADM values exceed criteria	32502-ORDEQ
Flow Modification	Category 4C	Record ID: 556- Redband Trout populations are fragmented and depressed in part due to low flows caused by stream diversions (ODFW, 1993), IWR (70356) not met as measured at USGS gage (14078500).	
Habitat Modification	Category 4C	Carried forward from previous listing	
pH	Category 5	Carried forward from previous listing	32782-ORDEQ
Temperature- Year Round	Category 5	249 out of 546 7DADM values exceed criteria	ONF-054; ONF-055
Habitat Modification	Category 4C	Record ID: 304- Redband Trout populations are depressed and fragmented due to habitat degradation (ODFW, 1993); Habitat factors such as limited LWD, low pool frequency and high width/depth ratio are below desired condition (N FK Crooked R Watershed An, USFS, 1995). Record ID: 174- Previous Data: USFS Data (Site at National Forest Boundary): 7 day average of daily maximums of 69.3/69.6 with 44/31 days (based on running average) exceeding standard (64) in 1994/1995 respectively. Data also available for 1991 and 1992 (USFS, 1991,	
Temperature- Year Round	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 312- Redband Trout populations are depressed and fragmented due to habitat degradation (ODFW, 1993); Habitat factors such as limited LWD, low pool frequency and high width/depth ratio are below desired condition (N FK Crooked R Watershed An, USFS, 1995).	
Temperature- Year Round	Category 5	737 out of 3941 7DADM values exceed criteria	ONF-013; ONF-014; ONF-015; ONF-016
Flow Modification	Category 4C	Record ID: 556- Redband Trout populations are fragmented and depressed in part due to low flows caused by stream diversions (ODFW, 1993), IWR (70356) not met as measured at USGS gage (14078500).	
Temperature- Year Round	Category 5	384 out of 1347 7DADM values exceed criteria	ONF-052; ONF-053
BioCriteria	Category 5	Record ID: 23873- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 32616 River Mile 23.24 FROM 9/19/2005 To 9/19/2005 1 out of 1 (100%) samples outside WCCP regional criteria. LASAR 32602 River Mile 46.52 FROM 9/19/2005 To 9/19/2005 1 out of 1 (100%) samples o	
Flow Modification	Category 4C	Record ID: 323- Redband Trout populations are fragmented and depressed in part due to low flows caused by stream diversions (ODFW, 1993), IWR (70353) not met as measured at USGS gage (14079500).	
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 60023- Storet, DEQ Data	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	165 out of 252 7DADM values exceed criteria	32523-ORDEQ; 37525-ORDEQ
E. coli	Category 5	Record ID: 173	CRO171
pH	Category 5	3 of 11 results out of pH range (3 of 3 exceedances > max pH value)	CRO171
Temperature- Year Round	Category 5	Record ID: 173- Previous Data: USFS Data (3 Sites: Data shown for site at National Forest boundary): 7 day average of daily maximum of 78.7 with 80 days (based on running average) exceeding standard (64) in 1995. Data also available for 1991 - 1993 (USFS, 1991 - 1993	
Temperature- Year Round	Category 5	Record ID: 173- Previous Data: USFS Data (3 Sites: Data shown for site at National Forest boundary): 7 day average of daily maximum of 78.7 with 80 days (based on running average) exceeding standard (64) in 1995. Data also available for 1991 - 1993 (USFS, 1991 - 1993	
BioCriteria	Category 5	Record ID: 23342- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 32613 River Mile 8.35 FROM 9/22/2005 To 9/22/2005 1 out of 1 (100%) samples outside WCCP regional criteria. LASAR 32604 River Mile 16.3 FROM 9/22/2005 To 9/22/2005 1 out of 1 (100%) samples out	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 149- Previous Data: LASAR 12875 RM 12.3: In 1997, 54 days with 7 DMA > 17.8 C. LASAR 13234 RM 12.9: In 1998, 60 days with 7 DMA > 17.8 C.	
Temperature- Year Round	Category 5	Record ID: 9049- Previous Data: LASAR 12876 RM 2.3: In 1997, 52 days with 7 DMA > 17.8 C.	
Flow Modification	Category 4C	Record ID: 323- Redband Trout populations are fragmented and depressed in part due to low flows caused by stream diversions (ODFW, 1993), IWR (70353) not met as measured at USGS gage (14079500).	
Temperature- Year Round	Category 5	Record ID: 161- Previous Data: DEQ Data (Site 404156; RM 105): 68% (15 of 22) Summer values exceeded standard (64) with a maximum value of 26.5 between WY 86 - 95. Record ID: 23873- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 32616 River Mile 23.24 FROM 9/19/2005 To 9/19/2005 1 out of 1 (100%) samples outside WCCP regional criteria. LASAR 32602 River Mile 46.52 FROM 9/19/2005 To 9/19/2005 1 out of 1 (100%) samples o	
BioCriteria	Category 5		
Iron (total)- Aquatic Life Criteria	Category 5	2 of 7 results > 1 mg/L	
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 60025- Storet, DEQ Data	

Assessment	IR_category	Rationale	Monitoring_locations
Total Dissolved gas	Category 5	Record ID: 516- Previous Data: ODFW Data: Rainbow Trout captured below Bowman Dam after high flows were discharged from the dam in 4/89 showed signs of "gas bubble disease" and elevated saturation levels (108 - 109%) were measured with a saturometer.	
Temperature- Year Round	Category 5	Record ID: 214- Previous Data: USFS Data (Site below McAllister Creek): 7 day average of daily maximums of 68.5/66.5 with 38/24 days (based on running average) exceeding standard (64) in 1994/1995 respectively.; Record ID: 12710- Previous Data: [NF - Ochoco] LASAR 31128 River Mile 8.3: From 6/24/2002 to 9/28/2002, 56 days with 7-day-average maximum > 18 degrees Celsius. [NF - Ochoco] LASAR 31129 River Mile 3.9: From 7/6/2002 to 9/28/2002, 36 days with 7-day-average maximum > 18 Record ID: 24268- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33780 River Mile 11.01 FROM 8/16/2006 To 8/16/2006 1 out of 1 (100%) samples outside WCCP regional criteria. LASAR 33784 River Mile 15.57 FROM 8/17/2006 To 8/17/2006 1 out of 1 (100%) samples out	
BioCriteria Temperature- Year Round	Category 5	252 out of 1271 7DADM values exceed criteria	ONF-041; ONF-042
Dissolved Oxygen - Cold Water- Year Round	Category 5	10 out of 34 samples < criteria; 5 required to list	CRO155; CRO156

Assessment	IR_category	Rationale	Monitoring_locations
E. coli	Category 5	1 of 3 geomeans > 126	CRO155; CRO156
Temperature- Year Round	Category 5	125 out of 239 7-DADM values > 18.0 Celsius	37087-ORDEQ; 40296-ORDEQ
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 60024- Storet Data	
Temperature- Year Round	Category 5	165 out of 407 7DADM values exceed criteria Record ID: 214- Previous Data: USFS Data (Site below McAllister Creek): 7 day average of daily maximums of 68.5/66.5 with 38/24 days (based on running average) exceeding standard (64) in 1994/1995 respectively.	32404-ORDEQ; 32786-ORDEQ; 37527-ORDEQ
Temperature- Year Round	Category 5	Record ID: 12725- Previous Data: [NF - Ochoco] LASAR 31125 River Mile 12.7: From 6/4/2002 to 10/7/2002, 50 days with 7-day-average maximum > 18 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 12725- Previous Data: [NF - Ochoco] LASAR 31125 River Mile 12.7: From 6/4/2002 to 10/7/2002, 50 days with 7-day-average maximum > 18 degrees Celsius.	
Temperature- Year Round	Category 5	68 out of 119 7-DADM values > 18.0 Celsius	34180-ORDEQ
Dissolved Oxygen- Year Round	Category 5	Carried forward from previous listing	32471-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
E. coli	Category 5	1 of 1 sample > 406.	32471-ORDEQ
pH	Category 5	Record ID: 60071- DEQ Volunteer Data	32471-ORDEQ
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 60026- Storet Data Record ID: 23873- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 32616 River Mile 23.24 FROM 9/19/2005 To 9/19/2005 1 out of 1 (100%) samples outside WCCP regional criteria. LASAR 32602 River Mile 46.52 FROM 9/19/2005 To 9/19/2005 1 out of 1 (100%) samples o	
BioCriteria	Category 5	Record ID: 307- Summer Steelhead populations are depressed in part due to low summer flows due to diversion from Prineville to below Smith Rocks and low flows during non-irrigation season for reservoir refill (IWR-70354, USGS gage-14080500), (ODFW, 1993).	
Flow Modification	Category 4C		
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 60025- Storet, DEQ Data	
Temperature- Year Round	Category 5	229 out of 620 7-DADM values > 18.0 Celsius	32494-ORDEQ; 36262-ORDEQ; 37528-ORDEQ; 40294-ORDEQ; 40295-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Total Dissolved gas	Category 5	Record ID: 516- Previous Data: ODFW Data: Rainbow Trout captured below Bowman Dam after high flows were discharged from the dam in 4/89 showed signs of "gas bubble disease" and elevated saturation levels (108 - 109%) were measured with a saturometer. Record ID: 23873- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 32616 River Mile 23.24 FROM 9/19/2005 To 9/19/2005 1 out of 1 (100%) samples outside WCCP regional criteria. LASAR 32602 River Mile 46.52 FROM 9/19/2005 To 9/19/2005 1 out of 1 (100%) samples o	
BioCriteria	Category 5		
Flow Modification	Category 4C	Record ID: 307- Summer Steelhead populations are depressed in part due to low summer flows due to diversion from Prineville to below Smith Rocks and low flows during non-irrigation season for reservoir refill (IWR-70354, USGS gage-14080500), (ODFW, 1993). 17 of 67 results out of pH range (17 of 17 exceedances > max pH value)	
pH	Category 5		10517-ORDEQ; 32519-ORDEQ; 32520-ORDEQ
Phosphorus-Aquatic Life Criteria	Category 5	Record ID: 60025- Storet, DEQ Data	
Temperature- Year Round	Category 5	68 out of 46 7-DADM values > 18.0 Celsius	10517-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12724- Previous Data: [NF - Ochoco] LASAR 31190 River Mile 19.5: From 6/21/2002 to 9/28/2002, 0 days with 7-day-average maximum > 18 degrees Celsius. [NF - Ochoco] LASAR 31191 River Mile 20.7: From 7/15/2002 to 9/28/2002, 40 days with 7-day-average maximum >	
Dissolved Oxygen-Spawning	Category 5	11 of 38 samples < 11.0 mg/L and 95% saturation	DRA31617
pH	Category 5	19 of 61 results outside pH range (19 of 19 exceedances > max pH value)	10506-ORDEQ
Temperature-Spawning	Category 5	59 of 212 7-DADM values > 13.0 Celsius	DRA31617
Temperature- Year Round	Category 5	Record ID: 12739- Previous Data: [DEQ] LASAR 24442 River Mile 7.6: From 7/10/2000 to 9/9/2000, 62 days with 7-day-average maximum > 18 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 631- Previous Data: USFS site at Rd 42 in 1995, 7 day aver. max. temperature was 65.5??F, exceeded temperature standard of 64??F.	MHNF-023

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 248- Previous Data: USFS Data (Site at National Forest boundary): 7 day average of daily maximum of 73.4/79.3/67.1??F exceed temperature standard (64) in 1993/94/97. 1993 and 1994 were drought years, however, the stream also exceeded the temperature criteri; Record ID: 257- Previous Data: BLM Data (2 Sites): 7 day average of daily maximums of 71.2/nd/64.3 with 45/nd/3 days at National Forest Boundary and 74.8/70.8/75.2 with 100/58/72 days below Lower Falls exceeding standard (64) in 1992/1993/1994 respectively.	
Temperature- Year Round	Category 5	Record ID: 257- Previous Data: BLM Data (2 Sites): 7 day average of daily maximums of 71.2/nd/64.3 with 45/nd/3 days at National Forest Boundary and 74.8/70.8/75.2 with 100/58/72 days below Lower Falls exceeding standard (64) in 1992/1993/1994 respectively.	
Temperature- Year Round	Category 5	Record ID: 234- Previous Data: BLM Data (3 Sites): 7 day average of daily maximums of 79.8/78.7 with 75/128 days near Mouth; nd/81.9 with nd/151 days near Bronx Canyon; nd/78.8 with nd/119 days near Spears Canyon exceeding standard (64) in 1993/1994 respectively.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 234- Previous Data: BLM Data (3 Sites): 7 day average of daily maximums of 79.8/78.7 with 75/128 days near Mouth; nd/81.9 with nd/151 days near Bronx Canyon; nd/78.8 with nd/119 days near Spears Canyon exceeding standard (64) in 1993/1994 respectively.	
Methylmercury- Human Health Criteria	Category 5	Record ID: 110- DEQ Data	36030-ORDEQ; 37817-ORDEQ
Temperature- Spawning	Category 5	Carried forward from previous listing	
Methylmercury- Human Health Criteria	Category 5	Geomean > 0.04 mg/kg (0.09)	10411-ORDEQ
pH	Category 5	15 of 74 results outside pH range (15 of 15 exceedances > max pH value)	10411-ORDEQ
Temperature- Spawning	Category 5	190 of 1344 7-DADM values > 13.0 Celsius	14103000
Temperature- Year Round	Category 5	583 of 983 non-spawning 7-DADM values > 18.0 Celsius	14103000
Habitat Modification	Category 4C	Record ID: 311- Trout Creek Watershed is of extreme importance to the Deschutes River fishery and is presently estimated at 10% of historic salmonid levels. Degradation of instream habitat, including lack of LWD and pools, is a primary reason (USFS, 1995).	

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation	Category 5	Record ID: 509- Previous Data: Trout Creek Watershed is of extreme importance to the Deschutes River fishery and is presently estimated to sustain 10% of historic salmonid levels. Degradation of instream habitat, including high substrate embeddedness, is a primary rea	
Temperature- Year Round	Category 5	Record ID: 12744- Previous Data: [NF - Ochoco] LASAR 31175 River Mile 45.9: From 6/4/2002 to 9/28/2002, 9 days with 7-day-average maximum > 18 degrees Celsius.	
Sedimentation	Category 5	Record ID: 447- Previous Data: Trout Creek Watershed is of extreme importance to the Deschutes River fishery and is presently estimated to sustain 10% of historic salmonid levels. Degradation of instream habitat, including high substrate embeddedness, is a primary rea	
Temperature- Year Round	Category 5	Record ID: 218- Previous Data: USFS Data (2 Sites: Data shown for National Forest boundary): 7 day average of daily maximums of 68.4/72.1/66.1 with 14/59/20 days (based on 7 day running average) in 1993/1994/1995 respectively. Data also available in 1991 - 1992 Annua	
Habitat Modification	Category 4C	Record ID: 311- Trout Creek Watershed is of extreme importance to the Deschutes River fishery and is presently estimated at 10% of historic salmonid levels. Degradation of instream habitat, including lack of LWD and pools, is a primary reason (USFS, 1995).	

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation	Category 5	Record ID: 442- Previous Data: Trout Creek Watershed is of extreme importance to the Deschutes River fishery and is presently estimated to sustain 10% of historic salmonid levels. Degradation of instream habitat, including high substrate embeddedness, is a primary rea	
Temperature- Year Round	Category 5	Record ID: 12744- Previous Data: [NF - Ochoco] LASAR 31175 River Mile 45.9: From 6/4/2002 to 9/28/2002, 9 days with 7-day-average maximum > 18 degrees Celsius.	
BioCriteria Arsenic, Inorganic- Human Health Criteria	Category 5	Record ID: 23344- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33941 River Mile 1.49 FROM 9/25/2006 To 9/25/2006 1 out of 1 (100%) samples outside WCCP regional criteria. LASAR 33942 River Mile 2.52 FROM 9/25/2006 To 9/25/2006 0 out of 1 (0%) samples outsi	
	Category 5	Geomean of 11 samples > criteria	
BioCriteria	Category 5	Record ID: 24272- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33938 River Mile 1.09 FROM 9/26/2006 To 9/26/2006 1 out of 1 (100%) samples outside WCCP regional criteria. LASAR 33939 River Mile 3.45 FROM 9/26/2006 To 9/26/2006 1 out of 1 (100%) samples outsi	

Assessment	IR_category	Rationale	Monitoring_locations
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 80000	
Dieldrin- Human Health Criteria	Category 5	Geomean of 6 samples > criteria	
Habitat Modification	Category 4C	Record ID: 311- Trout Creek Watershed is of extreme importance to the Deschutes River fishery and is presently estimated at 10% of historic salmonid levels. Degradation of instream habitat, including lack of LWD and pools, is a primary reason (USFS, 1995).	
Phosphorus-Aquatic Life Criteria	Category 5	Record ID: 60028- DEQ Data Record ID: 509- Previous Data: Trout Creek Watershed is of extreme importance to the Deschutes River fishery and is presently estimated to sustain 10% of historic salmonid levels. Degradation of instream habitat, including high substrate embeddedness, is a primary rea	
Sedimentation	Category 5	Record ID: 12744- Previous Data: [NF - Ochoco] LASAR 31175 River Mile 45.9: From 6/4/2002 to 9/28/2002, 9 days with 7-day-average maximum > 18 degrees Celsius. Record ID: 12888- Previous Data: TMDL Approval: 4/15/2005 21 of 323 spawning 7DADM values exceed spawning criteria.	MHNF-025
Temperature- Year Round	Category 5		
Temperature- Year Round	Category 5		
Temperature-Spawning	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Temperature-Spawning	Category 5	52 of 560 spawning 7DADM values exceed spawning criteria	MHNF-024
Temperature- Year Round	Category 5	52 of 683 7DADM values exceed criteria	MHNF-024
Temperature-Spawning	Category 5	465 spawning period 7DADM values exceed spawning criteria	MHNF-080
Temperature- Year Round	Category 5	176 of 922 7DADM values exceed criteria	MHNF-080
Temperature-Spawning	Category 5	29 of 694 spawning period 7DADM values > spawning criteria; 24 of 25 exceedances occurred in August. 5 of 25 occurred in June (6/10 to 6/14/15)	MHNF-099
Temperature-Spawning	Category 5	270 of 2343 spawning 7DADM results exceed spawning criteria	MHNF-084; MHNF-085
Temperature-Spawning	Category 5	0 of 265 7-DADM values > spawning criteria - not full spawning period	MHNF-100
Temperature- Year Round	Category 5	0 of 326 7-DADM values > criteria - not a full critical period	MHNF-100
		Record ID: 23360- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 21821 River Mile 0.2 FROM 8/3/1999 To 8/3/1999 0 out of 1 (0%) samples outside WCCP regional criteria.	
BioCriteria	Category 5	LASAR 35738 River Mile 0.21 FROM 8/13/1998 To 8/13/1998 1 out of 1 (100%) samples outside	
Temperature-Spawning	Category 5	Carried forward from previous listing	
		Record ID: 23365- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 35739 River Mile 10.79 FROM 8/13/1998 To 8/13/1998 1 out of 1 (100%) samples outside WCCP regional criteria.	
BioCriteria	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Spawning	Category 5	272 of 1100 spawning period 7DADMs exceed spawning criteria. MHNF-077 - 227/592; MHNF-078 - 45/508	MHNF-077; MHNF-078
Temperature- Year Round	Category 5	178 of 1766 7DADM values exceed criteria. MHNF-077 - 117/1197; MHNF-078 - 61/569 Record ID: 9354- Previous Data: TMDL	MHNF-077; MHNF-078
E. coli Temperature- Year Round	Category 4A Category 5	Approved: 4/15/2005 17 of 93 7DAM values > criteria - All consecutive	MHNF-016
Methylmercury- Human Health Criteria	Category 5	Mean of two composite samples > 0.04 mg/kg (0.057)	NRSA0809-OR012; NRSA1314-ORR9-0902
Temperature- Spawning	Category 5	Carried forward from previous listing Record ID: 4528- Previous Data: TMDL Approved: 4/15/2005; Record ID: 12887- Previous Data: TMDL Approval: 4/15/2005;	
Temperature- Year Round	Category 5	Record ID: 12888- Previous Data: TMDL Approval: 4/15/2005 Record ID: 24280- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 23905 River Mile 5.9 FROM 8/29/2000 To 8/29/2000 1 out of 1 (100%) samples outside	
BioCriteria	Category 5	WCCP regional criteria.	
Temperature- Spawning	Category 5	383 out of 476 spawning period 7DADM values exceed criteria	MHNF-050
Temperature- Year Round	Category 5	982 out of 4562 7DADM values exceed criteria	14141500; MHNF-050
Temperature- Year Round	Category 5	48 of 3631 7DADM values exceed criteria	14139800
Temperature- Spawning	Category 5	756 of 2964 spawning period 7DADM values exceed spawning criteria	14140020

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	730 of 3574 7DADM values exceed criteria	14140020
Temperature- Year Round	Category 5	36 out of 3582 7DADM values exceed criteria Record ID: 23711- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 30365 River Mile 1.9 FROM 7/1/2003 To 7/1/2003 1 out of 1 (100%) samples outside MWCF regional criteria.	14138850
BioCriteria	Category 5		38538-ORDEQ
Chlordane- Human Health Criteria	Category 5	Geometric mean of 0.000513 above criteria of 0.000081	
DDD 4,4'- Human Health Criteria	Category 5	Geomean of 3 samples > criteria	
DDE 4,4'- Human Health Criteria	Category 5	Geomean of 3 samples > criteria	
DDT 4,4'- Aquatic Life Criteria	Category 5	3 of 3 samples < detection limit (0.024 µg/L); criteria = 0.001 µg/L	
DDT 4,4'- Human Health Criteria	Category 5	Geomean of 3 samples > criteria	

Assessment	IR_category	Rationale	Monitoring_locations
Dieldrin- Human Health Criteria	Category 5	Geomean of 3 samples > criteria	
Dissolved Oxygen- Spawning	Category 5	2 of 5 samples < 11 mg/L and 95% sat	34102-ORDEQ; 38538-ORDEQ; 39339-ORDEQ
Dissolved Oxygen- Year Round	Category 5	7 out of 34 samples < cold water criteria	34102-ORDEQ; 38538-ORDEQ; 39339-ORDEQ
E. coli	Category 4A	0 of 1 sample > 406 organisms per 100 mL	35605-ORDEQ
Heptachlor Epoxide- Human Health Criteria	Category 5	Geomean of 3 samples > criteria	
Temperature- Year Round	Category 5	Record ID: 12876- Previous Data: TMDL Approval: 4/15/2005	
Iron (total)- Aquatic Life Criteria	Category 5	2 of 13 samples > 1000 µg/L	
Temperature- Year Round	Category 5	Record ID: 4528- Previous Data: TMDL Approved: 4/15/2005; Record ID: 12887- Previous Data: TMDL Approval: 4/15/2005	
Temperature- Spawning	Category 5	Carried forward from previous listing	

Assessment	IR_category	Rationale	Monitoring_locations
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 52- Previous Data: Levels of DDE/DDT found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 36- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 38- Previous Data: Levels of Dioxins found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 37- Previous Data: Levels of PCBs found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR note	

Assessment	IR_category	Rationale	Monitoring_locations
Polycyclic Aromatic Hydrocarbons (PAHs)- Human Health Criteria	Category 5	Record ID: 9289 Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius. Record ID: 23- Previous Data: USEPA Approval Date: 11/18/2002	
Temperature- Year Round Total Dissolved gas	Category 5	Record ID: 52- Previous Data: Levels of DDE/DDT found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 36- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 38- Previous Data: Levels of Dioxins found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A		

Assessment	IR_category	Rationale	Monitoring_locations
Polychlorinated Biphenyls (PCBs)- Human Health Criteria Polycyclic Aromatic Hydrocarbons (PAHs)- Human Health Criteria	Category 5	Record ID: 37- Previous Data: Levels of PCBs found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR note	
Temperature- Year Round Total Dissolved gas	Category 5	Record ID: 9289 Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	
	Category 4A	Record ID: 23- Previous Data: USEPA Approval Date: 11/18/2002	
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 52- Previous Data: Levels of DDE/DDT found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	

Assessment	IR_category	Rationale	Monitoring_locations
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 36- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 38- Previous Data: Levels of Dioxins found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 37- Previous Data: Levels of PCBs found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR note	
Polycyclic Aromatic Hydrocarbons (PAHs)- Human Health Criteria	Category 5	Record ID: 9289	
Temperature- Year Round	Category 5	484 of 3197 7-DADM values > criteria	4.54E+14
Total Dissolved gas	Category 4A	Record ID: 23- Previous Data: USEPA Approval Date: 11/18/2002	

Assessment	IR_category	Rationale	Monitoring_locations
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 52- Previous Data: Levels of DDE/DDT found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 36- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 38- Previous Data: Levels of Dioxins found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	
Methylmercury- Human Health Criteria	Category 5	Record ID: 26018- 2012 Data: 9/23/2013 Fish consumption advisories issued jointly by OR Health Authority and WA Dept of Health due to PCBs and mercury in resident fish - "Do not eat" from Bonneville Dam to Ruckel Creek, "Limit fish consumption" up to McNary Dam. See www.	

Assessment	IR_category	Rationale	Monitoring_locations
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 37- Previous Data: Levels of PCBs found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR note	
Polycyclic Aromatic Hydrocarbons (PAHs)- Human Health Criteria	Category 5	Record ID: 9289	
Temperature- Year Round	Category 5	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	
Total Dissolved gas	Category 4A	Record ID: 23- Previous Data: USEPA Approval Date: 11/18/2002	
Arsenic, Inorganic- Human Health Criteria	Category 5	Record ID: 78- Previous Data: USGS date from 4 sites (Warrendale, Hayden Island, Columbia and Beaver): 14 of 16 samples exceeded Water Quality Standard for Arsenic, Table 20. Values where 1ug/l.	
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 33- Previous Data: Levels of DDE/DDT found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	

Assessment	IR_category	Rationale	Monitoring_locations
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 32- Previous Data: Levels of Dioxins found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n; Record ID: 34- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 35- Previous Data: Levels of PCBs found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR note	
Temperature- Year Round Total Dissolved gas	Category 5	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius. Record ID: 22- Previous Data: USEPA Approval Date: 11/18/2002	

Assessment	IR_category	Rationale	Monitoring_locations
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 52- Previous Data: Levels of DDE/DDT found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 36- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 38- Previous Data: Levels of Dioxins found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 37- Previous Data: Levels of PCBs found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR note	

Assessment	IR_category	Rationale	Monitoring_locations
Polycyclic Aromatic Hydrocarbons (PAHs)- Human Health Criteria	Category 5	Record ID: 9289 Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 23- Previous Data: USEPA Approval Date: 11/18/2002	
Total Dissolved gas	Category 4A	Record ID: 3000- Previous Data: TMDL Approved: 8/20/2003; Record ID: 17548- Previous Data: TMDL Approved: 8/20/2003	
Fecal Coliform	Category 4A		
Iron (total)- Aquatic Life Criteria	Category 5	2 of 9 samples > criteria	
Temperature- Spawning	Category 4A	Carried forward from previous listing	
Temperature- Year Round	Category 4A	38 excursions of critria	40312-ORDEQ; 40314-ORDEQ; 40315-ORDEQ
Dissolved Oxygen- Spawning	Category 5	Carried forward from previous listing	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen- Year Round	Category 5	Record ID: 21107- 2010 Data: EPA addition to 303(d) list 12/14/2012: Two exceedence of the cold water aquatic life criteria out of 5 days of sampling between 7/18/99 and 8/16/99 at LASAR station 22955, Beaver Slough upstream of Clatskanie Boat Club entrance. Previous; Record ID: 24596- 2010 Data: EPA addition to 303(d) list 12/14/2012: Three exceedences of the cold water aquatic life criteria out of 6 days of sampling between 7/18/99 and 8/16/99 at LASAR station 22952, Clatskanie River downstream of STP. Two exceedences of the cold	
Arsenic, Inorganic- Human Health Criteria	Category 5	Record ID: 77- Previous Data: USGS date from 4 sites (Warrendale, Hayden Island, Columbia and Beaver): 14 of 16 samples exceeded Water Quality Standard for Arsenic, Table 20. Values where 1ug/l.	

Assessment	IR_category	Rationale	Monitoring_locations
DDE 4,4'- Human Health Criteria	Category 5	<p>Record ID: 30- Previous Data: Levels of DDE/DDT found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n; Record ID: 33- Previous Data: Levels of DDE/DDT found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n</p>	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	<p>Record ID: 29- Previous Data: Levels of Dioxins found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n; Record ID: 31- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream</p>	
Dissolved Oxygen- Year Round	Category 5	<p>3 of 110 7-DADM values < criteria; 1 absolute min < criteria</p>	461518123285700

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform Methylmercury- Human Health Criteria	Category 5	Record ID: 20015- Previous Data: [ODHS] LASAR 24031 River Mile 32.4: From 9/20/2000 to 9/20/2000, 0 out of 1 samples (0%) > 43 organisms; median concentration of 0 [ODHS] LASAR 24022 River Mile 18.5: From 9/20/2000 to 9/20/2000, 0 out of 1 samples (0%) > 43 organisms; m	
	Category 5	Geomean > 0.04 mg/kg (0.10)	24030-ORDEQ
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 28- Previous Data: Levels of PCBs found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR note	
Temperature- Year Round	Category 5	32 of 110 7-DADM vales > criteria	4.62E+14
Total Dissolved gas	Category 4A	Record ID: 22- Previous Data: USEPA Approval Date: 11/18/2002	
Arsenic, Inorganic- Human Health Criteria	Category 5	Record ID: 78- Previous Data: USGS date from 4 sites (Warrendale, Hayden Island, Columbia and Beaver): 14 of 16 samples exceeded Water Quality Standard for Arsenic, Table 20. Values where 1ug/l.	

Assessment	IR_category	Rationale	Monitoring_locations
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 33- Previous Data: Levels of DDE/DDT found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 32- Previous Data: Levels of Dioxins found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n; Record ID: 34- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 35- Previous Data: Levels of PCBs found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR note	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round Total Dissolved gas	Category 4A Category 4A	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius. Record ID: 22- Previous Data: USEPA Approval Date: 11/18/2002	
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 33- Previous Data: Levels of DDE/DDT found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 32- Previous Data: Levels of Dioxins found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n; Record ID: 34- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	

Assessment	IR_category	Rationale	Monitoring_locations
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 35- Previous Data: Levels of PCBs found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR note	
Temperature- Year Round Total Dissolved gas	Category 4A	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	
Arsenic, Inorganic- Human Health Criteria	Category 4A	Record ID: 22- Previous Data: USEPA Approval Date: 11/18/2002	
Arsenic, Inorganic- Human Health Criteria	Category 5	Record ID: 78- Previous Data: USGS date from 4 sites (Warrendale, Hayden Island, Columbia and Beaver): 14 of 16 samples exceeded Water Quality Standard for Arsenic, Table 20. Values where 1ug/l.	
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 33- Previous Data: Levels of DDE/DDT found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	

Assessment	IR_category	Rationale	Monitoring_locations
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 32- Previous Data: Levels of Dioxins found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n; Record ID: 34- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 35- Previous Data: Levels of PCBs found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR note	
Temperature- Year Round Total Dissolved gas	Category 4A	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius. Record ID: 22- Previous Data: USEPA Approval Date: 11/18/2002	

Assessment	IR_category	Rationale	Monitoring_locations
Arsenic, Inorganic- Human Health Criteria	Category 5	Record ID: 78- Previous Data: USGS date from 4 sites (Warrendale, Hayden Island, Columbia and Beaver): 14 of 16 samples exceeded Water Quality Standard for Arsenic, Table 20. Values where 1ug/l.; Record ID: 20001- Previous Data: [DEQ] LASAR 12981 River Mile 64.8: From 8/25/1997 to 8/25/1997, 0 out of 1 samples > applicable Table 20 criterion. [DEQ] LASAR 12979 River Mile 64.7: From 8/25/1997 to 8/25/1997, 0 out of 1 samples > applicable Table 20 criterion. [DEQ]	
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 33- Previous Data: Levels of DDE/DDT found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	

Assessment	IR_category	Rationale	Monitoring_locations
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 32- Previous Data: Levels of Dioxins found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n; Record ID: 34- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 35- Previous Data: Levels of PCBs found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR note	
Temperature- Year Round Total Dissolved gas	Category 4A	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	
Arsenic, Inorganic- Human Health Criteria	Category 5	Record ID: 22- Previous Data: USEPA Approval Date: 11/18/2002 Record ID: 78- Previous Data: USGS date from 4 sites (Warrendale, Hayden Island, Columbia and Beaver): 14 of 16 samples exceeded Water Quality Standard for Arsenic, Table 20. Values where 1ug/l.	

Assessment	IR_category	Rationale	Monitoring_locations
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 33- Previous Data: Levels of DDE/DDT found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 32- Previous Data: Levels of Dioxins found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n; Record ID: 34- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 35- Previous Data: Levels of PCBs found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR note	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round Total Dissolved gas	Category 4A Category 4A	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius. Record ID: 22- Previous Data: USEPA Approval Date: 11/18/2002	
Arsenic, Inorganic- Human Health Criteria	Category 5	Record ID: 78- Previous Data: USGS date from 4 sites (Warrendale, Hayden Island, Columbia and Beaver): 14 of 16 samples exceeded Water Quality Standard for Arsenic, Table 20. Values where 1ug/l.	
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 33- Previous Data: Levels of DDE/DDT found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	
Dioxin (2,3,7,8- TCDD)- Human Health Criteria	Category 4A	Record ID: 32- Previous Data: Levels of Dioxins found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n; Record ID: 34- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	

Assessment	IR_category	Rationale	Monitoring_locations
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 35- Previous Data: Levels of PCBs found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR note	
Temperature- Year Round Total Dissolved gas	Category 4A	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius.	
Arsenic, Inorganic- Human Health Criteria	Category 5	Record ID: 22- Previous Data: USEPA Approval Date: 11/18/2002 Record ID: 78- Previous Data: USGS date from 4 sites (Warrendale, Hayden Island, Columbia and Beaver): 14 of 16 samples exceeded Water Quality Standard for Arsenic, Table 20. Values where 1ug/l.	
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 33- Previous Data: Levels of DDE/DDT found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n	

Assessment	IR_category	Rationale	Monitoring_locations
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 32- Previous Data: Levels of Dioxins found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR n; Record ID: 34- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 35- Previous Data: Levels of PCBs found in some fish (carp, peamouth, sucker) exceed health criteria, OR/WA Health Depts. have issued recommendations regarding fish consumption for particular groups (WSDH/OHD,96); reduced bald eagle reproduction in LCR note	
Temperature- Year Round Total Dissolved gas	Category 4A	Record ID: 13288- Previous Data: [SECOR] LASAR 26752 River Mile 118.4: From 6/16/2001 to 10/23/2001, 67 days with 7-day-average maximum > 20 degrees Celsius. Record ID: 22- Previous Data: USEPA Approval Date: 11/18/2002	

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria Temperature- Spawning	Category 5 Category 4A	Record ID: 3302- 2010 Data: LASAR 31400 River Mile 1.5 FROM 8/16/2004 To 8/16/2004 1 out of 1 (100%) samples outside MWCF regional criteria. Previous Data: Streams are considered a Potential Concern with a Discriminate Score of 61 to 75 points. Discriminate scor	
Fecal Coliform	Category 4A	Record ID: 19199- Previous Data: [DEQ] LASAR 13552 River Mile 1.1: From 7/11/2001 to 7/11/2001, 0 out of 1 samples (0%) > 43 organisms; median concentration of 0 [DEQ/ODA - Salem] LASAR 10817 River Mile 8.5: From 6/22/1994 to 5/9/2002, 31 out of 42 samples (74%) > 43 or	
Dissolved Oxygen- Spawning	Category 5	Record ID: 24664- 2010 Data: EPA addition to 303(d) list 12/14/2012: Eleven exceedences of the spawning criteria out of 43 days of sampling between 1/28/99 and 1/6/11 at LASAR station 11904, Klaskanine River at Youngs River Loop Road.	
Dissolved Oxygen - Cold Water- Year Round	Category 5	13 out of 63 samples < cold water criteria	11904-ORDEQ; 13553-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen - Cool Water- Year Round	Category 5	Record ID: 24665- 2010 Data: EPA addition to 303(d) list 12/14/2012: Four exceedences of the cold water aquatic life criteria out of 22 days of sampling between 5/25/99 and 7/21/10 at LASAR station, 11904, Klaskanine River at Youngs River Loop Road.; Record ID: 24666- 2010 Data: EPA addition to 303(d) list 12/14/2012: Four exceedences of the estuarine criterion out of 10 days of sampling between 9/13/00 and 9/9/10 at LASAR station 11904, Klaskanine River at Youngs River Loop Road.	11904-ORDEQ; 13553-ORDEQ
Fecal Coliform Temperature- Year Round	Category 4A Category 4A	Record ID: 18914- Previous Data: [DEQ/ODA - Salem] LASAR 11904 River Mile 1.6: From 6/22/1994 to 5/9/2002, 25 out of 40 samples (62%) > 43 organisms; median concentration of 97 [DEQ] LASAR 25580 River Mile 1: From 7/11/2001 to 7/11/2001, 1 out of 1 samples (100%) > 43 o Record ID: 9336- Previous Data: TMDL Approved: 8/20/2003	
Dissolved Oxygen- Spawning	Category 5	Record ID: 21055- Previous Data: [DEQ/ODA - Salem] LASAR 10812 River Mile 1.7: From 12/7/1994 to 11/5/2003, 26 out of 26 samples (100%) < 11 mg/l and applicable % saturation.	
Dissolved Oxygen- Year Round	Category 5	28 out of 64 samples < cold water criteria	10812-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 4A	Record ID: 24692- 2010 Data: EPA addition to 303(d) list 12/14/2012: Seven exceedences out of 9 days of sampling at LASAR station 10812, Skipanon River at Hwy 101, between 5/24/00 and 4/6/02.	
Iron (total)- Aquatic Life Criteria	Category 5	5 of 7 samples > criteria	
Fecal Coliform	Category 4A	Record ID: 19199- Previous Data: [DEQ] LASAR 13552 River Mile 1.1: From 7/11/2001 to 7/11/2001, 0 out of 1 samples (0%) > 43 organisms; median concentration of 0 [DEQ/ODA - Salem] LASAR 10817 River Mile 8.5: From 6/22/1994 to 5/9/2002, 31 out of 42 samples (74%) > 43 or	
Temperature- Year Round	Category 5	234 of 448 7-DADM values > criteria	WNF-069
Temperature- Spawning	Category 5	307 of 2062 7-DADM values > spawning criteria	14144900; WNF-049
Temperature- Year Round	Category 5	558 of 3216 7-DADM values > criteria	14144900; WNF-049
Dissolved Oxygen- Spawning	Category 5	4 of 6 samples < 11 mg/L and 95% sat	28010-ORDEQ
Sedimentation	Category 5	Record ID: 24499- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 31730 (ORSE04-R002) 1 out of 1 (100%) samples outside the Cascades Ecoregion criteria, data collected in 2004. Lasar Station 31730 (ORSE04-R002) 1 out of 1 (100%) samples outside the	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature-Spawning	Category 5	94 of 130 7-DADM values > spawning criteria	WNF-100
Temperature- Year Round	Category 5	192 of 415 7-DADM values > criteria	WNF-100
Dissolved Oxygen-Spawning	Category 5	5 of 6 samples < 11 mg/L and 95% sat	10908-ORDEQ
Temperature-Spawning	Category 5	100 of 138 spawning period 7DADM values exceed spawning criteria	WNF-099
Temperature- Year Round	Category 5	149 of 394 7-DADM values > criteria	WNF-099
Dissolved Oxygen-Spawning	Category 5	3 of 5 samples < 11 mg/L and 95% sat Record ID: 5877- Previous Data: USFS Data: maximum temperatures ranged from 68 to 76 with exceedances of temperature standard (64) observed from July through September in 1992 (USFS, 1995). In 1997 temperature was 72.6??F.	10668-ORDEQ
Temperature- Year Round	Category 5		
Temperature- Year Round	Category 5	1171 of 2699 7-DADM values > criteria	14144800; WNF-070
Dissolved Oxygen-Spawning	Category 5	5 of 5 samples < 11 mg/L and 95% sat	28608-ORDEQ
Dissolved Oxygen-Spawning	Category 5	5 of 12 samples < 11 mg/L and 95% sat	10913-ORDEQ; 37318-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Temperature-Spawning	Category 5	611 of 2342 7-DADM values > criteria	14147500; WNF-077; WNF-078; WNF-079
Temperature- Year Round	Category 5	1342 of 4019 7-DADM values > criteria	14147500; WNF-077; WNF-078; WNF-079
Temperature-Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	8 of 531 7DADM values exceed criteria. All consecutive dates	WNF-017
Temperature- Year Round	Category 5	Record ID: 12924- 2004 Data: [NF - Willamette] LASAR 28003 River Mile 0.1: From 6/10/2001 to 8/31/2001, 69 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 23921 River Mile 20.4: From 6/18/2000 to 8/24/2000, 13 days with 7-day-average maximum > 16 degr	
Temperature-Spawning	Category 5	342 of 2213 7-DADM values > spawning criteria	14148000
Temperature- Year Round	Category 5	432 of 3320 7-DADM values > criteria	14148000
Dissolved Oxygen-Spawning	Category 5	6 of 6 samples < 11 mg/L and 95% sat	25809-ORDEQ
Temperature-Spawning	Category 5	Carried forward from previous listing	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13000- 2004 Data: [WSC Lost] LASAR 26627 River Mile 0.1: From 6/22/2000 to 8/31/2000, 71 days with 7-day-average maximum > 16 degrees Celsius. [WSC Lost] LASAR 28278 River Mile 8.9: From 8/7/2000 to 8/31/2000, 6 days with 7-day-average maximum > 16 degrees C	
Chlorpyrifos- Aquatic Life Criteria	Category 5	Record ID: 25264- 2012 Data: [USGS] STATION 435212122483300 at RM 6.6 for 2 samples from 05/11/2004 to 09/02/2004, 0 of 2 valid samples exceed the 0.041 ug/L criteria	
Dissolved Oxygen- Spawning	Category 5	3 of 5 samples < 11 mg/L and 95% sat Record ID: 12088- 2012 Data: [DEQ] STATION 25807 at RM 0.9 from 07/22/2000 to 07/18/2001, 1 of 3 (33%) samples < 8.0 mg/l and < 90% saturation. [DEQ] STATION 25808 at RM 1.7 from 07/22/2000 to 08/31/2000, 2 of 2 (100%) samples < 8.0 mg/l and < 90% saturation.	25807-ORDEQ
Dissolved Oxygen- Year Round	Category 5	[DEQ] STA	25807-ORDEQ
Malathion- Aquatic Life Criteria	Category 5	Record ID: 25263- 2012 Data: [USGS] STATION 435212122483300 at RM 6.6 for 2 samples from 05/11/2004 to 09/02/2004, 0 of 2 valid samples exceed the 0.1 ug/L criteria	
Temperature- Spawning	Category 5	Carried forward from previous listing	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13000- 2004 Data: [WSC Lost] LASAR 26627 River Mile 0.1: From 6/22/2000 to 8/31/2000, 71 days with 7-day-average maximum > 16 degrees Celsius. [WSC Lost] LASAR 28278 River Mile 8.9: From 8/7/2000 to 8/31/2000, 6 days with 7-day-average maximum > 16 degrees C	
Dissolved Oxygen-Spawning	Category 5	4 of 5 samples < 11 mg/L and 95% sat	37312-ORDEQ
Temperature-Spawning	Category 5	705 of 2719 7-DADM values > criteria	14150000
Temperature- Year Round	Category 5	711 of 3639 7-DADM values > criteria	14150000
Temperature-Spawning	Category 5	20 of 43 spawning period 7DADM values exceed spawning criteria	WNF-060
Temperature- Year Round	Category 5	73 of 215 7-DADM values > criteria	WNF-060; WNF-061
Dissolved Oxygen-Spawning	Category 5	8 of 12 samples < 11 mg/L and 95% sat	10671-ORDEQ; 37308-ORDEQ
Temperature- Year Round	Category 5	136 of 473 7-DADM values > criteria	WNF-048
Temperature-Spawning	Category 5	415 of 2786 7-DADM values > spawning criteria	14151000
Temperature- Year Round	Category 5	337 of 3566 7-DADM values > criteria	14151000
Temperature-Spawning	Category 5	Carried forward from previous listing	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 7123- Previous Data: USFS Data site at mouth: 7 day average of daily maximum was 65.3??F in 1997. Exceeded temperature standard (64??F); Record ID: 13008- 2004 Data: [NF - Willamette] LASAR 27966 River Mile 31.2: From 6/15/2001 to 10/13/2001, 0 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Spawning	Category 5	[NF - Willamette] LASAR 27967 River Mile 29.6: From 6/16/2001 to 8/31/2001, 4 days with 7-day-average maxim 683 out of 2422 spawning period 7DADM values exceed criteria	14150290; WNF-037; WNF-040
Temperature- Year Round	Category 5	1360 out of 3518 7DADM values exceed criteria	14150290; WNF-037; WNF-040
Temperature- Year Round	Category 5	Record ID: 12950- 2004 Data: [DEQ] LASAR 21883 River Mile 0.6: From 6/11/1999 to 9/16/2000, 44 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5	394 of 533 7-DADM values > criteria	WNF-088
Temperature- Year Round	Category 5	Record ID: 12919- 2004 Data: [NF - Willamette] LASAR 27971 River Mile 0.1: From 6/15/2001 to 10/13/2001, 11 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Spawning	Category 5	[NF - Willamette] LASAR 27972 River Mile 0.1: From 6/15/2001 to 10/13/2001, 10 days with 7-day-average maxi 350 of 468 7-DADM values > spawning criteria	WNF-036; WNF-038; WNF-039

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	911 of 1317 7-DADM values > criteria	WNF-036; WNF-038; WNF-039
Temperature- Year Round	Category 5	Record ID: 12919- 2004 Data: [NF - Willamette] LASAR 27971 River Mile 0.1: From 6/15/2001 to 10/13/2001, 11 days with 7-day-average maximum > 16 degrees Celsius. [NF - Willamette] LASAR 27972 River Mile 0.1: From 6/15/2001 to 10/13/2001, 10 days with 7-day-average maxi	
Temperature- Year Round	Category 5	Record ID: 12936- 2004 Data: [NF - Willamette] LASAR 28012 River Mile 0.1: From 6/16/2001 to 10/14/2001, 36 days with 7-day-average maximum > 16 degrees Celsius.; Record ID: 12949- 2004 Data: [NF - Willamette] LASAR 28011 River Mile 0: From 6/16/2001 to 10/13/2001, 32 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature-Spawning	Category 5	423 out of 2590 spawning period 7DADM values exceed criteria	14150800
Temperature- Year Round	Category 5	733 out of 3292 7DADM values exceed criteria	14150800
Dissolved Oxygen-Spawning	Category 5	3 of 6 samples < 11 mg/L and 95% sat	37302-ORDEQ
E. coli	Category 4A	0 geometric means > 126 organisms per 100 mL; 9 of 24 samples > 406 organisms per 100 mL	37302-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13017- 2004 Data: [BLM - Eugene] LASAR 28093 River Mile 7.2: From 7/2/2000 to 8/4/2000, 10 days with 7-day-average maximum > 16 degrees Celsius.	
Dissolved Oxygen- Spawning	Category 5	62 of 196 7-DADM values < 11 mg/L and 95% sat; 64 samples < absolute minimum of 9.0 mg/L	14152000
Methylmercury- Human Health Criteria	Category 4A	Geomean > 0.04 mg/kg (0.289)	10386-ORDEQ; 11990-ORDEQ
Temperature- Spawning	Category 5	809 of 2844 7-DADM values > spawning criteria	14152000
Temperature- Year Round	Category 5	887 of 3617 7-DADM values > criteria	14152000
Dissolved Oxygen- Spawning	Category 5	7 of 10 samples < 11 mg/L and 95% sat	26746-ORDEQ; 37311-ORDEQ
Temperature- Spawning	Category 5	Carried forward from previous listing	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13046- 2004 Data: [SECOR] LASAR 26746 River Mile 0.5: From 8/3/2001 to 11/2/2001, 32 days with 7-day-average maximum > 18 degrees Celsius. [DEQ/BLM - Eugene] LASAR 28103 River Mile 0.4: From 9/3/2000 to 11/11/2002, 182 days with 7-day-average maximum > 18 de; Record ID: 13047- 2004 Data: [DEQ/BLM - Eugene] LASAR 28101 River Mile 12.1: From 6/18/2000 to 8/31/2002, 205 days with 7-day-average maximum > 16 degrees Celsius. [DEQ/BLM - Eugene] LASAR 28102 River Mile 20.5: From 6/20/2000 to 9/19/2002, 113 days with 7-day-average	
Temperature- Year Round	Category 5	1907 out of 2358 7DADM values exceed criteria	UmpNF-070; UmpNF-072; UmpNF-073
Temperature- Year Round	Category 5	88 of 761 7-DADM values > criteria	UmpNF-063
Temperature- Year Round	Category 5	653 out of 773 7DADM values exceed criteria	UmpNF-069
Temperature- Year Round	Category 5	383 of 1605 7-DADM values > criteria	UmpNF-054; UmpNF-056; UmpNF-057; UmpNF-058; UmpNF-059
Methylmercury- Human Health Criteria	Category 4A	Record ID: 6774- Previous Data: Elevated levels measured in fish tissue .37 ppm, Consumption Health Advisory issued 2/25/97.	
Temperature- Year Round	Category 5	450 out of 2774 7DADM values exceed criteria	14154500
Temperature- Year Round	Category 5	546 of 1381 7-DADM values > criteria	UmpNF-008; UmpNF-009; UmpNF-010; UmpNF-011

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	50 of 760 7-DADM values > criteria	UmpNF-071
Temperature- Year Round	Category 5	Record ID: 7286- Previous Data: USFS 1997 data shows exceedance of temperature criteria, 7 day aver. max. 64.7??F at mouth.; Record ID: 12998- 2004 Data: [DEQ] LASAR 25286 River Mile 13.6: From 6/29/2001 to 9/22/2001, 0 days with 7-day-average maximum > 18 degrees Celsius. [BLM - Eugene] LASAR 28106 River Mile 9.2: From 6/24/2000 to 9/25/2000, 30 days with 7-day-average maximum > 18 degrees	
BioCriteria	Category 5	Record ID: 23593- 2010 Data: LASAR 23924 River Mile 0.5 FROM 8/22/2000 To 8/22/2000 1 out of 1 (100%) samples outside WCCP regional criteria.	
BioCriteria	Category 5	Record ID: 23766- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33840 River Mile 2.63 FROM 8/15/2006 To 8/15/2006 1 out of 1 (100%) samples outside MWCF regional criteria.	
Temperature-Spawning	Category 5	13 of 1338 spawning period 7DADM values exceed spawning criteria	14155500
Temperature- Year Round	Category 5	272 of 3614 7-DADM values > criteria	14155500
Turbidity	Category 5	No. of years with Turbidity > 5.0 NTU > 45 days = 10	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 5	8 of 8 samples < 11 mg/L and 95% sat	11288-ORDEQ; 37294-ORDEQ
E. coli	Category 4A	14 geometric means > 126 organisms per 100 mL; 22 of 74 samples > 406 organisms per 100 mL	11288-ORDEQ; 37294-ORDEQ
Dissolved Oxygen-Spawning	Category 5	5 of 8 samples < 11 mg/L and 95% sat	11276-ORDEQ; 11277-ORDEQ
E. coli	Category 4A	19 geometric means > 126 organisms per 100 mL; 14 of 51 samples > 406 organisms per 100 mL	11276-ORDEQ; 11277-ORDEQ
Excess Algal Growth	Category 5	Record ID: 6232	
Temperature- Year Round	Category 5	432 of 3606 7-DADM values > criteria	14153500
Dissolved Oxygen-Spawning	Category 5	Record ID: 20958- 2012 Data: [DEQ] STATION 28614 at RM 32.6 from 03/19/2003 to 03/19/2003, 0 of 1 (0%) samples < 11.0 mg/l and < 95% saturation Previous Data: TMDL Approved: 5/17/1996	
Dissolved Oxygen-Spawning	Category 5	9 of 11 samples < 11 mg/L and 95% sat	15785-ORDEQ; 37295-ORDEQ; 37296-ORDEQ
E. coli	Category 4A	4 geometric means > 126 organisms per 100 mL; 4 of 30 samples > 406 organisms per 100 mL	37295-ORDEQ; 37296-ORDEQ
Iron (total)- Aquatic Life Criteria	Category 5	2 of 2 samples > 1000 µg/L	
Dissolved Oxygen-Spawning	Category 5	13 of 56 samples below criteria	10379-ORDEQ; 11275-ORDEQ; FAMBCFW

Assessment	IR_category	Rationale	Monitoring_locations
Excess Algal Growth	Category 5	Record ID: 6232	
Methylmercury-Human Health Criteria	Category 4A	Geomean > 0.04 mg/kg (0.454)	10379-ORDEQ
Phosphorus-Aquatic Life Criteria	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	Record ID: 13052- 2004 Data: [DEQ/SECOR] LASAR 10380 River Mile 11.7: From 6/2/2001 to 9/27/2002, 195 days with 7-day-average maximum > 18 degrees Celsius. [DEQ/SECOR] LASAR 10381 River Mile 18.9: From 6/2/2001 to 9/27/2002, 158 days with 7-day-average maximum > 18 deg	
E. coli	Category 4A	Record ID: 17789- 2004 Data: [DEQ/DES] LASAR 11138 River Mile 1.5: From 2/9/2000 to 12/15/2002, 7 out of 25 samples (28%) > 406 organisms; maximum 30-day log mean of 0; Record ID: 17791- 2004 Data: [DEQ/DES] LASAR 11138 River Mile 1.5: From 2/9/2000 to 12/15/2002, 5 out of 5 samples (100%) > 406 organisms; maximum 30-day log mean of 0	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 5	Record ID: 24597- 2012 Data: [DEQ] STATION 25371 at RM 35.3 from 01/12/2000 to 05/13/2003, 19 of 22 (86%) samples < 11.0 mg/l and < 95% saturation. [DEQ] STATION 25772 at RM 52 from 01/11/2000 to 05/14/2003, 8 of 14 (57%) samples < 11.0 mg/l and < 95% saturation 2010	
E. coli	Category 4A	Record ID: 24889- Based on EPA analysis of available data for 303(d) additions proposed in March 2012: Three exceedences of the 406 maximum criteria out of 5 days of sampling at LASAR station 25371, Long Tom River at Hwy 126, between 4/26/00 and 5/23/00.	
pH	Category 5	Record ID: 17617- Previous Data: [DEQ/WSC Long Tom] LASAR 25371 River Mile 35.3: From 10/13/1999 to 5/8/2001, 3 out of 16 samples (19%) outside pH criteria range 6.5 to 8.5.	
Dissolved Oxygen-Spawning	Category 5	Record ID: 24616- 2012 Data: [DEQ] STATION 11137 at RM 1.3 from 03/16/2000 to 04/10/2003, 9 of 13 (69%) samples < 11.0 mg/l and < 95% saturation. [DEQ] STATION 23859 at RM 8 from 02/10/2000 to 04/10/2003, 4 of 16 (25%) samples < 11.0 mg/l and < 95% saturation 2010 Da	

Assessment	IR_category	Rationale	Monitoring_locations
E. coli	Category 4A	Record ID: 17798- 2004 Data: [DEQ/DES] LASAR 11137 River Mile 1.3: From 2/9/2000 to 12/15/2002, 7 out of 26 samples (27%) > 406 organisms; maximum 30-day log mean of 0; Record ID: 17800- 2004 Data: [DEQ/DES] LASAR 11137 River Mile 1.3: From 2/9/2000 to 12/15/2002, 3 out of 5 samples (60%) > 406 organisms; maximum 30-day log mean of 0	
Temperature- Year Round	Category 5	92 of 288 7-DADM values > criteria Record ID: 23786- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33842 River Mile 16.62 FROM 8/16/2006 To 8/16/2006 1 out of 1 (100%) samples outside MWCF regional criteria.	40073-ORDEQ; 40088-ORDEQ; 40089-ORDEQ
BioCriteria	Category 5		
Iron (total)- Aquatic Life Criteria	Category 5	14 of 17 samples > 1000 µg/L	
Temperature- Year Round	Category 5	Data insufficient to calculate 7DADM value	
Turbidity	Category 5	No. of years with Turbidity > 5.0 NTU > 45 days = 9	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 5	Record ID: 24597- 2012 Data: [DEQ] STATION 25371 at RM 35.3 from 01/12/2000 to 05/13/2003, 19 of 22 (86%) samples < 11.0 mg/l and < 95% saturation. [DEQ] STATION 25772 at RM 52 from 01/11/2000 to 05/14/2003, 8 of 14 (57%) samples < 11.0 mg/l and < 95% saturation 2010	
E. coli	Category 4A	Record ID: 24890- Based on EPA analysis of available data for 303(d) additions proposed in March 2012: Five exceedences of the 406 maximum criteria out of 16 days of sampling at LASAR station 25772, Long Tom River at Alderwood State Park at footbridge, between 8/14/00 and	
Iron (total)- Aquatic Life Criteria	Category 5	Record ID: 17612- 2012 Data: [ODEQ] STATION 11140 at RM 5.4 for 13 samples from 02/02/2000 to 08/07/2001, 0 of 0 valid samples exceed the 1000 ug/L criteria Previous Data: [DEQ/ODA - Salem] LASAR 12509 River Mile 50.5: From 9/14/1995 to 9/14/1995, 1 out of 1 samples	
Dissolved Oxygen-Spawning	Category 5	Record ID: 24638- 2012 Data: [DEQ] STATION 25372 at RM 0.1 from 01/09/2001 to 05/13/2003, 13 of 15 (87%) samples < 11.0 mg/l and < 95% saturation 2010 Data: EPA addition to 303(d) list 12/14/2012: Seven exceedences of the spawning criteria (11mg/g or 95% saturation)	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen- Year Round	Category 5	Record ID: 24639- 2012 Data: [DEQ] STATION 25372 at RM 0.1 from 07/11/2000 to 07/08/2003, 7 of 23 (30%) samples < 8.0 mg/l and < 90% saturation 2010 Data: EPA addition to 303(d) list 12/14/2012: Six exceedences of the cold water aquatic life criteria out of 15 days	
E. coli	Category 4A	Record ID: 18216- Based on EPA analysis of available data for 303(d) additions proposed in March 2012: Two exceedences of the 406 maximum criteria out of 17 days of sampling at LASAR station 33200, South Fork Pudding River at Cascade Hwy, between 11/18/03 and 2/21/07. Pre; Record ID: 18217- Based on EPA analysis of available data for 303(d) additions proposed in March 2012: Three exceedences of the 406 maximum criteria out of 5 days of sampling at LASAR station 33200, South Fork Pudding River at Cascade Hwy, between 6/17/04 and 9/18/06. Pre	
Dissolved Oxygen- Spawning	Category 5	Record ID: 24623- 2012 Data: [DEQ] STATION 10151 at RM 6.3 from 01/10/2001 to 05/14/2003, 13 of 15 (87%) samples < 11.0 mg/l and < 95% saturation. [DEQ] STATION 31333 at RM 17.6 from 01/08/2002 to 05/13/2003, 10 of 10 (100%) samples < 11.0 mg/l and < 95% saturation. [D	
Dissolved Oxygen- Year Round	Category 5	3 of 3 samples < cold water criteria	10151-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13105- 2004 Data: [DEQ/SECOR] LASAR 26771 River Mile 2.7: From 6/3/2001 to 9/28/2002, 215 days with 7-day-average maximum > 18 degrees Celsius. Record ID: 24623- 2012 Data: [DEQ] STATION 10151 at RM 6.3 from 01/10/2001 to 05/14/2003, 13 of 15 (87%) samples < 11.0 mg/l and < 95% saturation. [DEQ] STATION 31333 at RM 17.6 from 01/08/2002 to 05/13/2003, 10 of 10 (100%) samples < 11.0 mg/l and < 95% saturation.	
Dissolved Oxygen-Spawning	Category 5	[D	
Dissolved Oxygen-Year Round	Category 5	3 of 4 samples < cold water criteria	25626-ORDEQ
E. coli	Category 4A	0 of 4 samples > 406 organisms per 100 mL Record ID: 24609- 2012 Data: [DEQ] STATION 25828 at RM 1.9 from 01/10/2001 to 05/14/2003, 11 of 14 (79%) samples < 11.0 mg/l and < 95% saturation	25626-ORDEQ
Dissolved Oxygen-Spawning	Category 5	2010 Data: EPA addition to 303(d) list 12/14/2012: Eleven exceedences of the spawning criteria out of 14 days of sampli	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen- Year Round	Category 5	Record ID: 24610- 2012 Data: [DEQ] STATION 11150 at RM 0.3 from 07/10/2001 to 07/10/2001, 1 of 1 (100%) samples < 8.0 mg/l and < 90% saturation. [DEQ] STATION 25806 at RM 1.6 from 07/10/2001 to 07/11/2001, 2 of 2 (100%) samples < 8.0 mg/l and < 90% saturation. [DEQ] ST	
E. coli	Category 4A	Record ID: 17729- 2004 Data: [DEQ/DES] LASAR 25828 River Mile 1.9: From 2/9/2000 to 7/18/2001, 3 out of 22 samples (14%) > 406 organisms; maximum 30-day log mean of 0 [DEQ] LASAR 11150 River Mile 0.3: From 12/11/2002 to 12/15/2002, 2 out of 3 samples (67%) > 406 organi	
Temperature- Year Round	Category 5	Record ID: 5920- Previous Data: DEQ Data (Site 402041; RM 0.2): 85% (41 of 48) Summer values exceeded temperature standard (64) with exceedances each year and a maximum of 82.4 in WY 1986- 1995.	
BioCriteria	Category 5	Record ID: 23792- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 29875 River Mile 14.51 FROM 8/18/2003 To 8/18/2003 1 out of 1 (100%) samples outside MWCF regional criteria.	
Dissolved Oxygen- Spawning	Category 5	20 of 22 samples < 11 mg/L and 95% sat	36790-ORDEQ; 40475-ORDEQ; 40476-ORDEQ
E. coli	Category 4A	2 geometric means > 126 organisms per 100 mL; 1 of 39 samples > 406 organisms per 100 mL	36790-ORDEQ; 40475-ORDEQ; 40476-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13110- 2004 Data: [DEQ] LASAR 23863 River Mile 19: From 7/4/2000 to 9/14/2000, 63 days with 7-day-average maximum > 18 degrees Celsius.	
BioCriteria	Category 5	Record ID: 23793- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 26798 River Mile 2.7 FROM 9/11/2002 To 9/11/2002 1 out of 1 (100%) samples outside MWCF regional criteria.	
Dissolved Oxygen- Spawning	Category 5	24 of 49 samples < 11 mg/L and 95% sat	10373-ORDEQ; 11054-ORDEQ; 34197-ORDEQ
Flow Modification	Category 4C	Record ID: 6300- Cutthroat populations are suspected to be declining due to degradation and loss of habitat, low flows have been suggested to be the most critical factor (ODFW, 93); IWR (70748) is often not met at USGS gage (14171000).	
Iron (total)- Aquatic Life Criteria	Category 5	7 of 16 samples > 1000 µg/L	
Temperature- Year Round	Category 5	Record ID: 5920- Previous Data: DEQ Data (Site 402041; RM 0.2): 85% (41 of 48) Summer values exceeded temperature standard (64) with exceedances each year and a maximum of 82.4 in WY 1986- 1995.	
Flow Modification	Category 4C	Record ID: 6300- Cutthroat populations are suspected to be declining due to degradation and loss of habitat, low flows have been suggested to be the most critical factor (ODFW, 93); IWR (70748) is often not met at USGS gage (14171000).	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 5920- Previous Data: DEQ Data (Site 402041; RM 0.2): 85% (41 of 48) Summer values exceeded temperature standard (64) with exceedances each year and a maximum of 82.4 in WY 1986- 1995.	
Turbidity	Category 5	No. of years with Turbidity > 5.0 NTU > 45 days = 6	
Temperature- Spawning	Category 5	Carried forward from previous listing Record ID: 13076- 2004 Data: [DEQ] LASAR 25471 River Mile 72: From 6/16/2001 to 8/31/2001, 8 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 25473 River Mile 74.5: From 6/16/2001 to 9/21/2001, 7 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5	[Record ID: 24072- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33505 River Mile 34.82 FROM 7/26/2006 To 7/26/2006 1 out of 1 (100%) samples outside MWCF regional criteria.	
BioCriteria	Category 5		
Iron (total)- Aquatic Life Criteria	Category 5	2 of 5 samples > 1000 µg/L	
Temperature- Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	125 of 181 7-DADM values > criteria	25459-ORDEQ; 40071-ORDEQ; 40072-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Record ID: 23770- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 25276 River Mile 8.6 FROM 7/31/2001 To 7/31/2001 1 out of 1 (100%) samples outside MWCF regional criteria.	
Temperature- Year Round	Category 5	Record ID: 13069- 2004 Data: [DEQ] LASAR 25276 River Mile 8.6: From 6/10/2001 to 6/14/2001, 1 days with 7-day- average maximum > 18 degrees Celsius.	
Dissolved Oxygen- Spawning	Category 5	19 of 40 samples < 11 mg/L and 95% sat	10372-ORDEQ; 11180-ORDEQ
Iron (total)- Aquatic Life Criteria	Category 5	5 of 16 samples > 1000 µg/L	
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 60030- DEQ Data Record ID: 13075- 2004 Data: [DEQ] LASAR 11182 River Mile 18.2: From 6/10/2001 to 9/21/2001, 104 days with 7-day- average maximum > 18 degrees Celsius. [DEQ] LASAR 25451 River Mile 13.6: From 6/10/2001 to 9/21/2001, 104 days with 7-day- average maximum > 18 degrees Celsi	
Temperature- Year Round	Category 5	Record ID: 13107- 2004 Data: [DEQ] LASAR 11114 River Mile 0.8: From 6/15/2001 to 9/21/2001, 84 days with 7-day- average maximum > 18 degrees Celsius.	
Temperature- Year Round	Category 5	64 of 222 7-DADM values > criteria	11118-ORDEQ; 40526-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13178- 2004 Data: [DEQ] LASAR 25492 River Mile 0.2: From 6/17/2001 to 10/4/2001, 19 days with 7-day-average maximum > 18 degrees Celsius. [Boise Cascade] LASAR 29455 River Mile 0.8: From 7/16/2000 to 9/15/2002, 0 days with 7-day-average maximum > 18 degrees	
Temperature- Year Round	Category 5	45 of 230 7DADM values exceed criteria Record ID: 23774- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33858 River Mile 27.78 FROM 8/30/2006 To 8/30/2006 1 out of 1 (100%) samples outside MWCF regional criteria.	25481-ORDEQ; 40523-ORDEQ
BioCriteria	Category 5		
Dissolved Oxygen-Spawning	Category 5	15 of 34 samples < 11 mg/L and 95% sat Record ID: 13087- 2004 Data: [DEQ] LASAR 25475 River Mile 5.9: From 6/15/2001 to 9/21/2001, 96 days with 7-day-average maximum > 18 degrees Celsius. [DEQ/Boise Cascade] LASAR 25494 River Mile 55.5: From 6/17/2001 to 9/16/2002, 0 days with 7-day-average maximum > 18 deg	10658-ORDEQ; 10659-ORDEQ; 11111-ORDEQ; 36875-ORDEQ
Temperature- Year Round	Category 5		
Dissolved Oxygen-Spawning	Category 5	2 of 5 samples < 11 mg/L and 95% sat Record ID: 13091- 2004 Data: [DEQ] LASAR 25474 River Mile 0.3: From 6/15/2001 to 9/21/2001, 87 days with 7-day-average maximum > 18 degrees Celsius.	11113-ORDEQ; 14434-ORDEQ; 14435-ORDEQ
Temperature- Year Round	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	169 of 230 7-DADM values > criteria	25482-ORDEQ; 40527-ORDEQ
BioCriteria	Category 5	Record ID: 23773- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 25282 River Mile 5.6 FROM 8/27/2001 To 8/27/2001 1 out of 1 (100%) samples outside MWCF regional criteria.; Record ID: 23785- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33887 River Mile 3.09 FROM 9/12/2006 To 9/12/2006 1 out of 1 (100%) samples outside MWCF regional criteria. LASAR 33892 River Mile 9.36 FROM 9/11/2006 To 9/11/2006 1 out of 1 (100%) samples out	
Dissolved Oxygen-Spawning	Category 5	18 of 20 samples < 11 mg/L and 95% sat	28766-ORDEQ; 28767-ORDEQ; 28772-ORDEQ
Temperature- Year Round	Category 5	Record ID: 13085- 2004 Data: [DEQ] LASAR 25282 River Mile 5.6: From 7/1/2001 to 9/20/2001, 82 days with 7-day- average maximum > 18 degrees Celsius.	
Dissolved Oxygen-Spawning	Category 5	15 of 17 samples < 11 mg/L and 95% sat	33752-ORDEQ
E. coli	Category 4A	Record ID: 17606- 2004 Data: [DEQ/DES] LASAR 28573 River Mile 18.3: From 2/9/2000 to 12/15/2002, 3 out of 25 samples (12%) > 406 organisms; maximum 30- day log mean of 0 [DEQ] LASAR 10375 River Mile 7.6: From 12/12/2002 to 12/15/2002, 1 out of 3 samples (33%) > 406 orga	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 5	8 of 9 samples < 11 mg/L and 95% sat	37099-ORDEQ
Aquatic Weeds	Category 5	Oregon Invasives Hotline report of clump of Yellow flowered-iris; presumed yellow flag given the riparian nature of the area.	
BioCriteria	Category 5	Record ID: 6127- Previous Data: Research paper by Oregon State University (Villeneuve, D.L., Curtis, L.R., et al, (2004) Environmental Stresses and Skeletal Deformities in Fish from the Willamette River, Oregon, USA. To: Oregon Watershed Enhancement Board) concluded the	

Assessment	IR_category	Rationale	Monitoring_locations
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 6769- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 6770- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 6771- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream; Record ID: 6772- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Dissolved Oxygen-Spawning	Category 5	11 excursions of 7 day metric. 25 sampled < absolute minimum of 9.0 mg/L	14158100

Assessment	IR_category	Rationale	Monitoring_locations
Iron (total)- Aquatic Life Criteria	Category 5	<p>Record ID: 7341- 2012 Data: [ODEQ] STATION 10352 at RM 131.5 for 29 samples from 01/11/2000 to 09/24/2001, 0 of 0 valid samples exceed the 1000 ug/L criteria Previous Data: [DEQ/ODA - Salem] LASAR 10352 River Mile 131.5: From 1/26/1994 to 9/24/2001, 5 out of 84 sam; Record ID: 8383-2012 Data: [ODEQ] STATION 10350 at RM 119.4 for 23 samples from 01/11/2000 to 09/24/2001, 0 of 0 valid samples exceed the 1000 ug/L criteria Previous Data: [DEQ/ODA - Salem] LASAR 10350 River Mile 119.4: From 1/26/1994 to 9/24/2001, 4 out of 92 sam; Record ID: 16455-2012 Data: [ODEQ] STATION 10355 at RM 161.6 for 21 samples from 01/11/2000 to 09/24/2001, 0 of 0 valid samples exceed the 1000 ug/L criteria. [ODEQ] STATION 10359 at RM 184.7 for 10 samples from 02/02/2000 to 08/07/2001, 0 of 0 valid samples exceed the</p>	<p>10355-ORDEQ; 10359-ORDEQ; 29043-ORDEQ; 29044-ORDEQ; NRSA0809-OR027; NRSA0809-OR051; NRSA1314-ORR9-0911</p>
Methylmercury- Human Health Criteria	Category 4A	<p>Geomean > 0.04 mg/kg (0.346)</p>	<p>10355-ORDEQ; 10359-ORDEQ; 29043-ORDEQ; 29044-ORDEQ; NRSA0809-OR027; NRSA0809-OR051; NRSA1314-ORR9-0911</p>
Temperature- Spawning	Category 5	<p>587 of 5579 7-DADM values > spawning criteria</p>	<p>14158100; 14166000; 14174000</p>

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	1811 of 9680 7-DADM values > criteria	14158100; 14166000; 14174000
Temperature- Year Round	Category 5	73 of 499 7-DADM values > criteria	WNF-051; WNF-052
Temperature- Year Round	Category 5	276 of 571 7-DADM values > criteria	WNF-050; WNF-053
Temperature- Year Round	Category 5	11 of 458 7DADM values > criteria (7/28 to 8/7/2009)	WNF-043
Temperature- Year Round	Category 5	68 of 791 7-DADM values > criteria	WNF-003; WNF-004; WNF-005
Temperature- Spawning	Category 5	218 of 2853 7-DADM values > spawning criteria	14159500
Temperature- Year Round	Category 5	119 of 3633 7-DADM values > criteria	14159500
Temperature- Spawning	Category 5	340 of 2860 7-DADM values > spawning criteria	14162200
Temperature- Year Round	Category 5	160 of 3640 7-DADM values > criteria Record ID: 25045- 2012 Data: [USGS] STATION 14161500 at RM 0.3 from 01/09/2003 to 06/13/2011, 5 of 35 (14%) samples < 11.0 mg/l and < 95% saturation	14162200
Dissolved Oxygen- Spawning	Category 5		
Temperature- Year Round	Category 5	418 of 2067 7-DADM values > criteria	14161500
Temperature- Year Round	Category 5	552 of 3152 7-DADM values > criteria	14161100

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	176 of 356 7-DADM values > criteria	WNF-095
Temperature- Year Round	Category 5	10 of 337 7DADM values exceed criteria (7/29 to 8/7/2009)	WNF-064
Temperature-Spawning	Category 5	Carried forward from previous listing	
		Record ID: 13064- 2004 Data: [DEQ/SECOR] LASAR 26770 River Mile 48.8: From 6/16/2001 to 8/31/2002, 0 days with 7-day-average maximum > 16 degrees Celsius. [DEQ/SECOR] LASAR 26757 River Mile 15: From 7/10/2001 to 8/31/2002, 98 days with 7-day-average maximum > 16 degree	
Temperature- Year Round	Category 5	Carried forward from previous listing	
Temperature-Spawning	Category 5	Carried forward from previous listing	
		Record ID: 13035- 2004 Data: [DEQ] LASAR 25498 River Mile 7.7: From 6/16/2001 to 9/20/2001, 97 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 25502 River Mile 14.1: From 6/16/2001 to 9/14/2001, 77 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5	Carried forward from previous listing	
		Record ID: 16896- 2012 Data: [ODEQ] STATION 10663 at RM 1.6 for 17 samples from 01/19/2000 to 08/22/2001, 0 of 0 valid samples exceed the 1000 ug/L criteria Previous Data: [DEQ] LASAR 10663 River Mile 1.6: From 11/28/1995 to 8/22/2001, 4 out of 46 samples > applicab	
Iron (total)- Aquatic Life Criteria	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Spawning	Category 5	Carried forward from previous listing Record ID: 13035- 2004 Data: [DEQ] LASAR 25498 River Mile 7.7: From 6/16/2001 to 9/20/2001, 97 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 25502 River Mile 14.1: From 6/16/2001 to 9/14/2001, 77 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 12995- 2004 Data: [DEQ] LASAR 25504 River Mile 0.1: From 6/16/2001 to 9/20/2001, 73 days with 7-day-average maximum > 16 degrees Celsius. [BLM - Eugene] LASAR 28118 River Mile 1.4: From 7/10/2000 to 8/31/2002, 88 days with 7-day-average maximum > 16 degrees	
Temperature- Year Round	Category 5	Record ID: 12999- 2004 Data: [DEQ] LASAR 25501 River Mile 0.3: From 8/6/2001 to 9/20/2001, 46 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 26864 River Mile 7.7: From 7/6/2002 to 9/21/2002, 40 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 12999- 2004 Data: [DEQ] LASAR 25501 River Mile 0.3: From 8/6/2001 to 9/20/2001, 46 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 26864 River Mile 7.7: From 7/6/2002 to 9/21/2002, 40 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 12999- 2004 Data: [DEQ] LASAR 25501 River Mile 0.3: From 8/6/2001 to 9/20/2001, 46 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 26864 River Mile 7.7: From 7/6/2002 to 9/21/2002, 40 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Spawning	Category 5	Carried forward from previous listing	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13003- 2004 Data: [DEQ] LASAR 25500 River Mile 0: From 6/16/2001 to 9/20/2001, 79 days with 7-day-average maximum > 16 degrees Celsius.	
Dissolved Oxygen- Spawning	Category 5	Record ID: 24560- 2010 Data: EPA addition to 303(d) list 12/14/2012: Thirteen exceedences of the spawning criteria out of 26 days of sampling between 9/18/99 and 5/13 06 at LASAR station22651, Mohawk River at Weyco Gate.	
Dissolved Oxygen- Year Round	Category 5	Record ID: 24559- 2012 Data: [DEQ] STATION 10663 at RM 1.6 from 07/11/2000 to 08/24/2005, 5 of 40 (12%) samples < 8.0 mg/l and < 90% saturation. [DEQ] STATION 22654 at RM 11.6 from 09/09/2000 to 07/09/2005, 0 of 14 (0%) samples < 8.0 mg/l and < 90% saturation. [DEQ] ST	
Temperature- Spawning	Category 5	Carried forward from previous listing Record ID: 12963- 2004 Data: [DEQ] LASAR 25609 River Mile 0.1: From 6/4/2001 to 9/20/2001, 21 days with 7-day-average maximum > 16 degrees Celsius.; Record ID: 13035- 2004 Data: [DEQ] LASAR 25498 River Mile 7.7: From 6/16/2001 to 9/20/2001, 97 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5	[DEQ] LASAR 25502 River Mile 14.1: From 6/16/2001 to 9/14/2001, 77 days with 7-day-average maximum > 16 degrees Celsius.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature-Spawning	Category 5	Carried forward from previous listing Record ID: 13020- 2004 Data: [DEQ] LASAR 25497 River Mile 0.3: From 6/16/2001 to 9/20/2001, 77 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5	[BLM - Eugene] LASAR 28116 River Mile 2.6: From 7/10/2000 to 9/6/2001, 62 days with 7-day-average maximum > 16 degrees C	
Temperature-Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	Record ID: 12912- 2004 Data: [BLM - Eugene] LASAR 28114 River Mile 0.2: From 7/16/2000 to 8/31/2002, 112 days with 7-day-average maximum > 16 degrees Celsius.	
Dissolved Oxygen-Spawning	Category 5	2 of 344 7-DADM values < 11 mg/L and 95% sat; 0 samples < absolute minimum of 9.0 mg/L	14162500
Methylmercury-Human Health Criteria	Category 4A	Geomean > 0.04 mg/kg (0.278)	10376-ORDEQ; 37820-ORDEQ; NRSA0809-OR058
Temperature-Spawning	Category 5	557 of 5428 7-DADM values > spawning criteria	14162500; 14163150; 14163900; 14164900
Temperature- Year Round	Category 5	660 of 6976 7-DADM values > criteria	14162500; 14163150; 14163900; 14164900
Temperature- Year Round	Category 5	64 of 167 7-DADM values > criteria	14164550
Temperature- Year Round	Category 5	63 of 168 7-DADM values > criteria	14164700

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Record ID: 23375- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33859 River Mile 7.72 FROM 8/29/2006 To 8/29/2006 1 out of 1 (100%) samples outside WCCP regional criteria.	
Sedimentation	Category 5	Record ID: 24484- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 23911 (R0CE99-098) 1 out of 1 (100%) samples outside the Cascades Ecoregion criteria, data collected in 1999/2000.	
Sedimentation	Category 5	Record ID: 24484- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 23911 (R0CE99-098) 1 out of 1 (100%) samples outside the Cascades Ecoregion criteria, data collected in 1999/2000.	
Temperature- Year Round	Category 5	8 of 277 7DADM values exceed criteria (7/30 to 8/6/2009)	WNF-008
Temperature- Spawning	Category 5	122 of 2761 7-DADM values > spawning criteria	14181500
Temperature- Year Round	Category 5	27 of 3527 7DADM values > criteria	14181500
Temperature- Year Round	Category 5	312 of 3743 7-DADM values > criteria	14180300; WNF-006
BioCriteria	Category 5	Record ID: 23377- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 25274 River Mile 7 FROM 7/31/2001 To 7/31/2001 1 out of 1 (100%) samples outside WCCP regional criteria.	
Temperature- Year Round	Category 5	33 of 190 7DADM values > criteria	WNF-007

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 7138- Previous Data: BLM site in 1995/96: RM 1, 7 day aver. max. temperature was 63.9/65.7??F; exceeded the temperature standard (64??F) in 1996.	
Dissolved Oxygen- Spawning	Category 5	0 of 205 7-DADM values < 11 mg/L and 95% sat; 23 samples < absolute minimum of 9.0 mg/L	14182400; 14182500
Temperature- Spawning	Category 5	468 out of 2511 spawning period 7DADM values exceed criteria	14182400; 14182500
Temperature- Year Round	Category 5	839 out of 3199 7DADM values exceed criteria	14182400; 14182500
BioCriteria	Category 5	Record ID: 23889- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 32500 River Mile 31.57 FROM 8/3/2005 To 8/3/2005 1 out of 1 (100%) samples outside MWCF regional criteria. LASAR 32497 River Mile 31.82 FROM 8/3/2005 To 8/3/2005 1 out of 1 (100%) samples outsi	
Methylmercury- Human Health Criteria	Category 4A	Arithmetic mean > 0.04 mg/kg (0.0532)	NRSA0809-OR016; NRSA1314-ORR9-0905
Temperature- Spawning	Category 5	107 of 2867 7-DADM values > spawning criteria	14187200
Temperature- Year Round	Category 5	7 of 3647 values exceed criteria (7/26 to 8/1/2008)	14187200
Temperature- Year Round	Category 5	Record ID: 13068- 2004 Data: [WSC - Marys/WSC - N.Santiam] LASAR 24572 River Mile 1.7: From 6/6/2000 to 10/6/2001, 121 days with 7-day-average maximum > 18 degrees Celsius.	

Assessment	IR_category	Rationale	Monitoring_locations
Methylmercury- Human Health Criteria	Category 4A	Geomean > 0.04 mg/kg (0.284)	10774-ORDEQ; 10775-ORDEQ
Temperature- Spawning	Category 5	92 of 2117 7-DADM values > spawning criteria	14189050
Temperature- Year Round	Category 5	663 of 3619 7-DADM values > criteria Record ID: 13004- 2004 Data: [WSC - Marys/WSC - N.Santiam] LASAR 25981 River Mile 0.8: From 6/12/2000 to 10/7/2001, 167 days with 7-day-average maximum > 16 degrees Celsius.	14189050
Temperature- Year Round	Category 5	Record ID: 12955- 2004 Data: [WSC - Marys/WSC - N.Santiam] LASAR 25975 River Mile 0.1: From 6/19/2000 to 9/24/2001, 168 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5	8 of 326 7-DADM values < 11 mg/L and 95% sat; 14 samples < absolute minimum of 9.0 mg/L	4.44728E+14
Dissolved Oxygen- Spawning	Category 5		
Temperature- Spawning	Category 5	497 of 3550 7-DADM values > spawning criteria	14183000; 14183010; 4.45E+14
Temperature- Year Round	Category 5	847 of 3130 7-DADM values > criteria	14183000; 14183010; 14184100; 4.45E+14
Temperature- Year Round	Category 5	931 of 4657 7-DADM values > criteria	14183000; 14183010; 14184100; 4.45E+14

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Record ID: 23690- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 35737 River Mile 0.06 FROM 8/12/1998 To 8/12/1998 1 out of 1 (100%) samples outside WCCP regional criteria. Previous DEQ 2010 Data: LASAR 35737 River Mile 0.06 FROM 8/12/1998 To 8/12/1998 1	
BioCriteria	Category 5	Record ID: 24283- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 35736 River Mile 26.31 FROM 8/11/1998 To 8/11/1998 1 out of 1 (100%) samples outside WCCP regional criteria.	
Temperature- Year Round	Category 5	Record ID: 12952- 2004 Data: [DEQ] LASAR 23805 River Mile 16.2: From 6/11/2000 to 9/16/2000, 56 days with 7-day-average maximum > 18 degrees Celsius.	
Temperature- Year Round	Category 5	60 of 202 7-DADM values > criteria	WNF-091
Temperature- Year Round	Category 5	0 of 74 7-DADM values > criteria	WNF-071
Temperature- Year Round	Category 5	Record ID: 12952- 2004 Data: [DEQ] LASAR 23805 River Mile 16.2: From 6/11/2000 to 9/16/2000, 56 days with 7-day-average maximum > 18 degrees Celsius.	
Temperature- Year Round	Category 5	262 of 444 7-DADM values > criteria	WNF-085
Temperature- Year Round	Category 5	97 of 270 7-DADM values > criteria	WNF-123

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	13 of 629 7DADM values exceed criteria (7/27 to 8/5/2009 and 7/3 to 7/6/2015)	WNF-116
Temperature- Year Round	Category 5	50 of 496 7-DADM values > criteria	WNF-126
Temperature- Year Round	Category 5	391 of 844 7-DADM values > criteria	WNF-014; WNF-015
Temperature- Spawning	Category 5	93 of 98 7-DADM values > spawning criteria	WNF-115
Temperature- Year Round	Category 5	515 of 989 7-DADM values > criteria	WNF-103; WNF-115; WNF-117
Temperature- Year Round	Category 5	393 of 457 7-DADM values > criteria	WNF-108
Temperature- Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	700 of 1017 7-DADM values > criteria	WNF-074; WNF-075; WNF-076
Temperature- Year Round	Category 5	9 of 111 7DADM values exceed criteria. All consecutive	WNF-059
Temperature- Year Round	Category 5	13 of 139 7DADAM values exceed criteria	WNF-094
Temperature- Year Round	Category 5	661 of 2468 7-DADM values > criteria	WNF-013
Temperature- Year Round	Category 5	470 of 2687 7-DADM values > criteria	14185800
Temperature- Spawning	Category 5	420 out of 2630 spawning period 7DADM values exceed criteria	14185000

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	734 out of 3332 7DADM values exceed criteria	14185000
Temperature- Spawning	Category 5	51 of 1968 7-DADM values > spawning criteria	14186200
Temperature- Spawning	Category 5	Carried forward from previous listing Record ID: 12961- 2004 Data: [DEQ] LASAR 21867 River Mile 10.9: From 6/16/1999 to 9/25/1999, 53 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 23802 River Mile 0.5: From 8/14/2000 to 8/31/2000, 18 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5		
Temperature- Spawning	Category 5	Carried forward from previous listing Record ID: 12961- 2004 Data: [DEQ] LASAR 21867 River Mile 10.9: From 6/16/1999 to 9/25/1999, 53 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 23802 River Mile 0.5: From 8/14/2000 to 8/31/2000, 18 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5		
Dissolved Oxygen- Spawning	Category 5	Carried forward from previous listing Record ID: 13013- 2004 Data: [DEQ] LASAR 23770 River Mile 1.7: From 6/11/2000 to 9/15/2000, 78 days with 7-day-average maximum > 18 degrees Celsius.	
Temperature- Year Round	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Record ID: 23573- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 21834 River Mile 0.1 FROM 8/4/1999 To 8/4/1999 1 out of 1 (100%) samples outside MWCF regional criteria.	
Temperature- Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	Record ID: 13029- 2004 Data: [DEQ/SECOR] LASAR 10784 River Mile 2.4: From 6/11/2000 to 10/3/2002, 293 days with 7- day-average maximum > 18 degrees Celsius. [DEQ] LASAR 23769 River Mile 12: From 6/11/2000 to 9/15/2000, 84 days with 7-day- average maximum > 18 degrees Cel; Record ID: 13030- 2004 Data: [DEQ] LASAR 21856 River Mile 28.3: From 7/5/1999 to 8/31/1999, 53 days with 7-day- average maximum > 16 degrees Celsius. [DEQ] LASAR 23768 River Mile 17.6: From 7/30/2000 to 8/31/2000, 33 days with 7-day- average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 12970- 2004 Data: [DEQ] LASAR 23782 River Mile 0.6: From 6/9/2000 to 9/15/2000, 28 days with 7-day- average maximum > 18 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 12970- 2004 Data: [DEQ] LASAR 23782 River Mile 0.6: From 6/9/2000 to 9/15/2000, 28 days with 7-day- average maximum > 18 degrees Celsius.	

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Record ID: 24288- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 21816 River Mile 8.2 FROM 10/7/1999 To 10/7/1999 1 out of 1 (100%) samples outside MWCF regional criteria. LASAR 21818 River Mile 8.3 FROM 10/7/1999 To 10/7/1999 1 out of 1 (100%) samples outsi Record ID: 13033- 2004 Data: [DEQ] LASAR 23780 River Mile 17.9: From 6/9/2000 to 9/15/2000, 89 days with 7-day- average maximum > 18 degrees Celsius. [DEQ] LASAR 23785 River Mile 7.6: From 6/9/2000 to 9/15/2000, 89 days with 7-day- average maximum > 18 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 12970- 2004 Data: [DEQ] LASAR 23782 River Mile 0.6: From 6/9/2000 to 9/15/2000, 28 days with 7-day- average maximum > 18 degrees Celsius.	
Temperature- Year Round	Category 5	Carried forward from previous listing	
Temperature- Spawning	Category 5	Record ID: 13033- 2004 Data: [DEQ] LASAR 23780 River Mile 17.9: From 6/9/2000 to 9/15/2000, 89 days with 7-day- average maximum > 18 degrees Celsius. [DEQ] LASAR 23785 River Mile 7.6: From 6/9/2000 to 9/15/2000, 89 days with 7-day- average maximum > 18 degrees Celsius. ; Record ID: 13034- 2004 Data:	
Temperature- Year Round	Category 5	[DEQ] LASAR 23779 River Mile 23.1: From 6/16/2000 to 8/31/2000, 71 days with 7-day- average maximum > 16 degrees Celsius.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature-Spawning	Category 5	Carried forward from previous listing Record ID: 12964- 2004 Data: [DEQ] LASAR 23773 River Mile 0.1: From 6/10/2000 to 9/16/2000, 35 days with 7-day-average maximum > 16 degrees Celsius.; Record ID: 13002- 2004 Data: [DEQ] LASAR 11419 River Mile 1.3: From 6/10/2000 to 9/16/2000, 96 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 23772 River Mile 10.9: From 6/16/2000 to 9/16/2000, 79 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5		
Temperature- Year Round	Category 5	81 of 119 7-DADM values > criteria	23777-ORDEQ; 40069-ORDEQ
Dissolved Oxygen- Year Round	Category 5	8 out of 21 samples < cold water criteria	23775-ORDEQ; 28564-ORDEQ; 37252-ORDEQ
Temperature-Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	96 out of 118 7DADM values exceed criteria Record ID: 12964- 2004 Data: [DEQ] LASAR 23773 River Mile 0.1: From 6/10/2000 to 9/16/2000, 35 days with 7-day-average maximum > 16 degrees Celsius. Record ID: 17267- 2004 Data: [DEQ] LASAR 28716 River Mile 3.9: From 2/19/2003 to 3/7/2003, 2 out of 8 samples (25%) > 406 organisms; maximum 30-day log mean of 0	23775-ORDEQ; 40070-ORDEQ
Temperature- Year Round	Category 5		
E. coli	Category 4A		37589-ORDEQ; 37590-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Flow Modification	Category 4C	Record ID: 6331- Cutthroat populations are a stock of concern with low flows and high temperatures constraining populations in some coast range streams (ODFW, 92); IWR (59482) is often not met at USGS gage (14190700).	
Temperature- Year Round	Category 5	Record ID: 5952- Previous Data: Rickreall Creek Water Quality Report - Baumgartner (DEQ, 1993).	
Dissolved Oxygen- Year Round	Category 4A	Record ID: 25892- 2012 Data: [DEQ] STATION 29870 at RM 26.6 from 09/15/2003 to 09/15/2003, 0 of 1 (0%) samples < 8.0 mg/l and < 90% saturation	
Aquatic Weeds	Category 5	Record ID: 60002- Oregon Parks and Recreation Department Data; Record ID: 60003- Oregon Parks and Recreation Department Data	
BioCriteria	Category 5	Record ID: 6126- Previous Data: Research paper by Oregon State University (Villeneuve, D.L., Curtis, L.R., et al, (2004) Environmental Stresses and Skeletal Deformities in Fish from the Willamette River, Oregon, USA. To: Oregon Watershed Enhancement Board) concluded the	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 6768- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 5	8 of 19 samples < 11 mg/L and 95% sat	33749-ORDEQ; WR10
Temperature-Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	Record ID: 12978- 2004 Data: [DEQ/SECOR] LASAR 10347 River Mile 96.6: From 6/17/2001 to 10/5/2002, 181 days with 7-day-average maximum > 18 degrees Celsius. [DEQ/SECOR] LASAR 10349 River Mile 113.5: From 6/17/2001 to 10/5/2002, 187 days with 7-day-average maximum > 18	
Dissolved Oxygen-Spawning	Category 5	464 of 1255 7-DADM values < 11 mg/L and 95% sat; 28 samples < absolute minimum of 9.0 mg/L	28961-ORDEQ; MIC1; MIC12; MIC3
E. coli	Category 4A	83 geometric means > 126 organisms per 100 mL; 48 of 238 samples > 406 organisms per 100 mL	MIC1; MIC12
Temperature-Spawning	Category 5	510 out of 3735 spawning period 7DADM values exceed criteria	MIC12; MIC3
Temperature- Year Round	Category 5	1569 out of 6465 7DADM values exceed criteria	28961-ORDEQ; MIC12; MIC3
E. coli	Category 4A	56 geometric means > 126 organisms per 100 mL; 41 of 237 samples > 406 organisms per 100 mL	SHE1; SHE10
Dissolved Oxygen-Spawning	Category 5	16 of 18 samples < 11 mg/L and 95% sat	33747-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen- Year Round	Category 5	15 out of 43 samples < cool water criteria 98 geometric means > 126 organisms per 100 mL; 93 of 352 samples > 406 organisms per 100 mL	33747-ORDEQ
E. coli	Category 4A		MRA1; MRA10; PRI1
Aldrin- Human Health Criteria	Category 5	Record ID: 9317- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	
BioCriteria	Category 5	Record ID: 6126- Previous Data: Research paper by Oregon State University (Villeneuve, D.L., Curtis, L.R., et al, (2004) Environmental Stresses and Skeletal Deformities in Fish from the Willamette River, Oregon, USA. To: Oregon Watershed Enhancement Board) concluded the	
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 9320- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	
DDT 4,4'- Human Health Criteria	Category 5	Record ID: 9319- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	
Dieldrin- Human Health Criteria	Category 5	Record ID: 9318- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	
Dioxin (2,3,7,8- TCDD)- Human Health Criteria	Category 4A	Record ID: 6768- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 5	13 of 47 samples < 11 mg/L and 95% sat 3 geometric means > 126 organisms per 100 mL; 6 of 160 samples > 406 organisms per 100 mL	10344-ORDEQ; WR1; WR5
E. coli	Category 4A		10344-ORDEQ; 12468-ORDEQ; WR1; WR5
Methylmercury-Human Health Criteria	Category 4A	Geomean > 0.04 mg/kg (0.43)	10344-ORDEQ
Polychlorinated Biphenyls (PCBs)-Human Health Criteria	Category 5	Record ID: 9316- Previous Data: Oregon Health Division fish advisory issued 11/20/01. 181 out of 1943 spawning period 7DADM values exceed criteria	14192015
Temperature-Spawning	Category 5		14192015
Temperature- Year Round	Category 5	889 out of 3466 7DADM values exceed criteria	14192015
BioCriteria	Category 5	Record ID: 6126- Previous Data: Research paper by Oregon State University (Villeneuve, D.L., Curtis, L.R., et al, (2004) Environmental Stresses and Skeletal Deformities in Fish from the Willamette River, Oregon, USA. To: Oregon Watershed Enhancement Board) concluded the	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 6768- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 5	12 of 31 samples < 11 mg/L and 95% sat	10555-ORDEQ; 31731-ORDEQ
Iron (total)- Aquatic Life Criteria	Category 5	4 out of 27 samples > 1000 µg/L	
Aldrin- Human Health Criteria	Category 5	Record ID: 9221- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	
BioCriteria	Category 5	Record ID: 6125- Previous Data: Research paper by Oregon State University (Villeneuve, D.L., Curtis, L.R., et al, (2004) Environmental Stresses and Skeletal Deformities in Fish from the Willamette River, Oregon, USA. To: Oregon Watershed Enhancement Board) concluded the	
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 9225- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	
DDT 4,4'- Human Health Criteria	Category 5	Record ID: 9224- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	
Dieldrin- Human Health Criteria	Category 5	Record ID: 9223- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 6767- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	

Assessment	IR_category	Rationale	Monitoring_locations
Iron (total)- Aquatic Life Criteria	Category 5	Record ID: 8381- 2012 Data: [ODEQ] STATION 34542 at RM 25.6 for 1 samples from 10/01/2007 to 10/01/2007, 0 of 0 valid samples exceed the 1000 ug/L criteria. [ODEQ] STATION 34541 at RM 25.7 for 1 samples from 10/01/2007 to 10/01/2007, 0 of 0 valid samples exceed the 100	
Methylmercury- Human Health Criteria	Category 4A	Geomean > 0.04 mg/kg (0.14)	26339-ORDEQ
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 9220- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	
Temperature- Year Round	Category 5	571 out of 3352 7DADM values exceed criteria	14197900
BioCriteria	Category 5	Record ID: 24036- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33523 River Mile 0.75 FROM 7/17/2006 To 7/17/2006 1 out of 1 (100%) samples outside MWCF regional criteria. LASAR 31403 River Mile 7.8 FROM 8/11/2004 To 9/9/2004 1 out of 1 (100%) samples outsi	
Dissolved Oxygen- Spawning	Category 5	13 of 33 samples < 11 mg/L and 95% sat	10873-ORDEQ; OC 10; OC 11
Dissolved Oxygen- Year Round	Category 5	20 out of 116 samples < cold water criteria	10873-ORDEQ; OC 10; OC 11

Assessment	IR_category	Rationale	Monitoring_locations
E. coli	Category 4A	1 geometric mean > 126 organisms per 100 mL; 13 of 76 samples > 406 organisms per 100 mL Record ID: 8773- Previous Data: LASAR 10873 RM 0.2: In 1999, 7 days with 7 DMA > 17.8 C. LASAR 10874 RM 6.6: In 1999, 53 days with 7 DMA > 17.8 C.	OC 10; OC 11
Temperature- Year Round	Category 5	Record ID: 23731- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33855 River Mile 1.28 FROM 9/18/2006 To 9/18/2006 1 out of 1 (100%) samples outside MWCF regional criteria.	
BioCriteria	Category 5		10456-ORDEQ; 10458-ORDEQ; 10459-ORDEQ; 14206690; 14206740; 14206960; 14207050; 14207200; 14207600; 4.52E+14
Chlorophyll-a	Category 4A	179 of 1831 results > 0.015 µg/L; 1 of 52 3-consecutive-month-averages > 0.015 µg/L	
Dissolved Oxygen- Year Round	Category 4A	319 of 4510 30-D; 23 of 5495 7-D; and 6 of 5757 absolute minimum values < cool water criteria	14206694; 14207200
Harmful Algal Blooms	Category 5	Record ID: 23209	
Iron (total)- Aquatic Life Criteria	Category 5	84 out of 293 samples > 1000 µg/L	
Methylmercury- Human Health Criteria	Category 4A	Geomean > 0.04 mg/kg (0.51)	10456-ORDEQ; 26773-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Phosphorus-Aquatic Life Criteria	Category 4A	Record ID: 6458- Previous Data: USA Data (10 Sites: RM 0.2 - 38.5): 83 - 100% (10 - 135 of 12 - 140) Summer values exceeded phosphorus TMDL standard (50 - 70 ug/l) with maximum values of 125 - 750 between 7/93 - 10/95. DEQ Data available.	
Temperature- Year Round	Category 4A	1937 out of 5635 7DADM values exceed criteria	14206694; 14207200
BioCriteria	Category 5	Record ID: 24036- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33523 River Mile 0.75 FROM 7/17/2006 To 7/17/2006 1 out of 1 (100%) samples outside MWCF regional criteria. LASAR 31403 River Mile 7.8 FROM 8/11/2004 To 9/9/2004 1 out of 1 (100%) samples outsi	
Temperature- Year Round	Category 5	Record ID: 8773- Previous Data: LASAR 10873 RM 0.2: In 1999, 7 days with 7 DMA > 17.8 C. LASAR 10874 RM 6.6: In 1999, 53 days with 7 DMA > 17.8 C. 162 of 1008 7-DADM values < 11mg/L and 95% sat; 20 samples < absolute minimum of 9.0 mg/L	14210000
Dissolved Oxygen-Spawning Methylmercury-Human Health Criteria	Category 4A	Geomean > 0.04 mg/kg (0.41)	11233-ORDEQ; 29045-ORDEQ
Temperature-Spawning	Category 5	357 of 4159 7-DADM values > criteria	14210000; 14211010
Temperature- Year Round	Category 5	1065 of 6166 7-DADM values > criteria	14210000; 14211010
Aldrin- Human Health Criteria	Category 5	Record ID: 9215- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Record ID: 6124- Previous Data: Research conducted in this portion of the river (Sethajintanin, D., Johnson, E.R., Loper, B.R., and Anderson, K.A., (2004) Bioaccumulation Profiles of Chemical Contaminants in Fish from the Lower Willamette River, Portland harbor, Oregon.	
Cyanide- Aquatic Life Criteria	Category 5	Record ID: 24515- 2010 Data: EPA addition to 303(d) list 12/14/2012: Seventy-five exceedences from samples collected at Portland Harbor Clean up site studies between 4/27/04 and 10/8/07. Data in Storet.	
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 9219- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	
DDT 4,4'- Human Health Criteria	Category 5	Record ID: 7673- STORET Data; Record ID: 9218- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	
Dieldrin- Human Health Criteria	Category 5	Record ID: 9217- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 6765- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Ethylbenzene- Human Health Criteria	Category 5	Record ID: 7673- STORET Data	

Assessment	IR_category	Rationale	Monitoring_locations
Hexachlorobenzene- Human Health Criteria	Category 5	Record ID: 24516- 2010 Data: EPA addition to 303(d) list 12/14/2012: 32 exceedences from samples collected at Portland Harbor Clean up site between 11/9/2004 and 3/10/07. Data in Storet.	
Pentachlorophenol- Human Health Criteria	Category 4B		
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 9214- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	
Polycyclic Aromatic Hydrocarbons (PAHs)- Human Health Criteria	Category 5	Record ID: 7186 Record ID: 12977- 2004 Data: [DEQ/SECOR] LASAR 10340 River Mile 38.3: From 6/16/2001 to 9/30/2002, 163 days with 7-day-average maximum > 20 degrees Celsius.; Record ID: 23119	
Temperature- Year Round	Category 5		
Aldrin- Human Health Criteria	Category 5	Record ID: 9221- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	

Assessment	IR_category	Rationale	Monitoring_locations
Aquatic Weeds	Category 5	Record ID: 60000- Oregon Invasive Species Hotline and Oregon Parks and Recreation Department Data; Record ID: 60000- Aquatic Weeds (Water Primrose):Oregon Invasive Species Hotline ; Record ID: 60000- Aquatic Weeds (South American waterweed, Eurasian watermilfoil); Record ID: 60000- Aquatic Weeds (Water Primrose)	
BioCriteria	Category 5	Record ID: 6125- Previous Data: Research paper by Oregon State University (Villeneuve, D.L., Curtis, L.R., et al, (2004) Environmental Stresses and Skeletal Deformities in Fish from the Willamette River, Oregon, USA. To: Oregon Watershed Enhancement Board) concluded the	
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 9225- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	
DDT 4,4'- Human Health Criteria	Category 5	Record ID: 9224- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	
Dieldrin- Human Health Criteria	Category 5	Record ID: 9223- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 6767- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	

Assessment	IR_category	Rationale	Monitoring_locations
Methylmercury- Human Health Criteria	Category 4A	Geomean > 0.04 mg/kg (0.20)	10833-ORDEQ; 31545-ORDEQ; 33617-ORDEQ; 34198-ORDEQ
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 9220- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	
Temperature- Year Round	Category 5	Record ID: 12977- 2004 Data: [DEQ/SECOR] LASAR 10340 River Mile 38.3: From 6/16/2001 to 9/30/2002, 163 days with 7- day-average maximum > 20 degrees Celsius.	
Fecal Coliform	Category 5	Record ID: 6078- Previous Data: DEQ Data (Site 402646; RM 0.5): 27% (4 of 16) FWS values exceeded fecal coliform standard (400) with a maximum value of 110 between 1986 - 1988.	
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 6418- Previous Data: DEQ Data (Site 402646, RM 0.5): 9% (1 of 11) May through October values exceeded TMDL phosphorus standard (70 ug/l) with a maximum of 200 ug/l between 1986 - 1988.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round Temperature- Spawning	Category 5 Category 5	Record ID: 5964- Previous Data: DEQ Data (Site 402627; RM 36): 75% (9 of 12) Summer values exceeded temperature standard (64) with exceedances each year and a maximum of 75.9 in WY 1986 - 1988.; Record ID: 24641- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 21.3 in August 1999, 22.4 C in July 2000, and 24.0 C in July 2003 at LASAR station 28488, Willamina Creek upstream of pump station.	
Temperature- Year Round	Category 5	Carried forward from previous listing Record ID: 24644- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 18.1 C in August 1999 and 19.4 C in July 2003 at LASAR station 30941, Coast Creek at River Mile 0.8 (Willamina Creek, South Yamhill River)	
BioCriteria	Category 5	Record ID: 23455- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 28488 River Mile 1.9 FROM 9/15/2003 To 9/15/2003 1 out of 1 (100%) samples outside MWCF regional criteria. LASAR 21836 River Mile 17.4 FROM 8/25/1999 To 8/25/1999 1 out of 1 (100%) samples outsid	

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 5	Record ID: 6085- Previous Data: DEQ Data (2 Sites: 402627, 402628; RM 36.0, 39.5): 20% (3 of 15), 17% (2 of 12) FWS values exceeded fecal coliform standard (400) with maximum values of 460, 1100 respectively between 1986 - 1988.; Record ID: 6878- Previous Data: DEQ Data (Site 402627; RM 36.0): 44% (4 of 9) Summer values exceeded fecal coliform standard (400) with a maximum value of 460 between 1986 - 1988.	
Flow Modification	Category 4C	Carried forward from previous listing	
Phosphorus-Aquatic Life Criteria	Category 5	Record ID: 6418- Previous Data: DEQ Data (Site 402646, RM 0.5): 9% (1 of 11) May through October values exceeded TMDL phosphorus standard (70 ug/l) with a maximum of 200 ug/l between 1986 - 1988.	
Temperature-Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	Record ID: 5964- Previous Data: DEQ Data (Site 402627; RM 36): 75% (9 of 12) Summer values exceeded temperature standard (64) with exceedances each year and a maximum of 75.9 in WY 1986 - 1988.; Record ID: 24641- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 21.3 in August 1999, 22.4 C in July 2000, and 24.0 C in July 2003 at LASAR station 28488, Willamina Creek upstream of pump station.	

Assessment	IR_category	Rationale	Monitoring_locations
Turbidity	Category 5	No. of years with Turbidity > 5.0 NTU > 45 days = 10	
Temperature-Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	Record ID: 24644- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 18.1 C in August 1999 and 19.4 C in July 2003 at LASAR station 30941, Coast Creek at River Mile 0.8 (Willamina Creek, South Yamhill River)	
BioCriteria	Category 5	Record ID: 23455- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 28488 River Mile 1.9 FROM 9/15/2003 To 9/15/2003 1 out of 1 (100%) samples outside MWCF regional criteria. LASAR 21836 River Mile 17.4 FROM 8/25/1999 To 8/25/1999 1 out of 1 (100%) samples outside	
Phosphorus-Aquatic Life Criteria	Category 5	Record ID: 6418- Previous Data: DEQ Data (Site 402646, RM 0.5): 9% (1 of 11) May through October values exceeded TMDL phosphorus standard (70 ug/l) with a maximum of 200 ug/l between 1986 - 1988.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 5964- Previous Data: DEQ Data (Site 402627; RM 36): 75% (9 of 12) Summer values exceeded temperature standard (64) with exceedances each year and a maximum of 75.9 in WY 1986 - 1988.; Record ID: 24641- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 21.3 in August 1999, 22.4 C in July 2000, and 24.0 C in July 2003 at LASAR station 28488, Willamina Creek upstream of pump station.	10949-ORDEQ; 35451-ORDEQ
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 6424- Previous Data: DEQ Data (Site 402631, RM 53.4): 14% (1 of 7) May through October values exceeded TMDL phosphorus standard (70 ug/l) with a maximum of 110 ug/l between 1986 - 1988.	
Dissolved Oxygen- Spawning	Category 5	Carried forward from previous listing	10949-ORDEQ; 35451-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 5	<p>Record ID: 6072- Previous Data: DEQ Data (Site 402640; RM 1.0): 19% (3 of 16) FWS values exceeded fecal coliform standard (400) with a maximum value of 1100 between 1986 - 1988.; Record ID: 6075- Previous Data: DEQ Data (Site 402644; RM 1.0): 44% (4 of 9) Summer values exceeded fecal coliform standard (400) with a maximum value of 1100 between 1986 - 1988.; Record ID: 6077- Previous Data: DEQ Data (Site 404184; RM 1.8): 33% (12 of 36) FWS values exceeded fecal coliform standard (400) with a maximum value of 1600 between 1986 - 1992.; Record ID: 6878- Previous Data: DEQ Data (Site 402627; RM 36.0): 44% (4 of 9) Summer values exceeded fecal coliform standard (400) with a maximum value of 460 between 1986 - 1988.</p>	
Flow Modification	Category 4C	<p>Record ID: 6341- Cutthroat populations are a stock of concern with low flows and high temperatures constraining populations in some coast range streams (ODFW, 92); IWR (59461) is often not met at USGS gage (14194000).</p>	
Phosphorus-Aquatic Life Criteria	Category 5	<p>Record ID: 6423- Previous Data: DEQ Data (Site 402627, RM 36.0): 0% (0 of 19) May through October values exceeded TMDL phosphorus standard (70 ug/l) between 1986 - 1988.</p>	
Temperature-Spawning	Category 5	<p>Carried forward from previous listing</p>	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 5954- Previous Data: DEQ Data (Site 402640; RM 1.0): 64% (9 of 14) Summer values exceeded temperature standard (64) with exceedances each year and a maximum of 72.9 in WY 1986 and 1988.; Record ID: 5959- Previous Data: DEQ Data (Site 404184; RM 1.8): 54% (14 of 26) Summer values exceeded temperature standard (64) with exceedances each year and a maximum of 72.3 in WY 1986 - 1992.; Record ID: 5963- Previous Data: DEQ Data (Site 402625; RM 16.5): 88% (46 of 52) Summer values exceeded temperature standard (64) with exceedances each year and a maximum of 81.5 in WY 1986 - 1995.; Record ID: 5964- Previous Data: DEQ Data (Site 402627; RM 36): 75% (9 of 12) Summer values exceeded temperature standard (64) with exceedances each year and a maximum of 75.9 in WY 1986 - 1988.	
E. coli	Category 4A	15 of 42 samples > 406 organisms per 100 mL 1 geometric mean > 126 organisms per 100 mL; 19 of 66 samples > 406 organisms per 100 mL	BT6 10952-ORDEQ; 10953-ORDEQ; 36077-ORDEQ; 36079-ORDEQ; 36080-ORDEQ; 36082-ORDEQ; BT8
E. coli	Category 4A	Record ID: 6086- Previous Data: DEQ Data (Site 402631; RM 53.4): 40% (2 of 5) Summer values exceeded fecal coliform standard (400) with a maximum value of 460 between 1986 - 1987.	
Fecal Coliform	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Phosphorus-Aquatic Life Criteria	Category 5	Record ID: 6424- Previous Data: DEQ Data (Site 402631, RM 53.4): 14% (1 of 7) May through October values exceeded TMDL phosphorus standard (70 ug/l) with a maximum of 110 ug/l between 1986 - 1988.	
BioCriteria	Category 5	Record ID: 24295- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 30681 River Mile 1.8 FROM 9/12/2003 To 9/6/2004 2 out of 2 (100%) samples outside MWCF regional criteria. LASAR 30407 River Mile 4.02 FROM 6/23/2003 To 6/23/2003 1 out of 1 (100%) samples outside	
Fecal Coliform	Category 5	Record ID: 6075- Previous Data: DEQ Data (Site 402644; RM 1.0): 44% (4 of 9) Summer values exceeded fecal coliform standard (400) with a maximum value of 1100 between 1986 - 1988.	
Phosphorus-Aquatic Life Criteria	Category 5	Record ID: 6415- Previous Data: DEQ Data (Site 402644, RM 1.0): 0% (0 of 19) May through October values exceeded TMDL phosphorus standard (70 ug/l) between 1986 - 1998.	
Temperature-Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	Record ID: 13131- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the Salmonid Rearing and Migration Criteria (18 C) as high as 23.2 C in July 2003 at LASAR station 28474, Mill Creek upstream of Hwy 22. Previous Data: [Weyerhauser] LASAR 29456 River	

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Record ID: 23451- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 28480 River Mile 3.6 FROM 9/9/2003 To 9/6/2004 1 out of 2 (50%) samples outside MWCF regional criteria. Record ID: 24635- 2012 Data: [DEQ] STATION 28481 at RM 1.6 from 09/23/2003 to 09/23/2003, 1 of 1 (100%) samples < 8.0 mg/l and < 90% saturation. [DEQ] STATION 28480 at RM 3.6 from 09/23/2003 to 09/23/2003, 1 of 1 (100%) samples < 8.0 mg/l and < 90% saturation. [DEQ] ST	
Dissolved Oxygen- Year Round Temperature- Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	Record ID: 24636- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 20.5 C in August 1999, 24.0 C in July 2000, 24.2 C in July 2003 and July 2004 at LASAR station 28480, Gooseneck Creek between Glenbrook a	
Dissolved Oxygen- Year Round	Category 5	Record ID: 24629- 2010 Data: EPA addition to 303(d) list 12/14/2012: Seven exceedences of the cold water aquatic life criteria out of 8 days of sampling between 7/24/03 and 10/12/04 at LASAR station 28473, Muddy Creek at River Mile 2.2 .	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 24628- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18 C) as high as 21.8 C in July 2003 and 22.1 C July 2004 at LASAR station 28473, Muddy Creek at River Mile 2.2 (Deer Creek, South Yamhill).	
Fecal Coliform	Category 5	Record ID: 6866- Previous Data: DEQ Data (Site 402640; RM 1.0): 63% (5 of 8) Summer values exceeded fecal coliform standard (400) with a maximum value of 2400 between 1986 - 1991.	
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 6413- Previous Data: DEQ Data (Site 402640, RM 1.0): 11% (2 of 19) May through October values exceeded TMDL phosphorus standard (70 ug/l) with a maximum of 490 ug/l between 1986 - 1991.	
Temperature- Year Round	Category 5	Record ID: 24606- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 22.4 C in July 2003 and 23.6 C in July 2004 at LASAR station 30679, Deer Creek below Cronin Creek (South Yamhill).	
BioCriteria	Category 5	Record ID: 23438- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 30679 River Mile 12.6 FROM 9/11/2003 To 9/11/2003 1 out of 1 (100%) samples outside MWCF regional criteria.	

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 5	Record ID: 6866- Previous Data: DEQ Data (Site 402640; RM 1.0): 63% (5 of 8) Summer values exceeded fecal coliform standard (400) with a maximum value of 2400 between 1986 - 1991.	
Phosphorus-Aquatic Life Criteria	Category 5	Record ID: 6413- Previous Data: DEQ Data (Site 402640, RM 1.0): 11% (2 of 19) May through October values exceeded TMDL phosphorus standard (70 ug/l) with a maximum of 490 ug/l between 1986 - 1991.	
Temperature-Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	Record ID: 24606- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 22.4 C in July 2003 and 23.6 C in July 2004 at LASAR station 30679, Deer Creek below Cronin Creek (South Yamhill).	
Chlorophyll-a	Category 5	Record ID: 6245- Previous Data: DEQ Data (Site 404184; RM 1.8): 16% (4 of 25) Summer values exceeded chlorophyll a standard (15 ug/l) with a maximum value of 29 between 1986 - 1992.	35060-ORDEQ; 35063-ORDEQ
Dissolved Oxygen-Year Round	Category 5	12 out of 12 samples < cool water criteria	10959-ORDEQ; 35060-ORDEQ; 35063-ORDEQ; 35064-ORDEQ
Fecal Coliform	Category 5	Record ID: 6077- Previous Data: DEQ Data (Site 404184; RM 1.8): 33% (12 of 36) FWS values exceeded fecal coliform standard (400) with a maximum value of 1600 between 1986 - 1992.	

Assessment	IR_category	Rationale	Monitoring_locations
Phosphorus-Aquatic Life Criteria	Category 5	Record ID: 6417- Previous Data: DEQ Data (Site 404184, RM 1.8): 100% (35 of 35) May through October values exceeded TMDL phosphorus standard (70 ug/l) with a maximum of 330 ug/l between 1986 - 1992.	
Temperature- Year Round	Category 5	Data insufficient to calculate 7DADM value	
Chlorophyll-a	Category 5	1 of 4 results > 0.015 µg/L	10957-ORDEQ; 11505-ORDEQ
Dissolved Oxygen-Spawning	Category 5	20 of 20 samples < 11 mg/L and 95% sat	28491-ORDEQ
Dissolved Oxygen-Year Round	Category 5	20 out of 37 samples < cool water criteria	10957-ORDEQ; 11505-ORDEQ; 28491-ORDEQ; 36090-ORDEQ; 36092-ORDEQ
Fecal Coliform	Category 5	Record ID: 6077- Previous Data: DEQ Data (Site 404184; RM 1.8): 33% (12 of 36) FWS values exceeded fecal coliform standard (400) with a maximum value of 1600 between 1986 - 1992.	
Phosphorus-Aquatic Life Criteria	Category 5	Record ID: 6417- Previous Data: DEQ Data (Site 404184, RM 1.8): 100% (35 of 35) May through October values exceeded TMDL phosphorus standard (70 ug/l) with a maximum of 330 ug/l between 1986 - 1992.	
Temperature- Year Round	Category 5	25 of 25 7DADM values exceed criteria	10957-ORDEQ
E. coli	Category 4A	Record ID: 24608- 2010 Data: EPA addition to 303(d) list 12/14/2012: Five exceedences of the 406 maximum criteria out of 17 days of sampling at LASAR station 26489, Turner Creek upstream of Pike Road Bridge, between 8/26/03 and 9/12/06.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	<p>Record ID: 5960- Previous Data: Two BLM sites: at RM 1 in 1994/95 the 7 day aver. Max. Temperature was 69.8/68.9??F and RM4 in 1995 was 63.5??F. Lower site exceeds temperature standard (64) in both years.;</p> <p>Record ID: 5962- Previous Data: DEQ Data (Site 402606; RM 4.5): 77% (33 of 43) Summer values exceeded temperature standard (64) with exceedances each year and a maximum of 78.8 in WY 1986 - 1995.;</p> <p>Record ID: 7136- Previous Data: Two BLM sites: RM 20 and 27 in 1995, 7 day aver. max. temperature was 71.9/64.4??F, both sites exceeded temperature standard (64 ??F)</p>	
BioCriteria	Category 5	<p>Record ID: 24075- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33921 River Mile 0.8 FROM 9/21/2006 To 9/21/2006 1 out of 1 (100%) samples outside MWCF regional criteria.</p> <p>LASAR 33891 River Mile 14.46 FROM 9/14/2006 To 9/14/2006 1 out of 1 (100%) samples out</p>	
Dissolved Oxygen-Spawning	Category 5	<p>20 of 46 samples < 11 mg/L and 95% sat</p> <p>Record ID: 6081- Previous Data: DEQ Data (2 Sites: 402605, 402606; RM 1.5, 4.5): 30% (6 of 20), 40% (21 of 53) FWS values respectively exceeded fecal coliform standard (400) with maximum values of 2400, 2400 between WY 1986 - 1995.</p>	10929-ORDEQ; 34039-ORDEQ; 35448-ORDEQ
Fecal Coliform	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Flow Modification	Category 4C	Record ID: 6340- Cutthroat populations are a stock of concern with low flows and high temperatures constraining populations in some coast range streams (ODFW, 92); IWR (70746) is often not met at USGS gage (14197000).	
Iron (total)- Aquatic Life Criteria	Category 5	7 of 17 samples > 1000 µg/L	
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 6420- Previous Data: DEQ Data (Site 402606; RM 4.5): 0% (0 of 10) May through October values exceeded phosphorus TMDL standard (70 ug/l) with a maximum value of 60 ug/l between 6/94 - 10/95.	
BioCriteria	Category 5	Record ID: 23435- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33508 River Mile 3.64 FROM 8/9/2006 To 8/9/2006 1 out of 1 (100%) samples outside MWCF regional criteria. LASAR 35886 River Mile 7.04 FROM 9/10/2004 To 9/10/2004 1 out of 1 (100%) samples outsi	
Dissolved Oxygen- Year Round	Category 5	Record ID: 24586- 2012 Data: [DEQ] STATION 28487 at RM 5.2 from 06/03/2006 to 10/01/2006, 0 of 5 (0%) samples < 8.0 mg/l and < 90% saturation. [DEQ] STATION 33961 at RM 6.4 from 10/02/2006 to 10/02/2006, 0 of 1 (0%) samples < 8.0 mg/l and < 90% saturation. [DEQ] STATIO	

Assessment	IR_category	Rationale	Monitoring_locations
E. coli	Category 4A	Record ID: 24585- 2010 Data: EPA addition to 303(d) list 12/14/2012: Two exceedences of the 406 maximum criteria out of 7 days of sampling at LASAR station 10937, Baker Creek at Hidden Hills Bridge, between 8/19/05 and 9/6/06. Three exceedences of the 406 maximum criter	
Temperature- Year Round	Category 5	Record ID: 8776- Previous Data: LASAR 10936 RM 1.7: In 1999, 44 days with 7 DMA > 17.8 C. LASAR 10938 RM 8.7: In 1999, 28 days with 7 DMA > 17.8 C.	
Dissolved Oxygen- Spawning	Category 5	17 of 21 samples < 11 mg/L and 95% sat	28465-ORDEQ
Dissolved Oxygen- Year Round	Category 5	3 out of 23 samples < cool water criteria	28465-ORDEQ
E. coli	Category 4A	Record ID: 24593- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedence of the geometric mean criteria at LASAR station 28486, Yamhill Creek downstream of Hwy 47, between 8/15/06 and 9/12/06.	
Temperature- Year Round	Category 5	Record ID: 24594- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 20.8 C in July 2000 at LASAR station 28465, Yamhill Creek downstream of Hwy 47.	

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Record ID: 24075- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33921 River Mile 0.8 FROM 9/21/2006 To 9/21/2006 1 out of 1 (100%) samples outside MWCF regional criteria. LASAR 33891 River Mile 14.46 FROM 9/14/2006 To 9/14/2006 1 out of 1 (100%) samples out	
Fecal Coliform	Category 5	Record ID: 6081- Previous Data: DEQ Data (2 Sites: 402605, 402606; RM 1.5, 4.5): 30% (6 of 20), 40% (21 of 53) FWS values respectively exceeded fecal coliform standard (400) with maximum values of 2400, 2400 between WY 1986 - 1995.	
Flow Modification	Category 4C	Record ID: 6340- Cutthroat populations are a stock of concern with low flows and high temperatures constraining populations in some coast range streams (ODFW, 92); IWR (70746) is often not met at USGS gage (14197000).	
Phosphorus- Aquatic Life Criteria	Category 5	Record ID: 6420- Previous Data: DEQ Data (Site 402606; RM 4.5): 0% (0 of 10) May through October values exceeded phosphorus TMDL standard (70 ug/l) with a maximum value of 60 ug/l between 6/94 - 10/95.	

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Record ID: 23434- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 23928 River Mile 2.1 FROM 7/10/2000 To 7/10/2000 1 out of 1 (100%) samples outside MWCF regional criteria. LASAR 30676 River Mile 8.9 FROM 9/5/2004 To 9/5/2004 1 out of 1 (100%) samples outside M	
Dissolved Oxygen- Year Round	Category 5	Record ID: 24584- 2012 Data: [DEQ] STATION 30676 at RM 8.9 from 06/28/2005 to 10/01/2006, 1 of 8 (12%) samples < 8.0 mg/l and < 90% saturation 2010 Data: EPA addition to 303(d) list 12/14/2012: Two exceedences of the cold water aquatic life criteria out of 16 days	
E. coli	Category 4A	Record ID: 24583- 2010 Data: EPA addition to 303(d) list 12/14/2012: Eighteen exceedences of the 406 maximum criteria out of 18 days of sampling at LASAR station 30676, Middle Panther Creek below Kane Creek (North Yamhill), between 8/26/03 and 9/12/06. Six exceedences o	
Temperature- Year Round	Category 5	Record ID: 13095- Previous Data: [DEQ] LASAR 23928 River Mile 2.1: From 7/14/2000 to 9/8/2000, 26 days with 7-day-average maximum > 18 degrees Celsius.	
Dissolved Oxygen- Spawning	Category 5	5 of 22 samples < 11 mg/L and 95% sat	10948-ORDEQ
Iron (total)- Aquatic Life Criteria	Category 5	7 of 16 samples > 1000 µg/L	

Assessment	IR_category	Rationale	Monitoring_locations
Phosphorus-Aquatic Life Criteria	Category 5	Record ID: 6422- Previous Data: DEQ Data (Site 402625; RM 16.5): 0% (0 of 10) May through October values exceeded phosphorus TMDL standard (70 ug/l) with a maximum value of 60 ug/l between 6/94 - 10/95.	
Temperature- Year Round	Category 5	Record ID: 5963- Previous Data: DEQ Data (Site 402625; RM 16.5): 88% (46 of 52) Summer values exceeded temperature standard (64) with exceedances each year and a maximum of 81.5 in WY 1986 - 1995.	
BioCriteria	Category 5	Record ID: 23423- 2010 Data: LASAR 32540 River Mile 3.61 FROM 8/23/2005 To 8/23/2005 1 out of 1 (100%) samples outside MWCF regional criteria.	
Dissolved Oxygen-Spawning	Category 5	40 of 66 samples < 11 mg/L and 95% sat	10363-ORDEQ; 10924-ORDEQ
Fecal Coliform	Category 5	Record ID: 6079- Previous Data: DEQ Data (Site 402031; RM 5.0): 46% (33 of 71) FWS values exceeded fecal coliform standard (400) with a maximum value of 2400 between WY 1986 - 1995.	
Iron (total)- Aquatic Life Criteria	Category 5	6 of 21 samples > 1000 µg/L	
Methylmercury-Human Health Criteria	Category 4A	Geomean > 0.04 mg/kg (0.189)	10648-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Phosphorus-Aquatic Life Criteria	Category 5	Record ID: 6419- Previous Data: DEQ Data (Site 402031; RM 5.0): 80% (8 of 10) May through October values exceeded phosphorus TMDL standard (70 ug/l) with a maximum value of 2.7 ug/l between 6/94 - 10/95.	
Temperature- Year Round	Category 5	Record ID: 13037- Previous Data: [DEQ/SECOR] LASAR 10363 River Mile 5: From 6/5/2001 to 9/30/2002, 218 days with 7-day-average maximum > 18 degrees Celsius.	
Dissolved Oxygen- Year Round	Category 4A	Doesn't meet minimum delisting requirements. Move to cat 3B due to not enough data to delist	31872-ORDEQ
Temperature- Year Round	Category 5	74 of 174 7-DADM values > criteria	31872-ORDEQ
BioCriteria	Category 5	Record ID: 23737- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33889 River Mile 37.23 FROM 9/13/2006 To 9/13/2006 1 out of 1 (100%) samples outside MWCF regional criteria. LASAR 33886 River Mile 40.5 FROM 9/14/2006 To 9/14/2006 1 out of 1 (100%) samples ou	
Dissolved Oxygen-Spawning	Category 4A	Record ID: 20937- 2012 Data: [DEQ] STATION 10362 at RM 4.4 from 05/14/2006 to 05/13/2011, 14 of 15 (93%) samples < 11.0 mg/l and < 95% saturation. [DEQ] STATION 10917 at RM 7.3 from 02/01/2000 to 04/12/2011, 31 of 60 (52%) samples < 11.0 mg/l and < 95% saturation. [DEQ	

Assessment	IR_category	Rationale	Monitoring_locations
E. coli	Category 4A	Record ID: 24862- Based on EPA analysis of available data for 303(d) additions proposed in March 2012: Two exceedences of the 406 maximum criteria out of 12 days of sampling at LASAR station 11535, Pudding River at Hazel Green Road, between 11/20/03 and 1/31/06. Six exce	36056-ORDEQ; 36058-ORDEQ
Temperature- Year Round	Category 5	Record ID: 12957- 2004 Data: [DEQ] LASAR 25784 River Mile 1.4: From 6/17/2001 to 8/31/2001, 4 days with 7-day-average maximum > 18 degrees Celsius.	
Dissolved Oxygen-Spawning	Category 4A	8 of 9 samples < 11 mg/L and 95% sat	31878-ORDEQ
Dissolved Oxygen-Year Round	Category 4A	4 out of 14 samples < cool water criteria	31878-ORDEQ
Temperature- Year Round	Category 5	48 of 228 7DADM values exceed standard	31878-ORDEQ
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 24892- Based on EPA analysis of available data for 303(d) additions proposed in March 2012: Eleven exceedences in 11 days of the human health criterion at LASAR station 31875, Little Pudding River at Rambler Road, between 2/8/05 and 6/14/07.	
DDT 4,4'- Human Health Criteria	Category 4A	Record ID: 23110- Based on EPA analysis of available data for 303(d) additions proposed in March 2012 using Table 40: Nine exceedences in 9 days of the human health criterion at LASAR station 31875, Little Pudding River at Rambler Road, between 2/8/05 and 6/14/07.	

Assessment	IR_category	Rationale	Monitoring_locations
Diazion- Aquatic Life Criteria	Category 5	Record ID: 6185- DEQ Data	
Dissolved Oxygen-Spawning	Category 4A	19 of 22 samples < 11 mg/L and 95% sat	31875-ORDEQ
E. coli	Category 4A	2 of 5 samples > 406 organisms per 100 mL	31875-ORDEQ
Dissolved Oxygen-Spawning	Category 4A	5 of 9 samples < 11 mg/L and 95% sat	32057-ORDEQ
Temperature-Spawning	Category 5	17 of 241 spawning period 7DADM values exceed spawning criteria	32057-ORDEQ
Temperature- Year Round	Category 5	82 of 405 7-DADM values > criteria	32057-ORDEQ
Dissolved Oxygen-Spawning	Category 4A	4 of 13 samples < 11 mg/L and 95% sat	10646-ORDEQ
Dissolved Oxygen-Year Round	Category 4A	4 out of 17 samples < cold water criteria Record ID: 6094- Previous Data: DEQ Data (Site 402323; RM 1.2): 33% (3 of 9) Summer values exceeded fecal coliform standard (400) with a maximum value of 1100 between 1989 - 1993.	10646-ORDEQ
Fecal Coliform	Category 4A		
Temperature- Year Round	Category 5	49 of 266 7DADM values exceed criteria	12210-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 4A	Carried forward from previous listing Record ID: 12985- 2004 Data:	
Temperature- Year Round	Category 5	[DEQ] LASAR 23861 River Mile 19: From 6/16/2000 to 9/17/2000, 61 days with 7-day-average maximum > 16 degrees Celsius. Record ID: 24286- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 26803 River Mile 2.1 FROM 9/4/2002 To 9/4/2002 1 out of 1 (100%) samples outside MWCF regional criteria.	
BioCriteria	Category 5	Record ID: 25213- 2012 Data: [ODEQ] STATION 10896 at RM 1.3 for 6 samples from 02/08/2005 to 04/26/2007, 2 of 6 valid samples exceed the 1000 ug/L criteria. [ODEQ] STATION 31874 at RM 16.1 for 8 samples from 02/08/2005 to 04/26/2007, 1 of 8 valid samples exceed the 100	
Iron (total)- Aquatic Life Criteria	Category 4A		
pH	Category 5	4 of 18 results < 6.5 standard	10896-ORDEQ; 40122-ORDEQ
Temperature- Year Round	Category 5	82 of 378 7-DADM values > criteria	40122-ORDEQ
Dieldrin- Human Health Criteria	Category 5	Record ID: 7588- Previous Data: USGS Data chlopyrfos, dieldrin, lindane and malathion were detected, but not above water quality standards. No beneficial use impairment studies available. Atrazine, Bromacil, Cycloate, Desethylatrazine, Desisoproylatrazine, Diphenami	

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 4A	13 of 24 samples < 11 mg/L and 95% sat	10640-ORDEQ
Iron (total)- Aquatic Life Criteria	Category 4A	4 of 19 samples > 1000 µg/L Record ID: 24495- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 26860 (R0CE99-059) 1 out of 1 (100%) samples outside the Cascades Ecoregion criteria, data collected in 2002.	
Sedimentation Temperature-Spawning	Category 5	Carried forward from previous listing Record ID: 12969- 2004 Data: [DEQ] LASAR 25780 River Mile 26.8: From 6/16/2001 to 8/14/2001, 52 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 24495- 2010 Data: EPA addition to 303(d) list 12/14/2012: Lasar Station 26860 (R0CE99-059) 1 out of 1 (100%) samples outside the Cascades Ecoregion criteria, data collected in 2002.	
Sedimentation Temperature-Spawning	Category 5	Carried forward from previous listing Record ID: 12893- 2004 Data: [DEQ] LASAR 21874 River Mile 2.4: From 7/26/1999 to 8/14/1999, 20 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5	[DEQ] LASAR 26860 River Mile 0.4: From 6/29/2002 to 8/14/2002, 31 days with 7-day-average maximum > 16 degrees Celsius.	

Assessment	IR_category	Rationale	Monitoring_locations
DDT 4,4'- Aquatic Life Criteria	Category 4A	Doesn't meet minimum delisting requirements. Move to cat 3B due to not enough data to delist Record ID: 6797- Previous Data: USGS Data: (Site 14202000, at Aurora): 2 of 4 values, at or above detection, with an average of 0.0015 ug/l exceeded DDT standard (0.001 ug/l - fresh water chronic criteria, .024 ng/l water and fish ingestion criteria) between 5/25 - 11/	
DDT 4,4'- Human Health Criteria	Category 4A	Record ID: 7588- Previous Data: USGS Data chlopyrfos, dieldrin, lindane and malathion were detected, but not above water quality standards. No beneficial use impairment studies available.	
Dieldrin- Human Health Criteria	Category 5	Atrazine, Bromacil, Cycloate, Desethylatrazine, Desisoproylatrazine, Diphenami	
Dissolved Oxygen-Spawning	Category 4A	29 of 59 samples < 11 mg/L and 95% sat	10362-ORDEQ; 10917-ORDEQ
Guthion- Aquatic Life Criteria	Category 5	Doesn't meet minimum delisting requirements. Move to cat 3B due to not enough data to delist	
Iron (total)- Aquatic Life Criteria	Category 4A	5 of 19 samples > 1000 µg/L	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12968- 2004 Data: [DEQ] LASAR 23860 River Mile 60.1: From 6/11/2000 to 9/3/2000, 39 days with 7-day-average maximum > 18 degrees Celsius. [DEQ/SECOR] LASAR 10917 River Mile 7.3: From 6/15/2001 to 9/30/2002, 200 days with 7-day-average maximum > 18 degrees Ce	
Flow Modification	Category 4C	Record ID: 6345- Spring Chinook populations are declining and are a stock of concern with low flows and high temperatures identified as concerns (ODFW, 92); IWR (62322) is often not met at USGS gage (14200000).	
Chromium VI- Aquatic Life Criteria	Category 5	Record ID: 25886- 2012 Data: [USGS] STATION 453229123101101 at RM 7.3 for 56 samples from 05/09/2006 to 12/01/2010, 2 of 56 valid samples exceed the 11 ug/L criteria	
Dissolved Oxygen- Spawning	Category 4A	366 of 632 7-DADM values < spawning criteria; 44 samples < absolute minimum of 9.0 mg/L	4.5304E+14
E. coli	Category 4A	74 geometric means > 126 organisms per 100 mL; 30 of 439 samples > 406 organisms per 100 mL	14204530; 4.53E+14
Iron (total)- Aquatic Life Criteria	Category 5	27 of 96 samples > 1000 µg/L	
Phosphorus- Aquatic Life Criteria	Category 4A	Record ID: 6444- Previous Data: USA Data (2 Sites: 3810012, 3810260; RM 1.2, 24.3): 67% (47 of 70), 17% (1 of 6) Summer values respectively exceeded phosphorus TMDL standard (45 ug/l) with maximum values of 76.0, 50.0 between 7/93 - 10/95.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature-Spawning	Category 4A	106 out of 1983 spawning period 7DADM values exceed criteria	4.53E+14
Temperature- Year Round	Category 4A	783 out of 3439 7DADM values exceed criteria	4.53E+14
Chlorophyll-a	Category 4A	Record ID: 6263- Previous Data: USA Data (5 Sites: RM 45.0-67.8): 2%(2 of 118); 3 month average above standard in 92/1%(1 of 152)/0%(0 of 17, 169, 37) Summer values respectively exceeded chlorophyll a standard (15 ug/l) with maximum values of 38, 20 between 1986 - 1995.	14204660
E. coli	Category 4A	37 geometric means > 126 organisms per 100 mL; 18 of 454 samples > 406 organisms per 100 mL	14203500; 14204660; 14204800; 34863-ORDEQ; 34864-ORDEQ
Iron (total)- Aquatic Life Criteria	Category 5	51 of 141 samples > 1000 µg/L	
Phosphorus-Aquatic Life Criteria	Category 4A	Record ID: 6459- Previous Data: USA Data (4 Sites: 3701420, 3701528, 3701588, 3701678; RM 45 - 67.8): 100%(71 of 71); 33%(29 of 89); 13%(12 of 89); 18%(11 of 61) Summer values respectively exceeded phosphorus TMDL standard (20 - 45 ug/l) with maximums of 38 - 213 between	
Chlorophyll-a	Category 4A	Record ID: 6263- Previous Data: USA Data (5 Sites: RM 45.0-67.8): 2%(2 of 118); 3 month average above standard in 92/1%(1 of 152)/0%(0 of 17, 169, 37) Summer values respectively exceeded chlorophyll a standard (15 ug/l) with maximum values of 38, 20 between 1986 - 1995.	

Assessment	IR_category	Rationale	Monitoring_locations
Phosphorus-Aquatic Life Criteria	Category 4A	Record ID: 6459- Previous Data: USA Data (4 Sites: 3701420, 3701528, 3701588, 3701678; RM 45 - 67.8): 100%(71 of 71); 33%(29 of 89); 13%(12 of 89); 18%(11 of 61) Summer values respectively exceeded phosphorus TMDL standard (20 - 45 ug/l) with maximums of 38 - 213 between	
BioCriteria	Category 5	Record ID: 24293- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 29034 River Mile 9.7 FROM 9/3/2002 To 9/3/2002 1 out of 1 (100%) samples outside MWCF regional criteria.	
Dissolved Oxygen-Spawning	Category 4A	Record ID: 25459- 2012 Data: [USGS] STATION 452959123145801 at RM 8.4 from 03/30/2005 to 03/30/2005, 0 of 1 (0%) samples < 11.0 mg/l and < 95% saturation	
Ammonia- Aquatic Life Criteria	Category 5	Record ID: 7085- Previous Data: USA Data (Site 3805015; RM 1.5): 8% (5 of 64) Summer values exceeded ammonia TMDL standard (30) between 7/93 - 11/95;	
Phosphorus-Aquatic Life Criteria	Category 4A	Record ID: 6456- Previous Data: USA Data (2 Sites: 3805015, 3805048; RM 1.5, 4.8): 3% (2 of 61), 0% (0 of 61) Summer values respectively exceeded phosphorus TMDL standard (60 ug/l) with a maximum value of 86.0 ug/l between 7/93 - 10/95.	
Temperature-Spawning	Category 4A	261 of 2110 7-DADM values > spawning criteria	14202980
Temperature- Year Round	Category 4A	64 of 3612 7-DADM values > criteria	14202980

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 4A	253 of 283 7-DADM values < 11 mg/L and 95% sat; 188 samples < absolute minimum of 9.0 mg/L	14202650
Dissolved Oxygen-Year Round	Category 4A	42 of 276 30-D; 63 of 563 7-D; and 41 of 643 absolute minimum values < cool water criteria	14202650
Temperature- Year Round	Category 4A	92 of 573 7-DADM values > criteria	14202650
Ammonia- Aquatic Life Criteria	Category 5	Record ID: 7307- Previous Data: USA Data (Site 3816024; RM 10.4): 20% (12 of 60) Summer values exceeded ammonia TMDL standard (40) between 7/93 - 11/95. Record ID: 20953- 2010 Data: EPA addition to 303(d) list 12/14/2012: Twenty-four exceedences of the spawning criteria out of 35 days of sampling collection between 5/99 and 4/08 at USGS station 14206180. Five exceedences of the spawning criteria out of 6 days of samplin	
Dissolved Oxygen-Spawning	Category 4A	Record ID: 25383- 2012 Data: [USGS] STATION 453158123001701 at RM 1.2 from 05/06/2008 to 12/20/2011, 18 of 142 (13%) samples < 6.5 mg/L. [USGS] STATION 14206180 at RM 2.2 from 05/02/2000 to 04/08/2008, 39 of 240 (16%) samples < 6.5 mg/L.	
Dissolved Oxygen-Year Round	Category 4A	[USGS] STATION 14206070 at RM 140 geometric means > 126 organisms per 100 mL; 42 of 218 samples > 406 organisms per 100 mL	
E. coli	Category 4A		14206070; 14206180; 4.53E+14
Iron (total)- Aquatic Life Criteria	Category 5	16 of 47 samples > 1000 µg/L	

Assessment	IR_category	Rationale	Monitoring_locations
Phosphorus-Aquatic Life Criteria Temperature- Year Round	Category 4A	Record ID: 6452- Previous Data: USA Data (2 Sites: 3816024, 3816160; RM 10.4, 16.0): 98% (60 of 61), 13% (4 of 31) Summer values respectively exceeded phosphorus TMDL standard (45 ug/l) with maximum values of 186.0, 92.0 between 7/93 - 10/95.; Record ID: 6453- Previous Data: USA Data (Site 3816230; RM 23.0): 0% (0 of 6) Summer values exceeded phosphorus TMDL standard (45 ug/l) between 7/93 - 10/95. Record ID: 5997- Previous Data: USEPA approval date: 08/7/2001 Record ID: 23769- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 25779 River Mile 17 FROM 8/13/2001 To 8/13/2001 1 out of 1 (100%) samples outside MWCF regional criteria.	
BioCriteria	Category 5		
Dissolved Oxygen-Spawning	Category 4A	Record ID: 24574- 2012 Data: [USGS] STATION 453535123035001 at RM 3 from 05/04/2005 to 11/05/2008, 5 of 11 (45%) samples < 11.0 mg/l and < 95% saturation. [USGS] STATION 14205400 at RM 12.6 from 12/06/2001 to 03/18/2010, 2 of 34 (6%) samples < 11.0 mg/l and < 95% saturation. Record ID: 6439- Previous Data: USA Data (2 Sites: 3818084, 3818168; RM 8.4, 16.0): 27% (9 of 33), 100% (6 of 6) Summer values exceeded phosphorus TMDL standard (45 ug/l) with maximum values of 94.0, 90.0 respectively between 7/93 - 10/95.	
Phosphorus-Aquatic Life Criteria	Category 4A		

Assessment	IR_category	Rationale	Monitoring_locations
Temperature-Spawning	Category 4A	29 of 1148 spawning period 7DADM values exceed spawning criteria	14205400
Temperature- Year Round	Category 4A	189 of 2059 7-DADM values > criteria Record ID: 25843- 2012 Data: [USGS] STATION 453158123001701 at RM 1.2 for 36 samples from 05/06/2008 to 12/01/2010, 6 of 36 valid samples exceed the 2.1 ug/L criteria.	14205400
Arsenic, Inorganic-Human Health Criteria	Category 5	[USGS] STATION 14206180 at RM 2.1 for 23 samples from 05/03/2006 to 04/08/2008, 1 of 22 valid samples	
Phosphorus-Aquatic Life Criteria	Category 4A	Record ID: 6453- Previous Data: USA Data (Site 3816230; RM 23.0): 0% (0 of 6) Summer values exceeded phosphorus TMDL standard (45 ug/l) between 7/93 - 10/95.	
Ammonia- Aquatic Life Criteria	Category 5	Record ID: 7287- Previous Data: USA Data (Site 3815020; RM 2.0): 11% (10 of 94) Summer values exceeded ammonia TMDL standard (40) between 7/93 - 11/95.	
Dissolved Oxygen-Year Round	Category 4A	3 of 1373 30-D; 0 of 1491 7-D; and 0 of 1527 absolute minimum values < cool water criteria	453113123003501
E. coli	Category 4A	154 geometric means > 126 organisms per 100 mL; 62 of 425 samples > 406 organisms per 100 mL	14205850; 14206200
Iron (total)- Aquatic Life Criteria	Category 5	72 of 96 samples > 1000 µg/L	

Assessment	IR_category	Rationale	Monitoring_locations
Phosphorus-Aquatic Life Criteria Temperature- Year Round	Category 4A	Record ID: 6440- Previous Data: USA Data (Site 3815020; RM 2.0): 100% (88 of 88) Summer values exceeded phosphorus TMDL standard (45 ug/l) with a maximum value of 226.0 ug/l between 7/93 - 10/95.	
	Category 4A	180 out of 1504 7DADM values exceed criteria	4.53E+14
Dissolved Oxygen- Year Round	Category 4A	Carried forward from previous listing Record ID: 6935- Previous Data: USEPA approval date: 08/7/2001	
E. coli	Category 4A	Record ID: 6442- Previous Data: USA Data (Site 3817063; RM 6.8): 100% (8 of 8) Summer values exceeded phosphorus TMDL standard (45 ug/l) with a maximum value of 104 ug/l between 7/93 - 10/95.	
Phosphorus-Aquatic Life Criteria Temperature- Year Round	Category 4A	Record ID: 5987- Previous Data: USEPA approval date: 08/7/2001	
Dissolved Oxygen- Year Round	Category 4A	Carried forward from previous listing Record ID: 6935- Previous Data: USEPA approval date: 08/7/2001	
E. coli	Category 4A	Record ID: 6442- Previous Data: USA Data (Site 3817063; RM 6.8): 100% (8 of 8) Summer values exceeded phosphorus TMDL standard (45 ug/l) with a maximum value of 104 ug/l between 7/93 - 10/95.	
Phosphorus-Aquatic Life Criteria Temperature- Year Round	Category 4A	Record ID: 5987- Previous Data: USEPA approval date: 08/7/2001	

Assessment	IR_category	Rationale	Monitoring_locations
Ammonia- Aquatic Life Criteria	Category 5	Record ID: 7308- Previous Data: USA Data (Site 3820015; RM 1.2): 0% (0 of 93) Summer values exceeded ammonia TMDL standard (100) between 7/93 - 11/95.	
BioCriteria	Category 5	Record ID: 6134- Previous Data: The TMDL document contained a section describing how the conditions leading to this impairment would be dealt with though other pollutant listings (temperature and nutrients) and measures put in place to address habitat modification.	
Dissolved Oxygen-Spawning	Category 4A	1222 of 1599 7-DADM values < 11 mg/L and 95% sat; 513 samples < absolute minimum of 9.0 mg/L	4.5303E+14
Dissolved Oxygen-Year Round	Category 4A	461 of 3177 30-D; 107 of 3522 7-D; and 7 of 3617 absolute minimum values < cool water criteria	453030122560101
E. coli	Category 4A	166 geometric means > 126 organisms per 100 mL; 50 of 212 samples > 406 organisms per 100 mL	4.53E+14
Iron (total)- Aquatic Life Criteria	Category 5	17 of 49 samples > 1000 µg/L	
Phosphorus-Aquatic Life Criteria	Category 4A	Record ID: 6455- Previous Data: USA Data (3 Sites: 3820015, 3820047, 3820145; RM 1.5 - 14.5): 100%(88 of 88), 100%(70 of 70), 50%(4 of 8) Summer values respectively exceeded phosphorus TMDL standard (70 ug/l) with maximum values of 339.0, 457.0,180.0 between 7/93 - 10/	
Temperature- Year Round	Category 4A	869 out of 3580 7DADM values exceed criteria	4.53E+14

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Record ID: 6129- Previous Data: The TMDL document contained a section describing how the conditions leading to this impairment would be dealt with though other pollutant listings (temperature and nutrients) and measures put in place to address habitat modification.	
Dissolved Oxygen-Spawning	Category 4A	1553 of 1594 7-DADM values < 11 mg/L and 95% sat; 1180 samples < absolute minimum of 9.0 mg/L	4.53004E+14
Dissolved Oxygen-Year Round	Category 4A	1187 of 2810 30-D; 1168 of 3423 7-D; and 687 of 3597 absolute minimum values < cool water criteria	453004122510301
E. coli	Category 4A	104 geometric means > 126 organisms per 100 mL; 53 of 363 samples > 406 organisms per 100 mL	10480-ORDEQ; 14206435; 4.53E+14
Iron (total)- Aquatic Life Criteria	Category 5	28 of 112 samples > 1000 µg/L	
Phosphorus-Aquatic Life Criteria	Category 4A	Record ID: 6429- Previous Data: USA Data (4 Sites: 3821012, 3821050, 3821059, 3821062; RM 1.2 -6.2): 99% (69 of 70); 100% (9 of 9); 100% (7 of 7); 100% (9 of 9) Summer values respectively exceeded phosphorus TMDL standard (70 ug/l) with maximums of 180, 374, 279, 1140 f	
Temperature- Year Round	Category 4A	1038 of 3633 7-DADM values > criteria	4.53E+14
Fecal Coliform	Category 4A	Record ID: 6939- Previous Data: USEPA approval date: 08/7/2001; Record ID: 7048- Previous Data: USEPA approval date: 08/7/2001	

Assessment	IR_category	Rationale	Monitoring_locations
Phosphorus-Aquatic Life Criteria	Category 4A	Record ID: 6446- Previous Data: USA Data (Site 3813001; RM 0.1): 93% (27 of 29) Summer values exceeded phosphorus standard (45 ug/l) with a maximum value of 216.0 ug/l between 7/93 - 10/95.	
Ammonia- Aquatic Life Criteria	Category 5	Record ID: 7308- Previous Data: USA Data (Site 3820015; RM 1.2): 0% (0 of 93) Summer values exceeded ammonia TMDL standard (100) between 7/93 - 11/95.	
BioCriteria	Category 5	Record ID: 6134- Previous Data: The TMDL document contained a section describing how the conditions leading to this impairment would be dealt with though other pollutant listings (temperature and nutrients) and measures put in place to address habitat modification.	
Chlorophyll-a	Category 4A	Record ID: 6261- Previous Data: USEPA approval date: 08/7/2001	
Dissolved Oxygen-Spawning	Category 4A	Record ID: 24555- 2012 Data: [USGS] STATION 14206347 at RM 4.6 from 05/03/2004 to 05/03/2004, 1 of 1 (100%) samples < 11.0 mg/l and < 95% saturation. [USGS] STATION 14206445 at RM 4.6 from 01/12/2000 to 05/11/2011, 56 of 111 (50%) samples < 11.0 mg/l and < 95% saturation	
Dissolved Oxygen-Year Round	Category 4A	Record ID: 12105- 2012 Data: [USGS] STATION 14206450 at RM 1.2 from 01/12/2000 to 03/04/2003, 15 of 121 (12%) samples < 6.5 mg/L. [USGS] STATION 453030122560101 at RM 2.3 from 05/28/2003 to 12/20/2011, 15 of 328 (5%) samples < 6.5 mg/L. [USGS] STATION 14206347 at RM 4.	

Assessment	IR_category	Rationale	Monitoring_locations
E. coli	Category 4A	85 geometric means > 126 organisms per 100 mL; 26 of 151 samples > 406 organisms per 100 mL Record ID: 6455- Previous Data: USA Data (3 Sites: 3820015, 3820047, 3820145; RM 1.5 - 14.5): 100%(88 of 88), 100%(70 of 70), 50%(4 of 8) Summer values respectively exceeded phosphorus TMDL standard (70 ug/l) with maximum values of 339.0, 457.0, 180.0	14206445
Phosphorus-Aquatic Life Criteria	Category 4A	Record ID: 6000- Previous Data: USEPA approval date: 08/7/2001	
Temperature- Year Round	Category 4A	Record ID: 6000- Previous Data: USEPA approval date: 08/7/2001	
Dissolved Oxygen-Spawning	Category 4A	Carried forward from previous listing Record ID: 25819- 2012 Data:	
Dissolved Oxygen-Year Round	Category 4A	[USGS] STATION 14206670 at RM 0.9 from 05/16/2006 to 09/20/2011, 24 of 119 (20%) samples < 6.5 mg/L	
E. coli	Category 4A	69 geometric means > 126 organisms per 100 mL; 25 of 89 samples > 406 organisms per 100 mL Record ID: 6940- Previous Data: USEPA approval date: 08/7/2001; Record ID: 6989- Previous Data: USEPA approval date: 08/7/2001	14206670
Fecal Coliform	Category 4A	Record ID: 6940- Previous Data: USEPA approval date: 08/7/2001; Record ID: 6989- Previous Data: USEPA approval date: 08/7/2001	
Iron (total)- Aquatic Life Criteria	Category 5	19 of 21 samples > 1000 µg/L	

Assessment	IR_category	Rationale	Monitoring_locations
Phosphorus-Aquatic Life Criteria	Category 4A	Record ID: 6451- Previous Data: USA Data (Site 3811010; RM 1.0): 93% (27 of 29) Summer values exceeded phosphorus TMDL standard (45 ug/l) with a maximum value of 232.0 ug/l between 7/93 - 10/95.	
Dissolved Oxygen-Year Round	Category 4A	Record ID: 25819- 2012 Data: [USGS] STATION 14206670 at RM 0.9 from 05/16/2006 to 09/20/2011, 24 of 119 (20%) samples < 6.5 mg/L	
Fecal Coliform	Category 4A	Record ID: 6989- Previous Data: USEPA approval date: 08/7/2001	
Phosphorus-Aquatic Life Criteria	Category 4A	Record ID: 6451- Previous Data: USA Data (Site 3811010; RM 1.0): 93% (27 of 29) Summer values exceeded phosphorus TMDL standard (45 ug/l) with a maximum value of 232.0 ug/l between 7/93 - 10/95.	
E. coli	Category 4A	56 geometric means > 126 organisms per 100 mL; 23 of 638 samples > 406 organisms per 100 mL	10461-ORDEQ; 14206241; 14206440; 1420650C
Fecal Coliform	Category 4A	Record ID: 6098- Previous Data: USEPA approval date: 08/7/2001; Record ID: 6099- Previous Data: USEPA approval date: 08/7/2001; Record ID: 6102- Previous Data: USEPA approval date: 08/7/2001; Record ID: 6916- Previous Data: USEPA approval date: 08/7/2001; Record ID: 6965- Previous Data: USEPA approval date: 08/7/2001; Record ID: 6968- Previous Data: USEPA approval date: 08/7/2001	
Iron (total)- Aquatic Life Criteria	Category 5	83 of 158 samples > 1000 µg/L	

Assessment	IR_category	Rationale	Monitoring_locations
Methylmercury- Human Health Criteria	Category 4A	Arithmetic mean > 0.04 mg/kg (0.365) Record ID: 6458- Previous Data: USA Data (10 Sites: RM 0.2 - 38.5): 83 - 100% (10 - 135 of 12 - 140) Summer values exceeded phosphorus TMDL standard (50 - 70 ug/l) with maximum values of 125 - 750 between 7/93 - 10/95. DEQ Data available.	NRSA0809-OR028; NRSA1314-ORR9-0912
Phosphorus- Aquatic Life Criteria	Category 4A	Record ID: 5979- Previous Data: USEPA approval date: 08/7/2001	
Temperature- Year Round	Category 4A	Record ID: 7290- Previous Data: USA Data (Site 3835020; RM 2.0): 1% (1 of 75) Summer values exceeded ammonia TMDL standard (100) between 7/93 - 11/95.	
Ammonia- Aquatic Life Criteria	Category 5	Record ID: 6132- Previous Data: The TMDL document contained a section describing the conditions leading to this impairment would be dealt with though other pollutant listings (temperature and nutrients) and measures put in place to address habitat modification. 195 of 202 7-DADM values < 11 mg/L and 95% sat; 141 samples < absolute minimum of 9.0 mg/L	
BioCriteria	Category 5		
Dissolved Oxygen- Spawning	Category 4A		4.5223E+14
Dissolved Oxygen- Year Round	Category 4A	167 of 672 30-D; 66 of 856 7-D; and 10 of 904 absolute minimum values < cool water criteria 146 geometric means > 126 organisms per 100 mL; 32 of 218 samples > 406 organisms per 100 mL	452230122512201
E. coli	Category 4A		14206750

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 4A	Record ID: 6100- Previous Data: USEPA approval date: 08/7/2001; Record ID: 6959- Previous Data: USEPA approval date: 08/7/2001; Record ID: 6978- Previous Data: USEPA approval date: 08/7/2001	
Iron (total)- Aquatic Life Criteria	Category 5	32 of 49 samples > 1000 µg/L Record ID: 6434- Previous Data: USA Data (Site 3823011; RM 1.1): 100% (9 of 9) Summer values exceeded phosphorus TMDL standard (70.0 ug/l) with a maximum value of 507.0 ug/l between 7/93 - 10/95.	
Phosphorus- Aquatic Life Criteria	Category 4A		
Temperature- Year Round	Category 4A	210 of 856 7-DADM values > criteria	4.52E+14
Copper- Aquatic Life Criteria	Category 5	15 of 55 Cu-D samples > criteria - critical # of exceedances = 6 (all tier 5) Record ID: 21924- Previous Data: USGS] Site 14206950 River Mile 1.1: From 3/1/1993 to 9/18/2001, 4 out of 31 samples > applicable Table 20 criterion.	
Dieldrin- Human Health Criteria	Category 5	1064 of 1489 7-DADM values < 11 mg/L and 95% sat; 530 samples < absolute minimum of 9.0 mg/L	14206950
Dissolved Oxygen- Spawning	Category 4A	208 of 1987 30-D; 146 of 3234 7-D; and 34 of 3594 absolute minimum values < cool water criteria	14206950
Dissolved Oxygen- Year Round	Category 4A	183 geometric means > 126 organisms per 100 mL; 53 of 218 samples > 406 organisms per 100 mL	14206950
E. coli	Category 4A		14206950

Assessment	IR_category	Rationale	Monitoring_locations
Iron (total)- Aquatic Life Criteria	Category 5	22 of 49 samples > 1000 µg/L	
Phosphorus- Aquatic Life Criteria	Category 4A	Record ID: 6443- Previous Data: USA Data (4 Sites: 3840008, 3840055, 3840074, 3840095; RM 0.8 - 9.5): 100%(88 of 88); 100%(26 of 26); 100%(70 of 70, 70) Summer values exceeded phosphorus TMDL standard (70 ug/l) with maximum values of 269, 232, 325, 554 respectively from	
Temperature- Spawning	Category 4A	225 out of 1229 spawning period 7DADM values exceed criteria	14206950
Temperature- Year Round	Category 4A	837 out of 3248 7DADM values exceed criteria	14206950
Tetrachloroethylene- Human Health Criteria	Category 5	Record ID: 7182- 2012 Data: [USGS] STATION 14206950 at RM 1.1 for 18 samples from 10/01/2001 to 09/24/2002, 9 of 18 valid samples exceed the 0.24 ug/L criteria Previous Data: Tetrachloroethylene was found in elevated levels, however, below the water quality standar	
Temperature- Spawning	Category 5	40 of 105 spawning period 7DADM values exceed spawning criteria.	MHNF-027; MHNF-044; MHNF-061
Temperature- Year Round	Category 5	316 of 484 7-DADM values > criteria	MHNF-027; MHNF-044; MHNF-061

Assessment	IR_category	Rationale	Monitoring_locations
		Record ID: 23368- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 35719 River Mile 6.8 FROM 8/12/1998 To 8/12/1998 1 out of 1 (100%) samples outside WCCP regional criteria. Previous DEQ 2010 Data: LASAR 35730 River Mile 1.65 FROM 8/12/1998 To 8/12/1998 0 ou	
BioCriteria Temperature- Year Round	Category 5	136 of 398 7-DADM values > criteria	MHNF-026; MHNF-090
Temperature- Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	28 of 154 7DADM values exceed criteria	MHNF-063; MHNF-064
		Record ID: 23726- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33906 River Mile 59.41 FROM 9/6/2006 To 9/6/2006 1 out of 1 (100%) samples outside WCCP regional criteria.	
BioCriteria Temperature- Year Round	Category 5	64 of 186 7-DADM values > criteria	MHNF-101
Temperature- Spawning	Category 5	68 of 223 7-DADM values > spawning criteria	MHNF-021
Temperature- Year Round	Category 5	106 of 494 7-DADM values > criteria	MHNF-021
Temperature- Spawning	Category 5	189 of 3417 7-DADM values > spawning criteria	14209710; MHNF-018; MHNF-019; MHNF-022
Temperature- Year Round	Category 5	298 of 5318 7-DADM values > criteria	14209710; MHNF-018; MHNF-019; MHNF-020; MHNF-022

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 6370- Two salmonid populations, late run winter coho and native winter steelhead, are in decline. Large Woody Debris and pool habitat are below desired conditions (Fish Creek Watershed Analysis, USFS, 1994)	
Temperature- Year Round	Category 5	Record ID: 12834- 2004 Data: [DEQ] LASAR 21871 River Mile 7.5: From 6/16/1999 to 8/29/1999, 0 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 21872 River Mile 4.6: From 6/16/1999 to 8/29/1999, 37 days with 7-day-average maximum > 16 degrees Celsius.	
Habitat Modification	Category 4C	Record ID: 6370- Two salmonid populations, late run winter coho and native winter steelhead, are in decline. Large Woody Debris and pool habitat are below desired conditions (Fish Creek Watershed Analysis, USFS, 1994)	
Temperature- Spawning	Category 5	23 of 122 spawning 7DADM values exceed spawning criteria	MHNF-039
Temperature- Year Round	Category 5	86 of 122 7-DADM values > criteria	MHNF-039
Temperature- Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	Record ID: 12877- 2004 Data: [DEQ] LASAR 25777 River Mile 5.7: From 6/16/2001 to 8/31/2001, 58 days with 7-day-average maximum > 16 degrees Celsius.	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12865- 2004 Data: [USFS-W/F] LASAR 31071 River Mile 0.1: From 7/13/2002 to 9/6/2002, 26 days with 7-day- average maximum > 16 degrees Celsius.; Record ID: 12867- 2004 Data: [BLM - Salem] LASAR 31089 River Mile 0.6: From 7/3/2000 to 9/16/2002, 68 days with 7-day- average maximum > 16 degrees Celsius. [DEQ] LASAR 21870 River Mile 2.6: From 7/11/1999 to 8/29/1999, 35 days with 7-day- average maximum > 16 degrees Ce	
BioCriteria	Category 5	Record ID: 23715- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 21629 River Mile 4.1 FROM 9/17/1999 To 9/17/1999 1 out of 1 (100%) samples outside MWCF regional criteria. LASAR 21630 River Mile 4.5 FROM 9/17/1999 To 9/17/1999 1 out of 1 (100%) samples outsi	
E. coli	Category 4A	Record ID: 9365- Previous Data: Clackamas county data. Site 502 RM 6.7: 3/8 samples > 406.	
BioCriteria	Category 5	Record ID: 23401- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 30346 River Mile 2.6 FROM 8/11/2003 To 3/18/2004 2 out of 2 (100%) samples outside MWCF regional criteria.	

Assessment	IR_category	Rationale	Monitoring_locations
DDE 4,4'- Human Health Criteria	Category 4A	Record ID: 7802- 2012 Data: [USGS] STATION 14211550 at RM 0.8 for 6 samples from 03/11/2002 to 03/13/2002, 4 of 4 valid samples exceed the 0.000022 ug/L criteria. [USGS] STATION 452743122365400 at RM 3 for 3 samples from 03/11/2002 to 03/12/2002, 3 of 3 valid samples e	
DDT 4,4'- Human Health Criteria	Category 4A	Record ID: 7336- 2012 Data: [USGS] STATION 14211550 at RM 0.8 for 6 samples from 03/11/2002 to 03/13/2002, 4 of 4 valid samples exceed the 0.000022 ug/L criteria. [USGS] STATION 452743122365400 at RM 3 for 3 samples from 03/11/2002 to 03/12/2002, 3 of 3 valid samples e	
Dieldrin- Human Health Criteria	Category 4A	Record ID: 9294- 2012 Data: [USGS] STATION 14211550 at RM 0.8 for 6 samples from 03/11/2002 to 03/13/2002, 6 of 6 valid samples exceed the 0.0000053 ug/L criteria. [USGS] STATION 452743122365400 at RM 3 for 3 samples from 03/11/2002 to 03/12/2002, 3 of 3 valid samples	

Assessment	IR_category	Rationale	Monitoring_locations
E. coli	Category 4A	176 geometric means > 126 organisms per 100 mL; 168 of 507 samples > 406 organisms per 100 mL	10852-ORDEQ; 10853-ORDEQ; 10856-ORDEQ; 10857-ORDEQ; 11321-ORDEQ; 11322-ORDEQ; 11323-ORDEQ; 11324-ORDEQ; 11326-ORDEQ; 11327-ORDEQ; 11328-ORDEQ; 11625-ORDEQ; 11626-ORDEQ; 12665-ORDEQ; 28731-ORDEQ; 35600-ORDEQ; 36159-ORDEQ; 37340-ORDEQ; 37342-ORDEQ; 37343-ORDEQ; 37344-ORDEQ; 37384-ORDEQ; PDX_BES-0124; PDX_BES-0188; PDX_BES-0272; PDX_BES-0352; PDX_BES-0444; PDX_BES-0544; PDX_BES-0892; PDX_BES-1184; PDX_BES-1212; PDX_BES-1376; PDX_BES-1404; PDX_BES-1612; PDX_BES-2208; PDX_BES-2320; PDX_BES-2400; PDX_BES-JC-2; PDX_BES-JC-3; PDX_BES-JC-4; PDX_BES-JC-6; PDX_BES-JC-7; PDX_BES-JC15; PDX_BES-JC16; PDX_BES-M2; PDX_BES-TS1
Endosulfan-Aquatic Life Criteria	Category 5	Record ID: 16203- 2012 Data: [Gresham] STATION JCI1 at RM 11.3 for 27 samples from 01/26/2010 to 08/01/2011, 2 of 2 valid samples exceed the 0.056 ug/L criteria. [Gresham] STATION JCI2 at RM 16.5 for 27 samples from 01/26/2010 to 08/01/2011, 5 of 5 valid samples exceed	
Endrin Aldehyde-Year Round	Category 5	Carried forward from previous listing	
Iron (total)- Aquatic Life Criteria	Category 5	4 of 17 samples > 1000 µg/L	

Assessment	IR_category	Rationale	Monitoring_locations
Polychlorinated Biphenyls (PCBs)- Human Health Criteria Polycyclic Aromatic Hydrocarbons (PAHs)- Human Health Criteria	Category 5	Record ID: 9292- Previous Data: [DEQ] LASAR 11326 River Mile 12.3: From 1/7/2002 to 1/7/2002, 0 out of 1 samples > applicable Table 20 criterion. [DEQ] LASAR 11323 River Mile 3.1: From 1/7/2002 to 3/11/2002, 0 out of 2 samples > applicable Table 20 criterion. [DEQ] LA	
Temperature-Spawning	Category 5	Record ID: 9295 742 out of 4286 spawning period 7DADM values exceed criteria	14211500; 14211550; 37384-ORDEQ; 38674-ORDEQ; 38675-ORDEQ; 39204-ORDEQ; 40239-ORDEQ 11321-ORDEQ; 14211400; 14211500; 14211550; 37384-ORDEQ; 38668-ORDEQ; 38670-ORDEQ; 38674-ORDEQ; 38675-ORDEQ; 39204-ORDEQ; 40239-ORDEQ
Temperature- Year Round	Category 5	3382 out of 12105 7DADM values exceed criteria	
Dissolved Oxygen-Spawning	Category 5	10 of 13 samples < 11 mg/L and 95% sat	10623-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
E. coli	Category 4A	Record ID: 8573- 2004 Data: [Clackamas County WES] Site ID 25525 River Mile 0.2: From 1/24/1996 to 4/15/2003, 7 out of 21 samples (33%) > 406 organisms. [Clackamas County WES] Site ID 25524 River Mile 2.3: From 1/24/1996 to 4/15/2003, 4 out of 22 samples (18%) > 406; Record ID: 8580-2004 Data: [Clackamas County WES] Site ID 25530 River Mile 0.3: From 10/16/2001 to 4/15/2003, 4 out of 14 samples (29%) > 406 organisms. [Clackamas County WES] Site ID 25529 River Mile 2.6: From 1/24/1996 to 4/15/2003, 9 out of 19 samples (47%) > 406; Record ID: 21907-2004 Data: [Clackamas County WES] Site ID 25525 River Mile 0.2: From 6/20/2001 to 8/20/2002, 5 out of 5 samples (100%) > 406 organisms. [Clackamas County WES] Site ID 25524 River Mile 2.3: From 6/20/2001 to 8/20/2002, 2 out of 5 samples (40%) > 406 o	
Endrin Aldehyde-Human Health Criteria	Category 5	Carried forward from previous listing	
Dissolved Oxygen-Spawning	Category 5	6 of 8 samples < 11 mg/L and 95% sat	36161-ORDEQ
Aldrin- Human Health Criteria	Category 5	Record ID: 9215- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	10611-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Record ID: 6124- Previous Data: Research conducted in this portion of the river (Sethajintanin, D., Johnson, E.R., Loper, B.R., and Anderson, K.A., (2004) Bioaccumulation Profiles of Chemical Contaminants in Fish from the Lower Willamette River, Portland harbor, Oregon.	
Chlordane- Human Health Criteria	Category 5	All results have detection limits above criteria	10611-ORDEQ
Chlorophyll-a	Category 5	Record ID: 24517- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedence of the 0.015 mg/l criteria (average value 0.018) at LASAR station 10339, Willamette River at Canby Ferry, between 6/20/07 and 8/16/07. Exceedence of the 0.015 mg/l criteria (average value 0. Record ID: 24515- 2010 Data: EPA addition to 303(d) list 12/14/2012: Seventy-five exceedences from samples collected at Portland Harbor Clean up site studies between 4/27/04 and 10/8/07. Data in Storet.	10332-ORDEQ; 10611-ORDEQ; 10801-ORDEQ; 10827-ORDEQ; 38265-ORDEQ; PDX_BES-FM
Cyanide- Aquatic Life Criteria	Category 5		
DDE 4,4'- Human Health Criteria	Category 5	Record ID: 9219- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	10611-ORDEQ
DDT 4,4'- Human Health Criteria	Category 5	Record ID: 7804- Previous Data: USGS 14211720 RM 12.7: 2/9 > criterion of 0.000024 ug/L.; Record ID: 9218- Previous Data: Oregon Health Division fish advisory issued 11/20/01.; Record ID: 7673- STORET Data	10611-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Dieldrin- Human Health Criteria	Category 5	Record ID: 9217- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	10611-ORDEQ; 14211720
Dioxin (2,3,7,8-TCDD)- Human Health Criteria	Category 4A	Record ID: 6765- Previous Data: Dioxin TMDL based on the loading capacity calculated from the water quality standard (0.013 ppq - established to protect human health), discharge estimates from 8 chlorine-bleaching pulp mills in the Columbia R Basin, and a design stream	
Dissolved Oxygen- Year Round	Category 5	0 of 2327 30-D; 12 of 2705 7-D; and 9 of 2795 absolute minimum values < cool water criteria	14211720
E. coli	Category 4A	4 geometric means > 126 organisms per 100 mL; 22 of 1409 samples > 406 organisms per 100 mL	10332-ORDEQ; 10610-ORDEQ; 10611-ORDEQ; 10801-ORDEQ; 18742-ORDEQ; 33606-ORDEQ; 33608-ORDEQ; 33609-ORDEQ; 33613-ORDEQ; 34751-ORDEQ; 36897-ORDEQ; 36898-ORDEQ; PDX_BES-BE; PDX_BES-BM; PDX_BES-BW; PDX_BES-CATHEDRAL; PDX_BES-CE; PDX_BES-CSOWR; PDX_BES-CW; PDX_BES-DE; PDX_BES-DM; PDX_BES-DW; PDX_BES-FE; PDX_BES-FM; PDX_BES-FW; PDX_BES-PORTBOAT; PDX_BES-PORTFIRE; PDX_BES-RIVERPLACE; PDX_BES-SELLWOOD; PDX_BES-WILLPARK
Ethylbenzene- Human Health Criteria	Category 5	Record ID: 7673- STORET Data	10611-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Harmful Algal Blooms	Category 5	Record ID: 60001- OHA Data Record ID: 24516- 2010 Data: EPA addition to 303(d) list 12/14/2012: 32	
Hexachlorobenzen e- Human Health Criteria	Category 5	exceedences from samples collected at Portland Harbor Clean up site between 11/9/2004 and 3/10/07. Data in Storet.	10611-ORDEQ
Iron (total)- Aquatic Life Criteria	Category 5	9 of 94 samples > 1000 µg/L	10332-ORDEQ; 10611-ORDEQ; 10801-ORDEQ; PDX_BES-B; PDX_BES-D; PDX_BES-F
Methylmercury- Human Health Criteria	Category 4A	Arithmetic mean of 6 composite samples < 0.04 mg/kg (samples are crayfish and prawns); Doesn't meet delisting requirements	10332-ORDEQ; 10821-ORDEQ; 38813-ORDEQ; NRSA0809-OR071
Pentachlorophenol- Human Health Criteria	Category 4B		10611-ORDEQ
Polychlorinated Biphenyls (PCBs)- Human Health Criteria	Category 5	Record ID: 9214- Previous Data: Oregon Health Division fish advisory issued 11/20/01.	10611-ORDEQ
Polycyclic Aromatic Hydrocarbons (PAHs)- Human Health Criteria	Category 5	Record ID: 7186	
Temperature- Year Round	Category 5	549 out of 2748 7DADM values exceed criteria	14211720

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 5	15 of 24 samples < 11 mg/L and 95% sat 4 geometric means > 126 organisms per 100 mL; 4 of 12 samples > 406 organisms per 100 mL	37603-ORDEQ; 39104-ORDEQ; 39130-ORDEQ
E. coli	Category 4A		39104-ORDEQ; 39130-ORDEQ
Temperature- Year Round	Category 5	140 out of 198 7DADM values exceed criteria	39130-ORDEQ; 40316-ORDEQ
Dissolved Oxygen-Spawning	Category 5	10 of 31 samples < 11 mg/L and 95% sat	33637-ORDEQ; 34531-ORDEQ; 34532-ORDEQ; 39101-ORDEQ
E. coli	Category 4A	1 geometric mean > 126 organisms per 100 mL; 0 of 8 samples > 406 organisms per 100 mL	39101-ORDEQ
Dissolved Oxygen-Spawning	Category 5	8 of 30 samples < 11 mg/L and 95% sat	37599-ORDEQ; 37604-ORDEQ; 39095-ORDEQ
Temperature- Year Round	Category 5	124 of 197 7-DADM values > criteria	23566-ORDEQ; 37599-ORDEQ
Dissolved Oxygen-Spawning	Category 5	8 of 22 samples < 11 mg/L and 95% sat	23576-ORDEQ; 39096-ORDEQ; 39098-ORDEQ
Temperature- Year Round	Category 5	75 of 98 7-DADM values > criteria	40313-ORDEQ
Methylmercury-Human Health Criteria	Category 4A	Geomean > 0.04 mg/kg (0.20)	10549-ORDEQ; 10550-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 12988- 2004 Data: [DEQ/SECOR] LASAR 26760 River Mile 11.5: From 9/28/2001 to 10/4/2002, 107 days with 7-day-average maximum > 18 degrees Celsius.	
BioCriteria	Category 5	Record ID: 23508- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 21807 River Mile 10 FROM 8/30/1999 To 8/12/2002 2 out of 2 (100%) samples outside MWCF regional criteria. LASAR 33313 River Mile 11.78 FROM 9/5/2006 To 9/5/2006 1 out of 1 (100%) samples outside	
Temperature-Spawning	Category 4A	Carried forward from previous listing	
Temperature- Year Round	Category 4A	Record ID: 8415- Previous Data: TMDL Approved: 8/20/2003	
E. coli	Category 4A	Record ID: 9312- Previous Data: TMDL Approved: 8/20/2003	
BioCriteria	Category 5	Record ID: 23432- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33304 River Mile 3.54 FROM 9/7/2006 To 9/7/2006 1 out of 1 (100%) samples outside MWCF regional criteria.	
Temperature- Year Round	Category 4A	Record ID: 8478- Previous Data: TMDL Approved: 8/20/2003	
Temperature-Spawning	Category 4A	23 excursions of critria	23278-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 4A	106 excursions of critria	23278-ORDEQ
Temperature- Spawning	Category 4A	Carried forward from previous listing	
Temperature- Year Round	Category 4A	Record ID: 8474- Previous Data: TMDL Approved: 8/20/2003	
Temperature- Spawning	Category 4A	Carried forward from previous listing	
Temperature- Year Round	Category 4A	Record ID: 8474- Previous Data: TMDL Approved: 8/20/2003	
Dissolved Oxygen- Spawning	Category 5	12 of 17 samples < 11 mg/L and 95% sat	34019-ORDEQ
Temperature- Spawning	Category 4A	23 excursions of critria	23284-ORDEQ
Temperature- Year Round	Category 4A	106 excursions of critria	23284-ORDEQ
Temperature- Year Round	Category 4A	105 excursions of critria	23507-ORDEQ
BioCriteria	Category 5	Record ID: 23816- 2010 Data: LASAR 35741 River Mile 0.45 FROM 6/27/1999 To 6/27/1999 1 out of 1 (100%) samples outside MWCF regional criteria.	
Temperature- Spawning	Category 4A	28 excursions of critria	11849-ORDEQ
Temperature- Year Round	Category 4A	100 excursions of critria	11849-ORDEQ
Temperature- Spawning	Category 4A	Carried forward from previous listing	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 4A	Record ID: 2974- Previous Data: TMDL Approved: 8/20/2003	
Fecal Coliform	Category 4A	Record ID: 19284- Previous Data: TMDL Approved: 8/20/2003	
Temperature- Spawning	Category 4A	Carried forward from previous listing	
Temperature- Year Round	Category 4A	59 excursions of criteria	18802-ORDEQ
Temperature- Year Round	Category 4A	Record ID: 8451- Previous Data: TMDL Approved: 8/20/2003	
BioCriteria	Category 5	Record ID: 23502- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 35744 River Mile 0.05 FROM 6/26/1999 To 6/26/1999 0 out of 1 (0%) samples outside MWCF regional criteria.	
Temperature- Year Round	Category 4A	LASAR 34623 River Mile 1.9 FROM 9/20/2007 To 9/20/2007 0 out of 1 (0%) samples outside	34623-ORDEQ
Temperature- Spawning	Category 4A	8 consecutive 7DADM values exceed	33292-ORDEQ
Temperature- Spawning	Category 4A	Carried forward from previous listing	
Fecal Coliform	Category 4A	Record ID: 19369- Previous Data: TMDL Approved: 8/20/2003	
Fecal Coliform	Category 4A	Record ID: 19607- Previous Data: TMDL Approved: 8/20/2003	

Assessment	IR_category	Rationale	Monitoring_locations
E. coli	Category 4A	Record ID: 19155- Based on EPA analysis of available data for 303(d) additions proposed in March 2012: Exceedences of the geometric mean criteria out of 5 days of sampling at LASAR station 20440, Foley Creek at Lommen Road, between 10/29/01 and 11/2/01. Previous Data: TM	
Temperature- Year Round	Category 4A	Record ID: 9519- Previous Data: TMDL Approved: 8/20/2003	
Temperature- Spawning	Category 4A	Carried forward from previous listing	
Temperature- Year Round	Category 4A	Record ID: 2973- Previous Data: TMDL Approved: 8/20/2003	
Fecal Coliform	Category 4A	Record ID: 19712- Previous Data: TMDL Approved: 7/31/2001 Record ID: 23829- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 21806 River Mile 0.7 FROM 8/25/1999 To 8/27/2002 1 out of 2 (50%) samples outside MWCF regional criteria.	21806-ORDEQ
BioCriteria	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
E. coli	Category 4A	Record ID: 19068- Based on EPA analysis of available data for 303(d) additions proposed in March 2012: Exceedences of the geometric mean criteria out of 5 days of sampling at LASAR station 22593, Beaver Creek at confluence with Nestucca River, between 9/5/02 and 9/30/02.; Record ID: 19782- Previous Data: TMDL Approved: 7/31/2001; Record ID: 24854- Based on EPA analysis of available data for 303(d) additions proposed in March 2012: Exceedences of the geometric mean criteria out of 5 days of sampling at LASAR station 22593, Beaver Creek at confluence with Nestucca River, between 7/5/00 and 7/26/00.	
Temperature-Spawning	Category 4A	12 excursions of critria	11005-ORDEQ
Temperature- Year Round	Category 4A	96 excursions of critria	11005-ORDEQ
BioCriteria	Category 5	Record ID: 24318- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 34638 River Mile 40.26 FROM 8/31/2007 To 8/31/2007 1 out of 1 (100%) samples outside MWCF regional criteria.	
Habitat Modification	Category 4C	Record ID: 3094- Coho and Winter Steelhead populations are depressed, poor habitat conditions (lack of large wood) have been identified as limiting factors (Baker et al, 1986). Record ID: 3177- Previous Data: USEPA Approval Date: 5/13/2002	
Sedimentation	Category 4A	Record ID: 2990- Previous Data: USEPA Approval Date: 5/13/2002	
Temperature- Year Round	Category 4A		

Assessment	IR_category	Rationale	Monitoring_locations
E. coli	Category 4A	Record ID: 19782- Previous Data: TMDL Approved: 7/31/2001	
Fecal Coliform	Category 4A	Record ID: 19783- Previous Data: TMDL Approved: 7/31/2001	
Flow Modification	Category 4C	Record ID: 3193- Coastal Coho and steelhead have been petitioned for federal listing under the ESA, reduced stream flows have been identified as one of the contributing factors (Nestucca W/S Analysis, 1994); IWR (71242) is often not met at USGS gage (14303600).	
Habitat Modification	Category 4C	Record ID: 3094- Coho and Winter Steelhead populations are depressed, poor habitat conditions (lack of large wood) have been identified as limiting factors (Baker et al, 1986). Record ID: 3177- Previous Data: USEPA	
Sedimentation	Category 4A	Approval Date: 5/13/2002	
Temperature- Spawning	Category 4A	52 excursions of critria	21800-ORDEQ; 22368-ORDEQ; 22375-ORDEQ
Temperature- Year Round	Category 4A	247 excursions of critria	21800-ORDEQ; 22368-ORDEQ; 22375-ORDEQ
Fecal Coliform	Category 4A	Record ID: 19783- Previous Data: TMDL Approved: 7/31/2001	
Flow Modification	Category 4C	Record ID: 3193- Coastal Coho and steelhead have been petitioned for federal listing under the ESA, reduced stream flows have been identified as one of the contributing factors (Nestucca W/S Analysis, 1994); IWR (71242) is often not met at USGS gage (14303600).	
Temperature- Year Round	Category 4A	Record ID: 2989- Previous Data: USEPA Approval Date: 5/13/2002	

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 3084- Coho and Winter Steelhead populations are depressed, poor habitat conditions (lack of large wood and pools) have been identified as limiting factors (Baker et al, 1986).	
Sedimentation	Category 4A	Record ID: 3278- Previous Data: USEPA approval date: 05/13/2002	
E. coli	Category 4A	Record ID: 19249- Based on EPA analysis of available data for 303(d) additions proposed in March 2012: Exceedences of the geometric mean criteria out of 5 days of sampling at LASAR station 11003, Three Rivers at Hebo Bridge, between 10/7/02 and 11/7/02. Previous Data:; Record ID: 19250- Based on EPA analysis of available data for 303(d) additions proposed in March 2012: Exceedences of the geometric mean criteria out of 5 days of sampling at LASAR station 11003, Three Rivers at Hebo Bridge, between 9/5/02 and 9/30/02. Exceedences of t	
Temperature-Spawning	Category 4A	18 excursions of critria	11003-ORDEQ
Temperature- Year Round	Category 4A	147 excursions of critria	11003-ORDEQ; SNF-005
Temperature-Spawning	Category 4A	12 excursions of critria	22373-ORDEQ
Temperature- Year Round	Category 4A	90 excursions of critria	22373-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Record ID: 24314- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 21803 River Mile 9.1 FROM 7/7/1999 To 7/7/1999 1 out of 1 (100%) samples outside MWCF regional criteria.	
BioCriteria	Category 5	Record ID: 23463- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 23813 River Mile 1.6 FROM 7/6/2000 To 7/6/2000 1 out of 1 (100%) samples outside MWCF regional criteria.	22504-ORDEQ; 23813-ORDEQ
Temperature- Year Round	Category 4A	9 of 68 7DADM results exceed- all consecutive 13 geometric means > 126 organisms per 100 mL; 43 of 252 samples > 406 organisms per 100 mL	22504-ORDEQ 13078-ORDEQ; 13438-ORDEQ; 13440-ORDEQ; 13499-ORDEQ; 33148-ORDEQ
E. coli Temperature- Year Round	Category 5 Category 4A	116 excursions of critria	13440-ORDEQ
BioCriteria	Category 5	Record ID: 24167- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33275 River Mile 0.36 FROM 8/23/2006 To 8/23/2006 1 out of 1 (100%) samples outside MWCF regional criteria.	
Dissolved Oxygen- Spawning	Category 5	Record ID: 21035- Previous Data: [DEQ/ODA - Salem] LASAR 13501 River Mile 0.3: From 3/4/1997 to 2/10/1998, 2 out of 5 samples (40%) < 11 mg/l and applicable % saturation. [DEQ/ODA - Salem] LASAR 13500 River Mile 2.1: From 3/11/1997 to 3/11/1997, 0 out of 1 samples (0%)	

Assessment	IR_category	Rationale	Monitoring_locations
E. coli	Category 5	8 geometric means > 126 organisms per 100 mL; 25 of 85 samples > 406 organisms per 100 mL	13517-ORDEQ; 33147-ORDEQ
Fecal Coliform	Category 4A	Record ID: 3221- Previous Data: USEPA approval date: 07/31/2001	
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds Record ID: 24684- 2010 Data:	21805-ORDEQ
Dissolved Oxygen- Year Round	Category 5	EPA addition to 303(d) list 12/14/2012: Two exceedences of the cold water aquatic life criteria out of 8 days of sampling between 8/3/99 and 9/8/05 at LASAR station 21805, Tillamook River at River Mile 14.89.	
E. coli	Category 5	19 geometric means > 126 organisms per 100 mL; 18 of 44 samples > 406 organisms per 100 mL	13442-ORDEQ
Fecal Coliform	Category 4A	Record ID: 3023- Previous Data: USEPA approval date: 07/31/2001; Record ID: 3223- Previous Data: USEPA approval date: 07/31/2001	
Temperature- Year Round	Category 4A	112 excursions of critria	13442-ORDEQ
Temperature- Spawning	Category 4A	21 excursions of critria	12962-ORDEQ
Temperature- Year Round	Category 4A	24 excursions of critria	12962-ORDEQ
Dissolved Oxygen- Spawning	Category 5	23 of 39 samples < 11 mg/L and 95% sat	13428-ORDEQ; 13429-ORDEQ
Dissolved Oxygen- Year Round	Category 5	66 out of 136 samples < cold water criteria	13428-ORDEQ; 13429-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
E. coli	Category 5	4 geometric means > 126 organisms per 100 mL; 11 of 61 samples > 406 organisms per 100 mL Record ID: 3263- Previous Data: USEPA approval date: 07/31/2001; Record ID: 19205- Previous Data: TMDL Approved: 7/31/2001	13428-ORDEQ; 13429-ORDEQ
Fecal Coliform	Category 4A		
Dissolved Oxygen-Spawning	Category 5	22 values < absolute minimum value of 9.0 mg/L Record ID: 3024- Previous Data: USEPA approval date: 07/31/2001; Record ID: 3266- Previous Data: USEPA approval date: 07/31/2001	14302480
Fecal Coliform	Category 4A		
Temperature-Spawning	Category 4A	145 excursions of critria	12958-ORDEQ; 14302480
Temperature- Year Round	Category 4A	379 excursions of critria	12958-ORDEQ; 14302480
Fecal Coliform	Category 4A	Record ID: 3036- Previous Data: USEPA Approval Date: 7/31/2001	
Temperature- Year Round	Category 4A	71 excursions of critria	12963-ORDEQ
Temperature-Spawning	Category 4A	83 excursions of critria	12965-ORDEQ; 12966-ORDEQ; 37324-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 4A	277 excursions of critria	12965-ORDEQ; 12966-ORDEQ; 37324-ORDEQ
Temperature- Spawning	Category 4A	30 excursions of critria	16987-ORDEQ
Temperature- Year Round	Category 4A	59 excursions of critria	16987-ORDEQ
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds	37830-ORDEQ
Temperature- Spawning	Category 4A	3 consecutive 7DADM results exceed criteria. Only 3 values	12947-ORDEQ
Temperature- Year Round	Category 4A	145 excursions of critria	12947-ORDEQ
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds	37828-ORDEQ
Temperature- Spawning	Category 4A	3 of 3 7DADM are on consecutive dates	20363-ORDEQ
Temperature- Year Round	Category 4A	26 excursions of critria Record ID: 23614- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33283 River Mile 1.53 FROM 8/22/2006 To 8/22/2006 1 out of 1 (100%) samples outside	20363-ORDEQ
BioCriteria	Category 5	MWCF regional criteria.	dfw_683

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds Record ID: 23470- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33281 River Mile 0.06 FROM 9/25/2006 To 9/25/2006 1 out of 1 (100%) samples outside MWCF regional criteria.	37844-ORDEQ; dfw_20228
BioCriteria	Category 5	LASAR 21812 River Mile 7 FROM 7/6/1999 To 9/6/2007 3 out of 3 (100%) samples outside MW Record ID: 23470- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33281 River Mile 0.06 FROM 9/25/2006 To 9/25/2006 1 out of 1 (100%) samples outside MWCF regional criteria.	21812-ORDEQ; 37280-ORDEQ
BioCriteria	Category 5	LASAR 21812 River Mile 7 FROM 7/6/1999 To 9/6/2007 3 out of 3 (100%) samples outside MW	
Temperature- Spawning	Category 4A	3 of 3 7DADM are on consecutive dates	12951-ORDEQ
Temperature- Year Round	Category 4A	157 excursions of critria	12951-ORDEQ
Temperature- Spawning	Category 4A	3 of 3 7DADM are on consecutive dates	12948-ORDEQ
Temperature- Year Round	Category 4A	72 excursions of critria	12948-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 5	81 values < absolute minimum value of 9.0 mg/L	14301500
E. coli	Category 5	3 geometric means > 126 organisms per 100 mL; 12 of 104 samples > 406 organisms per 100 mL	13422-ORDEQ; 13424-ORDEQ
Fecal Coliform	Category 4A	Record ID: 3230- Previous Data: USEPA Approval Date: 7/31/2001	
Temperature-Spawning	Category 4A	151 excursions of critria	14301500; 38761-ORDEQ
Temperature- Year Round	Category 4A	497 excursions of critria	13422-ORDEQ; 14301500; 38761-ORDEQ
BioCriteria	Category 5	Doesn't meet minimum delisting requirements	23816-ORDEQ
Fecal Coliform	Category 4A	Record ID: 3018- Previous Data: USEPA approval date: 07/31/2001; Record ID: 3238- Previous Data: USEPA approval date: 07/31/2001	
Temperature-Spawning	Category 4A	26 excursions of critria	13077-ORDEQ
Temperature- Year Round	Category 4A	149 excursions of critria	13077-ORDEQ
Temperature- Year Round	Category 4A	4 of 161 7DADm exceeds. All xonsecutive	12810-ORDEQ
E. coli	Category 5	12 geometric means > 126 organisms per 100 mL; 26 of 123 samples > 406 organisms per 100 mL	13411-ORDEQ; 33141-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 4A	Record ID: 3020- Previous Data: USEPA approval date: 07/31/2001; Record ID: 3240- Previous Data: USEPA approval date: 07/31/2001	
BioCriteria	Category 5	Record ID: 24195- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 34613 River Mile 1.01 FROM 9/4/2007 To 9/4/2007 1 out of 1 (100%) samples outside MWCF regional criteria.	
Dissolved Oxygen-Spawning	Category 5	7 of 9 samples < criteria and % sat	36912-ORDEQ
Temperature-Spawning	Category 5	2 of 8 7-DADM values > spawning criteria	36912-ORDEQ
Dissolved Oxygen-Spawning	Category 5	56 of 166 samples < criteria and % sat	12301-ORDEQ; 33112-ORDEQ; 34454-ORDEQ; 34455-ORDEQ
E. coli	Category 5	33 geometric means > 126 organisms per 100 mL; 27 of 193 samples > 406 organisms per 100 mL	12301-ORDEQ; 33112-ORDEQ; 34454-ORDEQ; 34455-ORDEQ
Fecal Coliform	Category 5	Record ID: 24740- 2010 Data: EPA addition to 303(d) list 12/14/2012: Six exceedences out of 7 days of sampling at LASAR station 11486, Yaquina River at Trapp Road (Chitwood), between 12/11/01 and 10/17/07. Six exceedences out of 26 days of sampling at LASAR station 13	
Temperature-Spawning	Category 5	Doesn't meet delisting requirements - doesn't span entire spawning period	12301-ORDEQ; 33112-ORDEQ; 34454-ORDEQ
Temperature- Year Round	Category 5	95 of 185 7-DADM values > criteria	12301-ORDEQ; 33112-ORDEQ; 34454-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen-Spawning	Category 5	25 of 103 samples < criteria and % sat Record ID: 24740- 2010 Data: EPA addition to 303(d) list 12/14/2012: Six exceedences out of 7 days of sampling at LASAR station 11486, Yaquina River at Trapp Road (Chitwood), between 12/11/01 and 10/17/07. Six exceedences out of 26 days of sampling at LASAR station 13	11476-ORDEQ
Fecal Coliform	Category 5		
Temperature-Spawning	Category 5	2018-2020 data: 0 of 11 7-DADM values > criteria - does not span entire spawning period	11476-ORDEQ
Temperature- Year Round	Category 5	3 of 14 7-DADM values > criteria	11476-ORDEQ
Dissolved Oxygen-Spawning	Category 5	14 of 92 samples < criteria and % sat 10 geometric means > 126 organisms per 100 mL; 21 of 202 samples > 406 organisms per 100 mL	34451-ORDEQ; 34460-ORDEQ; 34794-ORDEQ
E. coli	Category 5		34451-ORDEQ; 34452-ORDEQ; 34460-ORDEQ; 34794-ORDEQ
Habitat Modification	Category 4C	Record ID: 2776- Salmon Stocks are declining coastwide, LWD and pool habitat are below reference conditions in the watershed (Big Elk Watershed Analysis, USFS, 1995).	
Sedimentation	Category 5	Record ID: 2839- Previous Data: Salmon Stocks are declining coastwide, sediment are above reference conditions in the watershed (Big Elk Watershed Analysis, USFS, 1995).	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 2718- Previous Data: USFS and ODFW Data (Big Elk Watershed Analysis, USFS, 1995).	
Sedimentation	Category 5	Record ID: 2839- Previous Data: Salmon Stocks are declining coastwide, sediment are above reference conditions in the watershed (Big Elk Watershed Analysis, USFS, 1995). 3 geometric means > 126 organisms per 100 mL; 4 of 10 samples > 406 organisms per 100 mL	34780-ORDEQ
E. coli	Category 5	Record ID: 24656- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 21.7 C in July 2007 at LASAR station 34780, Feagles Creek at River Mile 1.6 (Big Elk, Yaquina R).	
Temperature- Year Round	Category 5		
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds	17122-ORDEQ; 37177-ORDEQ
Temperature- Year Round	Category 5	11 of 86 7-DADM values > criteria	17122-ORDEQ
BioCriteria	Category 5	Record ID: 23823- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33361 River Mile 0.74 FROM 9/7/2006 To 9/7/2006 1 out of 1 (100%) samples outside MWCF regional criteria. LASAR 26818 River Mile 7.6 FROM 6/24/2002 To 9/19/2002 1 out of 1 (100%) samples outside	

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Record ID: 23823- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33361 River Mile 0.74 FROM 9/7/2006 To 9/7/2006 1 out of 1 (100%) samples outside MWCF regional criteria. LASAR 26818 River Mile 7.6 FROM 6/24/2002 To 9/19/2002 1 out of 1 (100%) samples outside Record ID: 13202- Previous Data: [DEQ] LASAR 26818 River Mile 7.6: From 6/28/2002 to 9/16/2002, 29 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5		
Temperature- Spawning	Category 5	8 of 36 7-DADM values > criteria	11246-ORDEQ; 37396-ORDEQ; 38912-ORDEQ
Temperature- Year Round	Category 5	84 of 158 7-DADM values > criteria	11246-ORDEQ; 37396-ORDEQ; 38912-ORDEQ
Turbidity	Category 5	Record ID: 23134	
Temperature- Spawning	Category 5	18 of 23 7-DADM values > spawning criteria	38930-ORDEQ
Temperature- Year Round	Category 5	35 of 57 7-DADM values > criteria	38929-ORDEQ; 38930-ORDEQ
Temperature- Year Round	Category 5	0 of 100 7-DADM values > criteria - not full critical period	SNF-001

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds	dfw_39708; dfw_39983
Dissolved Oxygen-Spawning	Category 5	20 of 110 samples < criteria and % sat 16 geometric means > 126 organisms per 100 mL; 5 of 186 samples > 406 organisms per 100 mL	28599-ORDEQ
E. coli	Category 5	0 of 99 7-DADM values > criteria - not full critical period	28599-ORDEQ
Temperature- Year Round	Category 5	2 geometric means > 126 organisms per 100 mL; 4 of 184 samples > 406 organisms per 100 mL	SNF-020
E. coli	Category 5	Record ID: 24717- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 18.1 C in July 2003 and 18.3 in July 2004 at LASAR station 30701, Schooner Creek 0.3 miles above Anderson Road Bridge (River Mile 3.2) (S)	30700-ORDEQ
Temperature- Year Round	Category 5	No. of years with Turbidity > 5.0 NTU > 45 days = 4	
Dissolved Oxygen-Year Round	Category 5	5 out of 290 7-DADM values < cold water criteria; 2 daily minimums < cold water criteria	10391-ORDEQ; 36367-ORDEQ; 37848-ORDEQ; 38300-ORDEQ; 38918-ORDEQ; 38928-ORDEQ; 38944-ORDEQ
Temperature-Spawning	Category 5	130 out of 138 spawning period 7DADM values exceed criteria	36367-ORDEQ; 37848-ORDEQ; 38300-ORDEQ; 38918-ORDEQ; 38928-ORDEQ
Temperature- Year Round	Category 5	263 out of 343 7DADM values exceed criteria	10391-ORDEQ; 36367-ORDEQ; 37848-ORDEQ; 38300-ORDEQ; 38918-ORDEQ; 38928-ORDEQ; 38944-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Turbidity	Category 5	Record ID: 23134	
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds	dfw_35429
Dissolved Oxygen-Spawning	Category 5	39 of 203 samples < criteria and % sat 3 geometric means > 126 organisms per 100 mL; 10 of 274 samples > 406 organisms per 100 mL	33097-ORDEQ; 34449-ORDEQ; 38592-ORDEQ; 38593-ORDEQ; 38594-ORDEQ
E. coli	Category 5	0 of 38 7-DADM values > criteria - does not span entire spawning period	33097-ORDEQ; 34449-ORDEQ
Temperature-Spawning	Category 5	17 of 240 7-DADM values > criteria	38592-ORDEQ; 38594-ORDEQ
Temperature- Year Round	Category 5	Record ID: 24685- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 19.5 C in July 2004 at LASAR station 33098, Slick Rock Creek at mouth (Salmon River).	38592-ORDEQ; 38593-ORDEQ; 38594-ORDEQ; SNF-098; SNF-099
Temperature- Year Round	Category 5		
Dissolved Oxygen-Spawning	Category 5	40 of 167 samples < criteria and % sat 5 geometric means > 126 organisms per 100 mL; 11 of 294 samples > 406 organisms per 100 mL	33099-ORDEQ; 33101-ORDEQ; 35485-ORDEQ; 35487-ORDEQ; 38588-ORDEQ
E. coli	Category 5		35485-ORDEQ; 35487-ORDEQ
Temperature- Year Round	Category 5	54 of 330 7-DADM values > criteria	33099-ORDEQ; 33101-ORDEQ; 35485-ORDEQ; 38588-ORDEQ; 38589-ORDEQ; SNF-100; SNF-101; SNF-102

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 24711- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 19.1 C in July 2003 at LASAR station 30704, Rock Creek at East Devils Lake Road Bridge (River Mile 0.6) (Devils Lake).	
Dissolved Oxygen- Spawning	Category 5	2 of 6 samples < criteria and % sat	34726-ORDEQ; 34766-ORDEQ
Dissolved Oxygen- Year Round	Category 5	4 out of 16 samples < cold water criteria; 4 required to list	34726-ORDEQ; 34766-ORDEQ
E. coli	Category 5	1 geometric mean > 126 organisms per 100 mL; 1 of 18 samples > 406 organisms per 100 mL	34726-ORDEQ; 34766-ORDEQ
Temperature- Year Round	Category 5	Record ID: 13182- Previous Data: [DEQ] LASAR 25292 River Mile 14.1: From 7/1/2001 to 9/21/2001, 41 days with 7-day-average maximum > 16 degrees Celsius. [WSC Alsea] LASAR 28243 River Mile 1: From 6/21/2001 to 9/14/2001, 80 days with 7-day-average maximum > 16 degrees Ce	
Temperature- Year Round	Category 5	Record ID: 13180- Previous Data: [WSC Alsea] LASAR 28239 River Mile 4.3: From 6/21/2001 to 9/30/2001, 17 days with 7-day-average maximum > 16 degrees Celsius. [WSC Alsea] LASAR 28251 River Mile 4.3: From 6/21/2001 to 9/30/2001, 15 days with 7-day-average maximum > 16 de	
Temperature- Year Round	Category 5	Carried forward from previous listing	
Temperature- Spawning	Category 5		

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 9344- Previous Data: USGS Data (Site 14306500; near Tidewater): 70% (7 of 10) Summer values exceeded temperature standard (64) with a max of 70.7 from WY 80 - 86 with exceedances measured in 1980, 82-86; USFS (below Mill Cr): 7 day ave of daily max exceeded s	
Temperature- Year Round	Category 5	Record ID: 13150- Previous Data: [DEQ] LASAR 11853 River Mile 2.8: From 8/21/1999 to 10/7/1999, 8 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	Record ID: 13181- Previous Data: [DEQ] LASAR 23822 River Mile 5.4: From 6/17/2000 to 9/14/2000, 49 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	Record ID: 13182- Previous Data: [DEQ] LASAR 25292 River Mile 14.1: From 7/1/2001 to 9/21/2001, 41 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Spawning	Category 5	[WSC Alsea] LASAR 28243 River Mile 1: From 6/21/2001 to 9/14/2001, 80 days with 7-day-average maximum > 16 degrees Ce	
Temperature- Spawning	Category 5	Carried forward from previous listing	
Temperature- Spawning	Category 5	Carried forward from previous listing	
Temperature- Spawning	Category 5	23 of 36 7-DADM values > spawning criteria	SNF-010; SNF-015; SNF-024

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	231 of 381 7-DADM values > criteria Record ID: 2953- Previous Data: USFS Data (Site at Mouth): 7 day average of daily maximums of 18.2??C, exceeded temperature standard (17.8??C)	SNF-010; SNF-015; SNF-024
Temperature- Year Round	Category 5	Carried forward from previous listing Record ID: 13236- Previous Data: [WSC Alsea] LASAR 28240 River Mile 10: From 6/22/2001 to 9/30/2001, 92 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Spawning	Category 5	Carried forward from previous listing Record ID: 13236- Previous Data: [WSC Alsea] LASAR 28238 River Mile 10.2: From 6/22/2001 to 9/30/2001, 84 days with 7-day-average maximum > 16 de	
Temperature- Year Round	Category 5	Record ID: 13246- Previous Data: [WSC Alsea] LASAR 28241 River Mile 2.2: From 6/22/2001 to 9/28/2001, 64 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5	[WSC Alsea] LASAR 28237 River Mile 2.5: From 6/22/2001 to 9/28/2001, 72 days with 7-day-average maximum > 16 de Record ID: 2944- Previous Data: USFS Data (Site at Mouth): 7 day average of daily maximums of 20.5??C exceeded temperature standard (17.8??C)	
Temperature- Year Round	Category 5	Record ID: 2948- Previous Data: USFS Data (Site at Mouth): 7 day average of daily maximums of 20.0??C, exceeded temperature standard (17.8??C)	
Temperature- Year Round	Category 5	Carried forward from previous listing	
Temperature- Spawning	Category 5	Carried forward from previous listing	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13238- Previous Data: [WSC Alsea] LASAR 28252 River Mile 11.7: From 8/21/2001 to 9/26/2001, 30 days with 7-day-average maximum > 16 degrees Celsius. [WSC Alsea] LASAR 28247 River Mile 11: From 8/21/2001 to 9/28/2001, 37 days with 7-day-average maximum > 16 de	
Temperature- Year Round	Category 5	Record ID: 24677- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the core cold water criterion (16C) as high as 61.9F (16.6C) in July 2005 at LASAR station 35283, Meadow Creek at mouth.	
Temperature- Spawning	Category 5	35 of 101 7-DADM values > spawning criteria	SNF-013
Temperature- Year Round	Category 5	372 of 816 7-DADM values > criteria	SNF-013
Temperature- Spawning	Category 5	52 of 101 7-DADM values > criteria	SNF-012
Temperature- Year Round	Category 5	71 of 127 7-DADM values > criteria	SNF-012
Temperature- Spawning	Category 5	72 of 89 7-DADM values > criteria	SNF-032; SNF-033; SNF-035; SNF-037
Temperature- Year Round	Category 5	334 of 401 7-DADM values > criteria	SNF-032; SNF-033; SNF-035; SNF-036; SNF-037
Dissolved Oxygen- Year Round	Category 5	1 out of 118 samples < cold water criteria	11263-ORDEQ
Temperature- Spawning	Category 5	Carried forward from previous listing	
Temperature- Spawning	Category 5	Carried forward from previous listing	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13214- Previous Data: [WSC Alsea] LASAR 28250 River Mile 4.6: From 6/20/2001 to 9/30/2001, 30 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Spawning	Category 5	[WSC Alsea] LASAR 28244 River Mile 2.3: From 6/20/2001 to 9/30/2001, 56 days with 7-day-average maximum > 16 de	
Temperature- Year Round	Category 5	Carried forward from previous listing Record ID: 13214- Previous Data: [WSC Alsea] LASAR 28250 River Mile 4.6: From 6/20/2001 to 9/30/2001, 30 days with 7-day-average maximum > 16 degrees Celsius. [WSC Alsea] LASAR 28244 River Mile 2.3: From 6/20/2001 to 9/30/2001, 56 days with 7-day-average maximum > 16 de	
Fecal Coliform	Category 5	Record ID: 24695- 2010 Data: EPA addition to 303(d) list 12/14/2012: Five exceedences out of 6 days of sampling at LASAR station 28248, Canal Creek upstream of RR car bridge (Alsea), between 7/18/07 and 1/29/08.	
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds	dfw_35004
Temperature- Spawning	Category 5	Carried forward from previous listing	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 9344- Previous Data: USGS Data (Site 14306500; near Tidewater): 70% (7 of 10) Summer values exceeded temperature standard (64) with a max of 70.7 from WY 80 - 86 with exceedances measured in 1980, 82-86; USFS (below Mill Cr): 7 day ave of daily max exceeded s	
Dissolved Oxygen-Spawning	Category 5	34 of 79 samples < criteria and % sat	33644-ORDEQ
E. coli	Category 5	6 geometric means > 126 organisms per 100 mL; 9 of 118 samples > 406 organisms per 100 mL	33644-ORDEQ
Temperature-Spawning	Category 5	30 of 1263 7-DADM values > criteria	14306065; 14306080; 14306085
Temperature- Year Round	Category 5	388 of 2894 7-DADM values > criteria	14306065; 14306080; 14306085
BioCriteria	Category 5	Record ID: 23517- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 34659 River Mile 3.18 FROM 8/15/2007 To 8/15/2007 1 out of 1 (100%) samples outside MWCF regional criteria.	
Dissolved Oxygen-Spawning	Category 5	19 of 57 samples < criteria and % sat	33997-ORDEQ; 34764-ORDEQ
Temperature-Spawning	Category 5	0 of 32 7-DADM values > spawning criteria - not full spawning period	33997-ORDEQ
Dissolved Oxygen-Spawning	Category 5	90 of 98 samples < criteria and % sat	33996-ORDEQ; 34000-ORDEQ; 34001-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Dissolved Oxygen- Year Round	Category 5	54 out of 182 samples < cold water criteria 25 geometric means > 126 organisms per 100 mL; 22 of 145 samples > 406 organisms per 100 mL	33996-ORDEQ; 34000-ORDEQ; 34001-ORDEQ
E. coli	Category 5	0 of 32 7-DADM values > spawning criteria - not full spawning period	33996-ORDEQ; 34000-ORDEQ; 34001-ORDEQ
Temperature- Spawning	Category 5	0 of 103 7-DADM values > criteria - missing September in critical period	34001-ORDEQ
Temperature- Year Round	Category 5		34001-ORDEQ
Dissolved Oxygen- Spawning	Category 5	1 of 4 samples < criteria and % sat; 2 stations/2 dates	23744-ORDEQ; 23746-ORDEQ
Temperature- Spawning	Category 5	0 of 30 7-DADM values > spawning criteria - not full spawning period	40040-ORDEQ; 40042-ORDEQ
Temperature- Year Round	Category 5	29 of 166 7-DADM values > criteria	40040-ORDEQ; 40042-ORDEQ
Dissolved Oxygen- Spawning	Category 5	2 of 4 samples < criteria and % sat; 2 stations/2 dates	23745-ORDEQ; 23748-ORDEQ
Temperature- Year Round	Category 5	Record ID: 13273- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 19.3C in July 2006 and 18.3 in July 2004 at LASAR station 23748, North Fork Yachats River approximately 0.1 mile upstream of Williamson Cr	
Dissolved Oxygen- Spawning	Category 5	1 of 2 samples < criteria and % sat	23750-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13270- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 18.3C in July 2006 at LASAR station 23750, Stump Creek upstream of Keller Creek. Previous Data: [NF - Siuslaw] LASAR 28070 River Mile 0; Record ID: 24707- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 65F (18.3 C) in August 2005 at LASAR station 28061, Gopher.	
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds Record ID: 20268- Previous Data: [DEQ/ODHS] LASAR 18804 River Mile 0.1: From 1/12/1999 to 9/26/2001, 2 out of 15 samples (13%) > 43 organisms; median concentration of 18	dfw_39965
Fecal Coliform	Category 5	Record ID: 13307- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18C) as high as 18.3C in July 2004 at LASAR station 21791, Big Creek at River Mile 0.79. Previous Data: [DEQ] LASAR 21791 River Mile 0.8: From 6/11/200	
Temperature- Year Round	Category 5		
Temperature- Spawning	Category 5	9 of 19 7-DADM values > spawning criteria	SNF-009

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds	33325-ORDEQ; dfw_2492
Temperature-Spawning	Category 5	3 of 19 7-DADM values > spawning criteria	10989-ORDEQ
Temperature- Year Round	Category 5	16 of 66 7-DADM values > criteria Record ID: 24649- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18 C) as high as 19.9 C in July 2007 at LASAR station 34879, Chickahominy Creek at Webb Bridge (Wildcat, Siuslaw).	10989-ORDEQ
Temperature- Year Round	Category 5	Record ID: 24322- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 30403 River Mile 46.7 FROM 9/16/2003 To 9/16/2003 1 out of 1 (100%) samples outside MWCF regional criteria. LASAR 34665 River Mile 57.06 FROM 9/19/2007 To 9/19/2007 1 out of 1 (100%) samples ou	
BioCriteria	Category 5	Record ID: 20315- Previous Data: [DEQ/ODA - Salem] LASAR 10392 River Mile 19.7: From 3/22/1994 to 5/7/2002, 4 out of 41 samples (10%) > 43 organisms; median concentration of 17	
Fecal Coliform	Category 5		
Temperature- Year Round	Category 5	200 of 236 7-DADM values > criteria	10983-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Record ID: 24137- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33327 River Mile 0.01 FROM 8/30/2006 To 8/30/2006 1 out of 1 (100%) samples outside MWCF regional criteria.	
BioCriteria	Category 5	Doesn't meet minimum delisting requirements	dfw_2451
BioCriteria	Category 5	Record ID: 2964- Previous Data: Streams are considered impaired with a Discriminate Score of <61 points. Discriminate Score was 42.; Record ID: 24322- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 30403 River Mile 46.7 FROM 9/16/2003 To 9/16/2003 1 out of 1 (100%) samples outside MWCF regional criteria. LASAR 34665 River Mile 57.06 FROM 9/19/2007 To 9/19/2007 1 out of 1 (100%) samples ou; Record ID: 24324- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 26816 River Mile 62.1 FROM 10/2/2002 To 10/2/2002 1 out of 1 (100%) samples outside MWCF regional criteria. LASAR 25297 River Mile 74 FROM 8/15/2001 To 8/29/2007 2 out of 2 (100%) samples outsi	dfw_39722
Dissolved Oxygen- Spawning	Category 5	2 of 11 samples < criteria and % sat	10984-ORDEQ; 26964-ORDEQ; 28124-ORDEQ; 34223-ORDEQ; 34224-ORDEQ; 37400-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Fecal Coliform	Category 5	Record ID: 20315- Previous Data: [DEQ/ODA - Salem] LASAR 10392 River Mile 19.7: From 3/22/1994 to 5/7/2002, 4 out of 41 samples (10%) > 43 organisms; median concentration of 17	
Iron (total)- Aquatic Life Criteria	Category 5	2 of 3 samples > criteria	
Temperature- Year Round	Category 5	913 out of 1591 7DADM values exceed criteria	10984-ORDEQ; 28120-ORDEQ; 34880-ORDEQ; 34881-ORDEQ; 38329-ORDEQ; 39318-ORDEQ
BioCriteria	Category 5	Record ID: 23615- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 23826 River Mile 5.1 FROM 7/20/2000 To 7/20/2000 1 out of 1 (100%) samples outside MWCF regional criteria.	
Habitat Modification	Category 4C	Record ID: 2795- This listing is for Deadwood Creek and its tributaries. Watershed analysis evaluated pools and Large Woody Debris and found that most of Deadwood Creek and its tributaries are in non functioning condition for rearing habitat. Pg. K-1	
Temperature- Year Round	Category 5	Record ID: 13218- Previous Data: [DEQ] LASAR 23826 River Mile 5.1: From 6/12/2000 to 9/15/2000, 63 days with 7-day-average maximum > 18 degrees Celsius.	
Temperature- Spawning	Category 5	[NF - Siuslaw] LASAR 28057 River Mile 13.3: From 7/10/1999 to 10/14/1999, 32 days with 7-day-average maximum > 18 deg	SNF-081

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	56 of 107 7-DADM values > criteria Record ID: 23493- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 26822 River Mile 2.4 FROM 7/3/2002 To 10/1/2002 1 out of 1 (100%) samples outside MWCF regional criteria.	SNF-081
BioCriteria	Category 5	LASAR 33320 River Mile 13.64 FROM 9/21/2006 To 9/21/2006 1 out of 1 (100%) samples outs Record ID: 2799- This listing is for Indian Creek and its tributaries. Watershed analysis evaluated pools and Large Woody Debris and found that most of Indian Creek and its tributaries are in non functioning condition for rearing habitat Pg. K-1.	
Habitat Modification	Category 4C	Record ID: 23493- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 26822 River Mile 2.4 FROM 7/3/2002 To 10/1/2002 1 out of 1 (100%) samples outside MWCF regional criteria.	
BioCriteria	Category 5	LASAR 33320 River Mile 13.64 FROM 9/21/2006 To 9/21/2006 1 out of 1 (100%) samples outs Record ID: 2799- This listing is for Indian Creek and its tributaries. Watershed analysis evaluated pools and Large Woody Debris and found that most of Indian Creek and its tributaries are in non functioning condition for rearing habitat Pg. K-1.	
Habitat Modification	Category 4C		

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13223- Previous Data: [DEQ] LASAR 26822 River Mile 2.4: From 7/6/2002 to 9/28/2002, 60 days with 7-day-average maximum > 18 degrees Celsius.	
Dissolved Oxygen- Year Round	Category 5	4 of 6 samples < cold water criteria - only 2 in critical period	36803-ORDEQ; 38331-ORDEQ
Temperature- Year Round	Category 5	Record ID: 2735- Previous Data: Three ODFW sites: at mouth, 7 day ave. max temperature in 1994/95 was 70.4/77.0??F, below Triangle Lake in 1994 was 74.5??F, at below Pope Creek in 1994 was 70.0??F. BLM data also available.; Record ID: 24668- 2010 Data: EPA addition to 303(d) list 12/14/2012: Exceedences of the salmonid rearing criterion (18 C) as high as 24.2 C in August 2007 at LASAR station 34877, Lake Creek Below Hult Pond (Siuslaw R).	
Temperature- Year Round	Category 5	280 of 342 7-DADM values > criteria	34220-ORDEQ; 36802-ORDEQ
Temperature- Year Round	Category 5	0 of 208 7-DADM values > criteria	40269-ORDEQ
Temperature- Year Round	Category 5	368 out of 427 7DADM values exceed criteria	34877-ORDEQ
Temperature- Year Round	Category 5	206 out of 221 7DADM values exceed criteria	34878-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 2793- Coho, steelhead and cutthroat populations have declined recently, lack of LWD and pool habitat has been identified as a concern in the watershed (N FK Siuslaw Watershed Analysis, USFS, 1994).	
Habitat Modification	Category 4C	Carried forward from previous listing	
Sedimentation	Category 5	Record ID: 2872- Previous Data: Coho, steelhead and cutthroat populations have declined recently, sedimentation has been identified as a concern in the watershed (N FK Siuslaw Watershed Analysis, USFS, 1994).	
Temperature- Year Round	Category 5	Record ID: 13297- Previous Data: [NF - Siuslaw] LASAR 28051 River Mile 21.1: From 6/14/1999 to 9/15/2000, 39 days with 7-day-average maximum > 18 degrees Celsius. [NF - Siuslaw] LASAR 28063 River Mile 23.7: From 6/14/1999 to 10/2/1999, 0 days with 7-day-average maximum	
Habitat Modification	Category 4C	Record ID: 2812- Coho, steelhead and cutthroat populations have declined recently, lack of LWD and pool habitat has been identified as a concern in the watershed (N FK Siuslaw Watershed Analysis, USFS, 1994).	

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 2806- Coho, steelhead and cutthroat populations have declined recently, lack of LWD and pool habitat has been identified as a concern in the watershed (N FK Siuslaw Watershed Analysis, USFS, 1994).	
Sedimentation	Category 5	Record ID: 2869- Previous Data: Coho, steelhead and cutthroat populations have declined recently, sedimentation has been identified as a concern in the watershed (N FK Siuslaw Watershed Analysis, USFS, 1994).;	
Temperature-Spawning	Category 5	Record ID: 2872- Previous Data: Coho, steelhead and cutthroat populations have declined recently, sedimentation has been identified as a concern in the watershed (N FK Siuslaw Watershed Analysis, USFS, 1994). Doesn't meet delisting requirements - doesn't span entire spawning period	38330-ORDEQ
Temperature- Year Round	Category 5	270 of 395 7-DADM values > criteria	38330-ORDEQ; SNF-016
Habitat Modification	Category 4C	Record ID: 2802- Coho, steelhead and cutthroat populations have declined recently, lack of LWD and pool habitat has been identified as a concern in the watershed (N FK Siuslaw Watershed Analysis, USFS, 1994).	
Sedimentation	Category 5	Record ID: 2869- Previous Data: Coho, steelhead and cutthroat populations have declined recently, sedimentation has been identified as a concern in the watershed (N FK Siuslaw Watershed Analysis, USFS, 1994).	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13269- Previous Data: [NF - Siuslaw] LASAR 28021 River Mile 2.6: From 8/2/1999 to 9/15/2000, 7 days with 7-day-average maximum > 18 degrees Celsius.	
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds	dfw_36277
Temperature- Year Round	Category 5	Record ID: 13259- Previous Data: [DEQ] LASAR 21861 River Mile 1.6: From 6/19/1999 to 9/9/1999, 65 days with 7-day-average maximum > 18 degrees Celsius.	
Fecal Coliform	Category 5	Record ID: 20315- Previous Data: [DEQ/ODA - Salem] LASAR 10392 River Mile 19.7: From 3/22/1994 to 5/7/2002, 4 out of 41 samples (10%) > 43 organisms; median concentration of 17	
Temperature- Year Round	Category 5	198 out of 221 7DADM values exceed criteria	34222-ORDEQ
Temperature-Spawning	Category 5	15 of 420 7-DADM values > spawning criteria	SNF-074; SNF-075; SNF-088
Temperature- Year Round	Category 5	434 of 1508 7-DADM values > criteria	SNF-074; SNF-075; SNF-088
Fecal Coliform	Category 5	Record ID: 20315- Previous Data: [DEQ/ODA - Salem] LASAR 10392 River Mile 19.7: From 3/22/1994 to 5/7/2002, 4 out of 41 samples (10%) > 43 organisms; median concentration of 17	33642-ORDEQ
Temperature- Year Round	Category 5	101 out of 112 7DADM values exceed criteria	33642-ORDEQ
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds	33417-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	176 of 931 7-DADM values > criteria	33417-ORDEQ; SNF-078; SNF-079; SNF-091
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds	dfw_6041
Temperature- Year Round	Category 5	0 of 89 7-DADM values > criteria - > 80% of critical period	SNF-086
BioCriteria	Category 5	Doesn't meet minimum delisting requirements	33418-ORDEQ
Temperature- Year Round	Category 5	15 of 151 7-DADM values > criteria - not full critical period	40048-ORDEQ; 40050-ORDEQ
Temperature- Spawning	Category 5	0 of 3 7-DADM values > spawning criteria - not full spawning period	39464-ORDEQ; 39465-ORDEQ; 39467-ORDEQ
Temperature- Year Round	Category 5	64 of 1081 7-DADM values > criteria	39463-ORDEQ; 39464-ORDEQ; 39465-ORDEQ; 39466-ORDEQ; 39467-ORDEQ; 40051-ORDEQ
Temperature- Year Round	Category 5	6 of 65 7-DADM results > criteria; 5 are consecutive and the 6th is a month later	40047-ORDEQ
Habitat Modification	Category 4C	Record ID: 5736- Streams contribute to the habitat of fish species protected by the Oregon Plan and the Stream Survey indicates that a majority of the 2-5 order streams in the watershed do not met either the Large Woody Debris Frequency (for 50%of the stream length 4 or	
pH	Category 4A	Record ID: 5713- Previous Data: 26% of diel pH measurements made from July 29 to Aug 4, 1994 exceeded 8.5. 12% of diel pH measurements made from July 24 to Aug 1, 1995 exceeded 8.5.	
Total Dissolved gas	Category 4B		

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	<p>Record ID: 12973- 2004 Data: [BLM - Roseburg] LASAR 27894 River Mile 10.1: From 7/5/1999 to 9/5/2002, 167 days with 7-day-average maximum > 16 degrees Celsius. [BLM - Roseburg] LASAR 31187 River Mile 10.1: From 6/28/2002 to 9/5/2002, 45 days with 7-day-average maximum; Record ID: 12979-2004 Data: [DEQ] LASAR 23879 River Mile 0: From 6/17/2000 to 8/5/2000, 26 days with 7-day-average maximum > 16 degrees Celsius. [BLM - Roseburg] LASAR 27881 River Mile 1.1: From 6/20/2000 to 9/14/2001, 16 days with 7-day-average maximum > 16 degrees C Record ID: 5737- Streams contribute to the habitat of fish species protected by the Oregon Plan and the Stream Survey indicates that a majority of the 2-5 order streams in the watershed do not met either the Large Woody Debris Frequency (for 50%of the stream length 4 or</p>	
Habitat Modification	Category 4C		
Temperature- Year Round	Category 5	<p>Record ID: 12973- 2004 Data: [BLM - Roseburg] LASAR 27894 River Mile 10.1: From 7/5/1999 to 9/5/2002, 167 days with 7-day-average maximum > 16 degrees Celsius. [BLM - Roseburg] LASAR 31187 River Mile 10.1: From 6/28/2002 to 9/5/2002, 45 days with 7-day-average maximum</p>	

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 5455- Coastal Coho and Searun Cutthroat have been petitioned under the ESA; habitat conditions are in poor condition due to a severe lack of gravel and large wood in portions of the lower river (Canton R Watershed Analysis, 5/95). Streams contribute to the ha	
Sedimentation	Category 4A	Record ID: 5579- Previous Data: Coastal Coho and Searun Cutthroat have been petitioned under the ESA; habitat conditions are in poor condition large amounts of fine sediment in portions of the lower river (Canton R Watershed Analysis, 5/95).	
Temperature-Spawning	Category 5	225 of 230 7-DADM values > spawning criteria	UmpNF-016
Temperature- Year Round	Category 5	759 of 838 7-DADM values > criteria	UmpNF-016
Habitat Modification	Category 4C	Record ID: 5467- Searun Cutthroat which have been petitioned under the ESA occur in the stream; habitat conditions (lack of pools, pool depth) have been rated very low (USFS, 1993). WSA shows reduces large wood pg. 92. Streams contribute to the habitat of fish species	
Temperature-Spawning	Category 5	14 of 18 7-DADM values > spawning criteria	UmpNF-062
Temperature- Year Round	Category 5	686 of 952 7-DADM values > criteria	UmpNF-062

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 5470- Study shows reduced large wood pg. 92, spawning densities pg. 101 and macroinvertebrates pg. 108. Streams contribute to the habitat of fish species protected by the Oregon Plan and the Stream Survey indicates that a majority of the 2-5 order streams in	
Temperature- Year Round	Category 5	Record ID: 5834- Previous Data: 1990 data shows exceedance of temperature criteria, 7 day aver. max. 68.0??F; Record ID: 12974- 2004 Data: [DEQ/InSight] LASAR 23885 River Mile 11: From 6/18/2000 to 9/29/2002, 130 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 23886 River Mile 13.5: From 6/18/2000 to 8/4/2000, 48 days with 7-day-average maximum > 16 degrees C	
Dissolved Oxygen- Year Round	Category 4A	Record ID: 5438- Previous Data: (Site near mouth): 51% of values measured during diurnal study (8/9 - 11/94) measured below criteria.	
Habitat Modification	Category 4C	Record ID: 5470- Study shows reduced large wood pg. 92, spawning densities pg. 101 and macroinvertebrates pg. 108. Streams contribute to the habitat of fish species protected by the Oregon Plan and the Stream Survey indicates that a majority of the 2-5 order streams in	

Assessment	IR_category	Rationale	Monitoring_locations
pH	Category 4A	Record ID: 5557- 2004 Data: [DEQ] LASAR 23884 River Mile 5.6: From 8/7/2000 to 8/10/2000, 3 out of 5 samples (60%) outside pH criteria range 6.5 to 8.5. Previous Data: Harza Data (Site near mouth): Diurnal study (8/9 - 11/94) measured pH values that exceeded pH st; Record ID: 5558- Previous Data: Harza Data (Site near mouth): Diurnal study (8/9 - 11/94) measured pH values that exceeded pH standard (6.5 - 8.5) with exceedances ranging between 8.7 - 9.0 between 1800 - 2100 hours.; Record ID: 5559- 2004 Data: [DEQ] LASAR 23885 River Mile 11: From 8/7/2000 to 8/10/2000, 2 out of 5 samples (40%) outside pH criteria range 6.5 to 8.5. Previous Data: Harza Data (Site near mouth): Diurnal study (8/9 - 11/94) measured pH values that exceeded pH sta	
Temperature-Spawning	Category 5	221 out of 231 spawning period 7DADM values exceed criteria	UmpNF-079; UmpNF-082
Temperature- Year Round	Category 5	1636 out of 1827 7DADM values exceed criteria	UmpNF-079; UmpNF-082
Temperature-Spawning	Category 5	9 of 18 7DADM values > spawning criteria	UmpNF-004
Temperature- Year Round	Category 5	202 of 923 7-DADM values > criteria	UmpNF-004
Habitat Modification	Category 4C	Carried forward from previous listing	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature-Spawning	Category 5	15 out of 15 spawning period 7DADM values exceed criteria	UmpNF-067
Temperature- Year Round	Category 5	828 out of 887 7DADM values exceed criteria	UmpNF-067
Temperature-Spawning	Category 5	14 of 5624 7-DADM values > spawning criteria; 12 of 14 exceedances occurred in first 2 weeks in June	14316460; 14316500
Temperature- Year Round	Category 5	0 of 7124 7-DADM values > criteria	14316460; 14316500
Temperature-Spawning	Category 5	29 out of 35 spawning period 7DADM values exceed criteria	23894-ORDEQ
Temperature- Year Round	Category 5	26 out of 35 7DADM values exceed criteria	23894-ORDEQ
Temperature-Spawning	Category 5	276 of 374 7-DADM values > spawning criteria	UmpNF-024
Temperature- Year Round	Category 5	665 of 996 7-DADM values > criteria	UmpNF-024
Arsenic, Inorganic-Human Health Criteria	Category 5	Record ID: 8094- Previous Data: USGS data. Site 14317500 RM 35. 3/4 samples > 0.0022 ug/L.	
Flow Modification	Category 4C	Record ID: 5472- Searun Cutthroat and coho have severely depressed populations and low flows and flow alteration due to withdrawals have been identified as one of the limiting factors (ODFW, 92); IWR (71174) are often not met at USGS gage (14319500).	
Temperature-Spawning	Category 5	382 of 2725 7-DADM values > spawning criteria	14317450
Temperature- Year Round	Category 5	623 of 3486 7-DADM values > criteria	14317450

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13015- 2004 Data: [BLM - Roseburg] LASAR 27963 River Mile 0.2: From 7/6/2001 to 8/31/2002, 71 days with 7-day- average maximum > 16 degrees Celsius. [DEQ] LASAR 23878 River Mile 3.7: From 6/17/2000 to 8/5/2000, 37 days with 7-day- average maximum > 16 degrees	
Temperature- Year Round	Category 5	Record ID: 13024- 2004 Data: [BLM - Roseburg] LASAR 27904 River Mile 1.3: From 7/13/1999 to 9/16/2001, 147 days with 7- day-average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 13040- 2004 Data: [BLM - Roseburg] LASAR 27934 River Mile 6.4: From 8/11/2000 to 8/31/2000, 21 days with 7- day-average maximum > 16 degrees Celsius. [BLM - Roseburg] LASAR 27886 River Mile 7.5: From 8/11/2000 to 8/31/2001, 8 days with 7-day- average maximum >	
Temperature- Year Round	Category 5	Record ID: 13040- 2004 Data: [BLM - Roseburg] LASAR 27934 River Mile 6.4: From 8/11/2000 to 8/31/2000, 21 days with 7- day-average maximum > 16 degrees Celsius. [BLM - Roseburg] LASAR 27886 River Mile 7.5: From 8/11/2000 to 8/31/2001, 8 days with 7-day- average maximum >	
Temperature- Spawning	Category 5	Carried forward from previous listing	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 13040- 2004 Data: [BLM - Roseburg] LASAR 27934 River Mile 6.4: From 8/11/2000 to 8/31/2000, 21 days with 7-day-average maximum > 16 degrees Celsius. [BLM - Roseburg] LASAR 27886 River Mile 7.5: From 8/11/2000 to 8/31/2001, 8 days with 7-day-average maximum >	
Temperature- Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	Record ID: 13019- 2004 Data: [BLM - Roseburg] LASAR 27911 River Mile 0.1: From 7/13/1999 to 8/31/2001, 23 days with 7-day-average maximum > 16 degrees Celsius.; Record ID: 13040- 2004 Data: [BLM - Roseburg] LASAR 27934 River Mile 6.4: From 8/11/2000 to 8/31/2000, 21 days with 7-day-average maximum > 16 degrees Celsius. [BLM - Roseburg] LASAR 27886 River Mile 7.5: From 8/11/2000 to 8/31/2001, 8 days with 7-day-average maximum >	
Temperature- Year Round	Category 5	Record ID: 13009- 2004 Data: [BLM - Roseburg] LASAR 27936 River Mile 0.6: From 6/16/2000 to 10/14/2002, 8 days with 7-day-average maximum > 16 degrees Celsius.	
Sedimentation	Category 4A	Record ID: 5584- Previous Data: USEPA Approval Date: 1/29/02	
Temperature- Year Round	Category 4A	Record ID: 5338- Previous Data: USEPA Approval Date: 1/29/02	

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 5464- Coastal Coho and Searun Cutthroat have been petitioned under the ESA; habitat conditions are in highly degraded state in part due to lack of large wood and complex habitat in portions of the river (Little R Watershed Analysis, 9/95). Streams contribute	
pH	Category 4A	Record ID: 5556- Previous Data: USEPA Approval Date: 1/29/02	
Sedimentation	Category 4A	Record ID: 5584- Previous Data: USEPA Approval Date: 1/29/02	
Temperature-Spawning	Category 4A	591 out of 2819 spawning period 7DADM values exceed criteria	14318000
Temperature- Year Round	Category 4A	993 out of 3592 7DADM values exceed criteria	14318000
Temperature-Spawning	Category 4A	9 of 17 7DADM values > spawning criteria. All on consecutive days. Data spans 2 years	UmpNF-030
Temperature- Year Round	Category 4A	192 of 871 7-DADM values > criteria	UmpNF-030
E. coli	Category 5	Record ID: 24564- 2010 Data: EPA addition to 303(d) list 12/14/2012: Three exceedences of the 406 maximum criteria out of 6 days of sampling at LASAR station 28398, Jim Creek at mouth, between 6/6/06 and 8/15/06.	
Sedimentation	Category 4A	Record ID: 5583- Previous Data: USEPA Approval Date: 1/29/02	
Temperature- Year Round	Category 4A	Record ID: 13051- Previous Data: TMDL Approved: 1/29/2002	

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 5464- Coastal Coho and Searun Cutthroat have been petitioned under the ESA; habitat conditions are in highly degraded state in part due to lack of large wood and complex habitat in portions of the river (Little R Watershed Analysis, 9/95). Streams contribute	
pH	Category 4A	Record ID: 5556- Previous Data: USEPA Approval Date: 1/29/02	
Sedimentation	Category 4A	Record ID: 5584- Previous Data: USEPA Approval Date: 1/29/02	
Temperature-Spawning	Category 4A	29 of 258 7-DADM values > spawning criteria	UmpNF-061
Temperature- Year Round	Category 4A	629 of 1092 7-DADM values > criteria	UmpNF-061
Habitat Modification	Category 4C	Record ID: 5464- Coastal Coho and Searun Cutthroat have been petitioned under the ESA; habitat conditions are in highly degraded state in part due to lack of large wood and complex habitat in portions of the river (Little R Watershed Analysis, 9/95). Streams contribute	
Sedimentation	Category 4A	Record ID: 5584- Previous Data: USEPA Approval Date: 1/29/02	
Temperature-Spawning	Category 4A	10 of 17 7-DADM values > spawning criteria	UmpNF-060
Temperature- Year Round	Category 4A	539 of 828 7-DADM values > criteria	UmpNF-060
pH	Category 4A	Record ID: 5753- Previous Data: USEPA Approval date: 1/29/02	
Temperature-Spawning	Category 4A	9 of 17 7-DADM values > spawning criteria	UmpNF-023

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 4A	615 of 918 7-DADM values > criteria	UmpNF-023
BioCriteria	Category 5	Doesn't meet minimum delisting requirements	33460-ORDEQ
Habitat Modification	Category 4C	Record ID: 5456- Coastal Coho and Searun Cutthroat have been petitioned under the ESA; habitat conditions are in highly degraded state in part due to lack of large wood and complex habitat in portions of the river (Little R Watershed Analysis, 9/95). Streams contribute t Record ID: 5570- 2004 Data: [DEQ] LASAR 12900 River Mile 7.7: From 7/15/1997 to 7/15/1997, 0 out of 1 samples (0%) outside pH criteria range 6.5 to 8.5. [DEQ] LASAR 12905 River Mile 7.6: From 7/15/1997 to 7/15/1997, 0 out of 1 samples (0%) outside pH criteria range 6.	
pH	Category 4A	Record ID: 5580- Previous Data: USEPA Approval Date: 1/29/02	
Sedimentation	Category 4A	Record ID: 5329- Previous Data: USEPA Approval Date: 1/29/02	
Temperature- Year Round	Category 4A		
Temperature- Spawning	Category 4A	8 of 17 7-DADM values > spawning criteria	UmpNF-018
Temperature- Year Round	Category 4A	172 of 874 7-DADM values > criteria	UmpNF-018
Flow Modification	Category 4C	Record ID: 5472- Searun Cutthroat and coho have severely depressed populations and low flows and flow alteration due to withdrawals have been identified as one of the limiting factors (ODFW, 92); IWR (71174) are often not met at USGS gage (14319500).	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Spawning	Category 5	Carried forward from previous listing Record ID: 13134- 2004 Data: [DEQ] LASAR 23897 River Mile 65.8: From 6/17/2000 to 8/31/2000, 0 days with 7-day- average maximum > 16 degrees Celsius. [DEQ/InSight] LASAR 28395 River Mile 28.9: From 7/6/2002 to 8/31/2002, 57 days with 7-day- average maximum > 16 degrees C	
Temperature- Year Round	Category 5	Record ID: 13101- 2004 Data: [BLM - Coos Bay] LASAR 26534 River Mile 4: From 7/17/2000 to 9/18/2000, 25 days with 7- day-average maximum > 16 degrees Celsius. Record ID: 8349- Previous Data: LASAR 13112 RM 0.2: 2/4 samples > 0.0022 ug/L. LASAR 11317 RM 0.5: 2/3 samples > 0.0022 ug/L. LASAR 13106 RM 7.3: 4/6 samples > 0.0022 ug/L. LASAR 13104 RM 10: 3/5 samples > 0.0022 ug/L.	
Temperature- Year Round	Category 5	Record ID: 13101- 2004 Data: [BLM - Coos Bay] LASAR 26534 River Mile 4: From 7/17/2000 to 9/18/2000, 25 days with 7- day-average maximum > 16 degrees Celsius. Record ID: 8349- Previous Data: LASAR 13112 RM 0.2: 2/4 samples > 0.0022 ug/L. LASAR 11317 RM 0.5: 2/3 samples > 0.0022 ug/L. LASAR 13106 RM 7.3: 4/6 samples > 0.0022 ug/L. LASAR 13104 RM 10: 3/5 samples > 0.0022 ug/L.	
Arsenic, Inorganic- Human Health Criteria	Category 5	Record ID: 13101- 2004 Data: [BLM - Coos Bay] LASAR 26534 River Mile 4: From 7/17/2000 to 9/18/2000, 25 days with 7- day-average maximum > 16 degrees Celsius. Record ID: 8349- Previous Data: LASAR 13112 RM 0.2: 2/4 samples > 0.0022 ug/L. LASAR 11317 RM 0.5: 2/3 samples > 0.0022 ug/L. LASAR 13106 RM 7.3: 4/6 samples > 0.0022 ug/L. LASAR 13104 RM 10: 3/5 samples > 0.0022 ug/L.	
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds Record ID: 8352- 2012 Data: [ODEQ] STATION 13106 at RM 7.3 for 2 samples from 04/05/2000 to 06/01/2000, 0 of 2 valid samples exceed the hardness dependent criteria. [ODEQ] STATION 13105 at RM 7.9 for 2 samples from 04/05/2000 to 06/01/2000, 0 of 2 valid samples exceed	dfw_8329; dfw_8330
Copper- Aquatic Life Criteria	Category 5	Falls below PREDATOR O:E thresholds Record ID: 8352- 2012 Data: [ODEQ] STATION 13106 at RM 7.3 for 2 samples from 04/05/2000 to 06/01/2000, 0 of 2 valid samples exceed the hardness dependent criteria. [ODEQ] STATION 13105 at RM 7.9 for 2 samples from 04/05/2000 to 06/01/2000, 0 of 2 valid samples exceed	

Assessment	IR_category	Rationale	Monitoring_locations
Iron (total)- Aquatic Life Criteria	Category 5	Record ID: 8374- 2012 Data: [ODEQ] STATION 13112 at RM 0.2 for 2 samples from 04/05/2000 to 06/01/2000, 0 of 0 valid samples exceed the 1000 ug/L criteria. [ODEQ] STATION 13113 at RM 2 for 1 samples from 04/05/2000 to 04/05/2000, 0 of 0 valid samples exceed the 1000 ug	
Lead- Aquatic Life Criteria	Category 5	Record ID: 8354- 2012 Data: [ODEQ] STATION 13112 at RM 0.2 for 2 samples from 04/05/2000 to 06/01/2000, 0 of 2 valid samples exceed the hardness dependent criteria. [ODEQ] STATION 13113 at RM 2 for 1 samples from 04/05/2000 to 04/05/2000, 0 of 1 valid samples exceed th	
Flow Modification Temperature- Spawning	Category 4C	Record ID: 5472- Searun Cutthroat and coho have severely depressed populations and low flows and flow alteration due to withdrawals have been identified as one of the limiting factors (ODFW, 92); IWR (71174) are often not met at USGS gage (14319500).	
Temperature- Year Round	Category 5	51 of 346 7-DADM values > spawning criteria	14319500
	Category 5	95 of 455 7-DADM values > criteria	14319500
Turbidity	Category 5	No. of years with Turbidity > 5.0 NTU > 45 days = 10	

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 5511- Searun Cutthroat which have been petitioned under the ESA and Spring Chinook, a stock at risk, occur in the stream; habitat conditions (lack of LWD and pools, pool depth) have been rated very low (USFS, 1993).	
Temperature-Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	Record ID: 12938- 2004 Data: [DEQ] LASAR 13695 River Mile 4.1: From 6/20/1999 to 8/31/1999, 40 days with 7-day-average maximum > 16 degrees Celsius.	
Habitat Modification	Category 4C	Record ID: 5477- Coho and Searun Cutthroat which have been petitioned under the ESA and Spring Chinook, a stock at risk, occur in the stream; habitat conditions (lack of LWD and pools, pool depth) have been rated very low (USFS, 1993).	
Temperature-Spawning	Category 5	4 of 7 7-DADM values > spawning criteria	UmpNF-013
Temperature- Year Round	Category 5	675 of 922 7-DADM values > criteria	UmpNF-013
pH	Category 4A	Record ID: 5573- 2004 Data: [DEQ] LASAR 17167 River Mile 80.4: From 7/14/1998 to 7/29/1998, 0 out of 4 samples (0%) outside pH criteria range 6.5 to 8.5. [DEQ] LASAR 17188 River Mile 68.2: From 7/28/1998 to 7/28/1998, 0 out of 1 samples (0%) outside pH criteria range	

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation	Category 4A	Record ID: 9373- Previous Data: Coho and Searun Cutthroat which have been petitioned under the ESA and Spring Chinook, a stock at risk, occur in the stream; habitat conditions (excessive fine sediment) are degraded (USFS, 95).	
Temperature-Spawning	Category 5	245 of 264 7-DADM values > spawning criteria	UmpNF-006
Temperature- Year Round	Category 5	1482 of 1834 7-DADM values > criteria Record ID: 5686- Coho and Searun Cutthroat which have been petitioned under the ESA and Spring Chinook, a stock at risk, occur in the stream; habitat conditions (LWD) are degraded with evidence that it is affecting biological communities (USFS, 95).	UmpNF-006; UmpNF-077
Habitat Modification	Category 4C		
Sedimentation	Category 4A	Record ID: 5590- Previous Data: Coho and Searun Cutthroat which have been petitioned under the ESA and Spring Chinook, a stock at risk, occur in the stream; habitat conditions (high cobble embeddedness) are degraded with evidence that it is affecting biological communit	
Temperature-Spawning	Category 5	9 of 9 7-DADM values > spawning criteria	UmpNF-003
Temperature- Year Round	Category 5	680 of 881 7-DADM values > criteria	UmpNF-003

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	176 of 602 7-DADM values > criteria Record ID: 23396- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 33457 River Mile 0.49 FROM 8/22/2006 To 9/18/2007 2 out of 2 (100%) samples outside WCCP regional criteria.	UmpNF-078
BioCriteria	Category 5		33457-ORDEQ
Temperature- Spawning	Category 5	2 of 4 7DADM values > spawning criteria	UmpNF-038
Temperature- Year Round	Category 5	226 of 555 7-DADM values > criteria Record ID: 5435- Previous Data: Scores for riffle samples ranged from 32 to 52 from 1989 - 1992 indicating moderately to severely impaired conditions (Jackson Creek Watershed Analysis, 1995).	UmpNF-038
BioCriteria	Category 5	Record ID: 5495- Coho and Searun Cutthroat which have been petitioned under the ESA and Spring Chinook, a stock at risk, occur in the stream; habitat conditions (LWD) are degraded with evidence that it is affecting biological communities (USFS, 95). Streams contribute t	
Habitat Modification	Category 4C	Record ID: 5568- 2004 Data: [DEQ] LASAR 26973 River Mile 14.9: From 8/27/2002 to 8/28/2002, 0 out of 2 samples (0%) outside pH criteria range 6.5 to 8.5. [DEQ] LASAR 29271 River Mile 10.5: From 8/27/2002 to 8/28/2002, 0 out of 2 samples	
pH	Category 4A	(0%) outside pH criteria range	

Assessment	IR_category	Rationale	Monitoring_locations
Sedimentation Temperature- Spawning Temperature- Year Round	Category 4A	Record ID: 5604- Previous Data: Coho and Searun Cutthroat which have been petitioned under the ESA and Spring Chinook, a stock at risk, occur in the stream; habitat conditions (excessive fine sediment) are degraded with evidence that it is affecting biological communiti	
	Category 5	248 out of 248 spawning period 7DADM values exceed criteria	UmpNF-048; UmpNF-049; UmpNF-050
	Category 5	1561 out of 1811 7DADM values exceed criteria	UmpNF-048; UmpNF-049; UmpNF-050
BioCriteria Habitat Modification	Category 5	Record ID: 5435- Previous Data: Scores for riffle samples ranged from 32 to 52 from 1989 - 1992 indicating moderately to severely impaired conditions (Jackson Creek Watershed Analysis, 1995).	
	Category 4C	Carried forward from previous listing	
Sedimentation Temperature- Spawning Temperature- Year Round	Category 4A	Record ID: 5604- Previous Data: Coho and Searun Cutthroat which have been petitioned under the ESA and Spring Chinook, a stock at risk, occur in the stream; habitat conditions (excessive fine sediment) are degraded with evidence that it is affecting biological communiti	
	Category 5	274 of 395 7-DADM values > spawning criteria	UmpNF-045; UmpNF-046; UmpNF-047
	Category 5	644 of 1288 7-DADM values > criteria	UmpNF-045; UmpNF-046; UmpNF-047

Assessment	IR_category	Rationale	Monitoring_locations
BioCriteria	Category 5	Record ID: 5434- Previous Data: Cumulative score for Dumont Creek indicated moderately impaired values suggesting habitat or water quality limitations (Dumont Creek Watershed Assessment, 1995 Supplement, USFS).	
Habitat Modification	Category 4C	Record ID: 5684- Coho and Searun Cutthroat which have been petitioned under the ESA and Spring Chinook, a stock at risk, occur in the stream; habitat conditions (lack of LWD) are below DFC (Dumont Creek Watershed Assessment, 95 Supplement (USFS). Streams contribute to t	
Temperature- Year Round	Category 5	543 of 652 7-DADM values > criteria	UmpNF-036
Temperature- Spawning	Category 5	9 of 9 7DADM values exceed spawning criteria.	UmpNF-031
Temperature- Year Round	Category 5	777 of 993 7-DADM values > criteria	UmpNF-031
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds Record ID: 5476- Coho and Searun Cutthroat which have been petitioned under the ESA and Spring Chinook, a stock at risk, occur in the stream; habitat conditions (lack of LWD and pools, pool depth) have been rated very low (USFS, 1993).	33458-ORDEQ
Habitat Modification	Category 4C	13 out of 13 spawning period 7DADM values exceed criteria	UmpNF-007
Temperature- Spawning	Category 5		
Temperature- Year Round	Category 5	788 out of 797 7DADM values exceed criteria	UmpNF-007

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 5361- Previous Data: USFS Data (Site at mouth): 7 day average of daily maximums of 73.8/71.2/73.7/71.3/75.6 exceeded temperature standard (64) in 1990/91/92/93/94 respectively. Above Last Creek in 1997 was 65.4??F	
Sedimentation	Category 4A	Record ID: 9373- Previous Data: Coho and Searun Cutthroat which have been petitioned under the ESA and Spring Chinook, a stock at risk, occur in the stream; habitat conditions (excessive fine sediment) are degraded (USFS, 95).	
Flow Modification	Category 4C	Record ID: 5510- USGS flow data shows segment does not meet instream water rights during parts of the year. Searun Cutthroat and coho have severely depressed populations and low flows and flow alteration due to withdrawals have been identified as one of the limiting fac Record ID: 9373- Previous Data: Coho and Searun Cutthroat which have been petitioned under the ESA and Spring Chinook, a stock at risk, occur in the stream; habitat conditions (excessive fine sediment) are degraded (USFS, 95).	
Sedimentation Temperature- Year Round	Category 4A Category 5	1464 out of 2421 7DADM values exceed criteria UmpNF-074; UmpNF-075; UmpNF-076	
Flow Modification	Category 4C	Record ID: 5494- Coho have severely depressed populations and low flows and flow alteration due to withdrawals have been identified as one of the limiting factors (ODFW, 92); IWR (59916) are often not met at USGS gage (14308500).	

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 5823- Previous Data: 1995 data shows exceedance of temperature criteria, 7 day aver. max. 70.2??F; Record ID: 5825- Previous Data: 1995/96 data shows exceedance of temperature criteria, 7 day aver. max. 67.5/67.4??F; Record ID: 12974- 2004 Data: [DEQ/InSight] LASAR 23885 River Mile 11: From 6/18/2000 to 9/29/2002, 130 days with 7-day-average maximum > 16 degrees Celsius. [DEQ] LASAR 23886 River Mile 13.5: From 6/18/2000 to 8/4/2000, 48 days with 7-day-average maximum > 16 degrees C; Record ID: 13028- 2004 Data: [DEQ/InSight] LASAR 30160 River Mile 9.2: From 7/4/2002 to 9/12/2002, 62 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5	Record ID: 13028- 2004 Data: [DEQ/InSight] LASAR 30160 River Mile 9.2: From 7/4/2002 to 9/12/2002, 62 days with 7-day-average maximum > 16 degrees Celsius.	
Temperature- Year Round	Category 5	370 of 651 7-DADM values > criteria	UmpNF-040
Temperature- Year Round	Category 5	448 of 667 7-DADM values > criteria	UmpNF-035
E. coli	Category 5	8 geometric means > 126 organisms per 100 mL; 20 of 213 samples > 406 organisms per 100 mL	12570-ORDEQ; CAN_17; CAN_18; CAN_6A; CAN_7A

Assessment	IR_category	Rationale	Monitoring_locations
Temperature-Spawning	Category 5	Carried forward from previous listing	
Temperature- Year Round	Category 5	51 of 77 7-DADM values > criteria Record ID: 5747- Streams contribute to the habitat of fish species protected by the Oregon Plan and the Stream Survey indicates that a majority of the 2-5 order streams in the watershed do not met either the Large Woody Debris Frequency (for 50%of the stream length 4 or	12570-ORDEQ
Habitat Modification	Category 4C	Record ID: 13084- 2004 Data: [BLM - Roseburg] LASAR 27862 River Mile 2.6: From 5/16/1999 to 9/23/2000, 0 days with 7-day-average maximum > 18 degrees Celsius. [BLM - Roseburg] LASAR 27953 River Mile 2.6: From 6/3/2001 to 9/21/2002, 9 days with 7-day-average maximum > 1	
Temperature- Year Round	Category 5		
BioCriteria	Category 5	Falls below PREDATOR O:E thresholds	dfw_8142
E. coli	Category 5	7 of 17 samples > 406 organisms per 100 mL	34128-ORDEQ
Temperature- Year Round	Category 5	69 of 90 7-DADM values > criteria	40111-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Habitat Modification	Category 4C	Record ID: 5732- Streams contribute to the habitat of fish species protected by the Oregon Plan and the Stream Survey indicates that a majority of the 2-5 order streams in the watershed do not met either the Large Woody Debris Frequency (for 50%of the stream length 4 or	
Dissolved Oxygen-Spawning	Category 4A	4 of 11 samples < 11 mg/L and 95% sat	34127-ORDEQ; 37488-ORDEQ; 37490-ORDEQ
E. coli	Category 5	7 geometric means > 126 organisms per 100 mL; 7 of 52 samples > 406 organisms per 100 mL	34127-ORDEQ; 37488-ORDEQ; 37490-ORDEQ
Habitat Modification	Category 4C	Record ID: 5732- Streams contribute to the habitat of fish species protected by the Oregon Plan and the Stream Survey indicates that a majority of the 2-5 order streams in the watershed do not met either the Large Woody Debris Frequency (for 50%of the stream length 4 or	
Temperature- Year Round	Category 5	899 of 1378 7-DADM values > criteria	27924-ORDEQ; 34127-ORDEQ; 37488-ORDEQ; 37490-ORDEQ; 40110-ORDEQ; 40112-ORDEQ; 40113-ORDEQ; 40115-ORDEQ; 40116-ORDEQ; 40117-ORDEQ; 40118-ORDEQ

Assessment	IR_category	Rationale	Monitoring_locations
Temperature- Year Round	Category 5	Record ID: 5387- Previous Data: BLM Data (Site at mouth): 7 day average of daily maximums of 71.9/72.3/72.5/75.9??F for years 1992/94/95/96 exceeded temperature standard (64).; Record ID: 13060- 2004 Data: [BLM - Roseburg] LASAR 27845 River Mile 0.1: From 6/27/1999 to 9/14/2002, 56 days with 7-day-average maximum > 18 degrees Celsius. [BLM - Roseburg] LASAR 27865 River Mile 0.1: From 6/27/1999 to 10/2/1999, 66 days with 7-day-average maximum Record ID: 24067- 2010 Data: EPA addition to 303(d) list 12/14/2012: LASAR 34718 River Mile 0.01 FROM 9/9/2007 To 9/9/2007 1 out of 1 (100%) samples outside WCCP regional criteria.	
BioCriteria	Category 5	Record ID: 5746- Streams contribute to the habitat of fish species protected by the Oregon Plan and the Stream Survey indicates that a majority of the 2-5 order streams in the watershed do not met either the Large Woody Debris Frequency (for 50%of the stream length 4 or	
Habitat Modification	Category 4C	Record ID: 5747- Streams contribute to the habitat of fish species protected by the Oregon Plan and the Stream Survey indicates that a majority of the 2-5 order streams in the watershed do not met either the Large Woody Debris Frequency (for 50%of the stream length 4 or	
Habitat Modification	Category 4C		

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fishing
2010	YES	Water Contact Recreation
2018	YES	Fishing
2018	YES	Fishing
2012	YES	Water Contact Recreation
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2010	YES	Water Contact Recreation
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2010	YES	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fishing
2010	YES	Water Contact Recreation
2018	YES	Fishing
2018	YES	Fishing
2018	YES	Fishing
2004	NO	Fishing
2012	NO	Water Contact Recreation
2004	NO	Fish and Aquatic Life
2004	NO	Fishing
2004	NO	Water Contact Recreation Fishing; Private Domestic Water Supply; Public
2012	NO	Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fishing
2004	NO	Water Contact Recreation Fishing; Private Domestic Water Supply; Public
2012	NO	Domestic Water Supply
2012	NO	Fishing
2004	NO	Fish and Aquatic Life
2004	NO	Fishing
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Water Contact Recreation
2004	NO	Fishing
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2004	NO	Fishing

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2002	NO	Fishing
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply
2018	YES	Water Contact Recreation
2002	NO	Fishing

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2012	YES	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fishing
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public
2012	YES	Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fishing
2010	NO	Boating; Aesthetic Quality Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fishing
1998	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation
1998	NO	Fishing Fishing; Private Domestic Water Supply; Public
2012	YES	Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Water Contact Recreation
1998	NO	Fish and Aquatic Life
2010	YES	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2018	YES	Fishing
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation
2004	NO	Fishing

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fishing
2004	NO	Fishing
2012	YES	Fish and Aquatic Life
2004	NO	Fishing Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply
2004	YES	Fishing
1998	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2018	YES	Water Contact Recreation
2002	NO	Fishing

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
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2010	NO	Fishing
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Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fishing Fishing; Private Domestic Water Supply; Public
2018	YES	Domestic Water Supply
2010	NO	Fish and Aquatic Life
2010	NO	Fishing

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2010	YES	Fish and Aquatic Life
2010	NO	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fishing
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
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1998	NO	Fishing
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Year_listed	Assessed_in_2018	Beneficial_uses
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2010	NO	Fish and Aquatic Life
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Year_listed	Assessed_in_2018	Beneficial_uses
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2010	NO	Fishing
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2010	NO	Fish and Aquatic Life
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2010	NO	Fishing
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2010	NO	Fishing
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Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Water Contact Recreation
1998	NO	Fishing
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing
2010	NO	Water Contact Recreation
2010	NO	Fishing

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
1998	NO	Fishing
2010	NO	Fish and Aquatic Life
2004	NO	Fishing

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Water Contact Recreation
1998	NO	Fishing

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2012	YES	Aesthetic Quality
2012	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply
2012	YES	Fishing
2004	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fishing
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2004	NO	Fishing
2010	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Fish and Aquatic Life Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Water Contact Recreation Fishing; Private Domestic Water Supply; Public
2018	YES	Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2018	YES	Domestic Water Supply
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Aesthetic Quality
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fish and Aquatic Life
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public
2012	YES	Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2012	NO	Domestic Water Supply
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	NO	Water Contact Recreation
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	NO	Water Contact Recreation
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public
2012	YES	Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2012	YES	Domestic Water Supply
2010	NO	Fish and Aquatic Life
2010	NO	Water Contact Recreation Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fish and Aquatic Life
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fish and Aquatic Life
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Water Contact Recreation Fishing; Private Domestic Water Supply; Public
2012	YES	Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2004	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2018	YES	Domestic Water Supply Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering
2018	YES	Fish and Aquatic Life
2004	NO	Aesthetic Quality

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering Fishing; Private Domestic Water Supply; Public
2018	YES	Domestic Water Supply
2004	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	YES	Aesthetic Quality
2002	NO	Fish and Aquatic Life
1998	YES	Fish and Aquatic Life
1998	NO	Aesthetic Quality Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2018	YES	Livestock Watering Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public
2018	YES	Domestic Water Supply
1998	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public
2018	YES	Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2010	NO	Aesthetic Quality
2002	NO	Fish and Aquatic Life Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2018	YES	Livestock Watering

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Aesthetic Quality
1998	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing; Livestock Watering
2010	YES	
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Boating; Aesthetic Quality
1998	NO	Boating; Aesthetic Quality
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2010	NO	Water Contact Recreation Fishing; Private Domestic Water Supply; Public
2018	YES	Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2010	NO	Water Contact Recreation Fishing; Private Domestic Water Supply; Public
2018	YES	Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Water Contact Recreation
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	YES	Livestock Watering

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing; Livestock Watering
2010	NO	Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing; Livestock Watering
2010	NO	Fish and Aquatic Life Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing; Livestock Watering
2010	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fish and Aquatic Life
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2010	NO	Water Contact Recreation
2010	NO	Fish and Aquatic Life; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Boating; Aesthetic Quality
1998	NO	Boating; Aesthetic Quality Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2012	NO	Livestock Watering

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing; Livestock Watering
2010	NO	Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing; Livestock Watering
2012	NO	Livestock Watering
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
1998	NO	Boating; Aesthetic Quality
2012	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Water Contact Recreation
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing; Livestock Watering
1998	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2004	YES	Aesthetic Quality Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing; Livestock Watering
2010	NO	Livestock Watering
2010	YES	Fish and Aquatic Life
1998	NO	Boating; Aesthetic Quality
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
1998	NO	Boating; Aesthetic Quality
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2018	YES	Aesthetic Quality Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering
2004	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing; Livestock Watering
2018	YES	Water Contact Recreation
1998	NO	Boating; Aesthetic Quality
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2004	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Boating; Aesthetic Quality
1998	NO	Aesthetic Quality
2018	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Water Contact Recreation Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering
2018	YES	Fish and Aquatic Life
1998	NO	Aesthetic Quality Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Boating; Aesthetic Quality
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering
2004	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public
2002	YES	Domestic Water Supply Private Domestic Water Supply; Public Domestic Water Supply; Water Contact
2010	NO	Recreation; Fishing; Livestock Watering Fishing; Private Domestic Water Supply; Public
2002	NO	Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2018	YES	Domestic Water Supply
2004	NO	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2004	NO	Water Contact Recreation
2010	NO	Fish and Aquatic Life
2004	NO	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life
2010	NO	Boating; Aesthetic Quality
2012	YES	Aesthetic Quality
2018	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply
2010	NO	Fish and Aquatic Life
2012	YES	Aesthetic Quality
2012	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
1998	NO	Boating; Aesthetic Quality
2010	NO	Aesthetic Quality
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
1998	NO	Boating; Aesthetic Quality
2010	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Aesthetic Quality Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering
2004	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2010	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply
2004	NO	Fish and Aquatic Life Private Domestic Water Supply; Public Domestic Water Supply; Water Contact
2010	NO	Recreation; Fishing; Livestock Watering
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Domestic Water Supply
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	YES	Aesthetic Quality
2002	YES	Fish and Aquatic Life Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing; Livestock Watering
2010	NO	Livestock Watering
2002	YES	Fish and Aquatic Life
2004	YES	Aesthetic Quality

Year_listed	Assessed_in_2018	Beneficial_uses
2002	YES	Fish and Aquatic Life Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering Fishing; Private Domestic Water Supply; Public
2018	YES	Domestic Water Supply
2002	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Aesthetic Quality

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Aesthetic Quality
1998	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Aesthetic Quality
2004	YES	Fish and Aquatic Life Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2018	YES	Livestock Watering

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public
2012	NO	Domestic Water Supply Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering
2004	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2010	YES	Aesthetic Quality Fishing; Private Domestic Water Supply; Public
2012	NO	Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2012	NO	Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2012	NO	Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2012	NO	Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2010	NO	Aesthetic Quality Fishing; Private Domestic Water Supply; Public
2012	NO	Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fish and Aquatic Life
2018	YES	Water Contact Recreation
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	YES	
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	YES	Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
1998	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public
2012	YES	Domestic Water Supply
2012	YES	Aesthetic Quality
1998	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	YES	Water Contact Recreation
1998	NO	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2010	NO	Aesthetic Quality Fishing; Private Domestic Water Supply; Public
2012	NO	Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2012	NO	Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2012	NO	Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2012	NO	Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fish and Aquatic Life
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply
2012	YES	Aesthetic Quality

Year_listed	Assessed_in_2018	Beneficial_uses
1998	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2010	YES	Water Contact Recreation
2010	NO	Water Contact Recreation
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Domestic Water Supply
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public
2018	YES	Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Aesthetic Quality
2010	NO	Water Contact Recreation
2010	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply
2018	YES	Water Contact Recreation
2010	NO	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply
2010	YES	Water Contact Recreation
2010	NO	Water Contact Recreation
2012	YES	Fish and Aquatic Life
2010	NO	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Water Contact Recreation
2010	NO	Water Contact Recreation Fishing; Private Domestic Water Supply; Public
2012	YES	Domestic Water Supply
2012	YES	Water Contact Recreation
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Aesthetic Quality
2018	YES	Water Contact Recreation
2010	NO	Water Contact Recreation
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Aesthetic Quality Fishing; Private Domestic Water Supply; Public
2012	NO	Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2012	NO	Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2012	NO	Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2012	NO	Domestic Water Supply
2012	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
1998	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
1998	YES	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
1998	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
1998	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Water Contact Recreation
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply
2002	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Water Contact Recreation
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Water Contact Recreation
2012	YES	Fish and Aquatic Life
1998	YES	Fish and Aquatic Life
2010	YES	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
1998	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
1998	YES	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
1998	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life
1998	YES	Fish and Aquatic Life
2018	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Water Contact Recreation
2002	NO	Fish and Aquatic Life
1998	YES	Fish and Aquatic Life
2010	YES	Water Contact Recreation
2018	YES	Fish and Aquatic Life
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Aesthetic Quality

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Aesthetic Quality

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2002	NO	Aesthetic Quality

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Aesthetic Quality
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Aesthetic Quality
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2010	NO	Water Contact Recreation
2002	NO	Aesthetic Quality
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2002	NO	Aesthetic Quality
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Water Contact Recreation
2002	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2010	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	YES	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2002	NO	Aesthetic Quality
2002	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	NO	
2002	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2002	NO	Water Contact Recreation
2004	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2002	NO	Aesthetic Quality
2002	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2002	NO	Aesthetic Quality
2002	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life Fish and Aquatic Life; Private Domestic Water Supply; Public Domestic Water Supply
2002	NO	Supply
2004	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2002	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply
2002	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life; Private Domestic Water Supply; Public Domestic Water Supply
2010	YES	Fish and Aquatic Life
2010	YES	Water Contact Recreation
2010	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	YES	Fish and Aquatic Life
2010	YES	Fishing; Public Domestic Water Supply; Private Domestic Water Supply
2010	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	YES	Fish and Aquatic Life
2010	YES	Fishing; Public Domestic Water Supply; Private Domestic Water Supply
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	YES	Fishing; Public Domestic Water Supply; Private Domestic Water Supply
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Domestic Water Supply
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply
2004	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life; Private Domestic Water Supply; Public Domestic Water Supply
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	YES	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life; Private Domestic Water Supply; Public Domestic Water Supply
2002	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
1998	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	YES	Fish and Aquatic Life
2012	YES	Water Contact Recreation
2018	YES	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Water Contact Recreation
2004	YES	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
1998	YES	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	YES	Water Contact Recreation
2012	YES	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
1998	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
1998	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
1998	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply
2002	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Domestic Water Supply
2004	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
1998	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public
2012	YES	Domestic Water Supply
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2004	NO	Water Contact Recreation
2004	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Domestic Water Supply
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fish and Aquatic Life
1998	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2004	YES	Water Contact Recreation
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Private Domestic Water Supply; Public Domestic Water Supply; Fishing
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	NO	Private Domestic Water Supply; Public Domestic Water Supply; Fishing
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	NO	Private Domestic Water Supply; Public Domestic Water Supply; Fishing
2004	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	NO	Private Domestic Water Supply; Public Domestic Water Supply; Fishing
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Private Domestic Water Supply; Public Domestic Water Supply; Fishing
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2004	NO	Water Contact Recreation
2018	YES	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Water Contact Recreation Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Water Contact Recreation
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	YES	Fish and Aquatic Life
2004	NO	Water Contact Recreation
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Water Contact Recreation
2018	YES	Fish and Aquatic Life
2004	NO	Water Contact Recreation
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2010	YES	Domestic Water Supply
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life Fish and Aquatic Life; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation
2018	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation
1998	NO	Aesthetic Quality
2018	YES	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation
2018	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Aesthetic Quality Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fish and Aquatic Life
2012	NO	Water Contact Recreation
2004	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Water Contact Recreation
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life Fish and Aquatic Life; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fish and Aquatic Life
2012	NO	Water Contact Recreation
2012	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fish and Aquatic Life
2012	NO	Water Contact Recreation
2012	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2010	YES	Water Contact Recreation
2012	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fish and Aquatic Life
2010	NO	Water Contact Recreation
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life Fish and Aquatic Life; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2010	NO	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life
2012	YES	Boating; Aesthetic Quality
2004	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Fish and Aquatic Life
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Domestic Water Supply
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	YES	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2012	NO	Boating; Aesthetic Quality
2004	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2010	YES	Water Contact Recreation
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Water Contact Recreation
2012	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Fish and Aquatic Life
2010	YES	Water Contact Recreation Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	YES	Domestic Water Supply
2004	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	YES	Domestic Water Supply Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	YES	Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public
2002	NO	Domestic Water Supply
2004	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public
2002	NO	Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2002	NO	Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2002	NO	Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Water Contact Recreation
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2004	YES	Aesthetic Quality
2012	YES	Fish and Aquatic Life Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing;
2010	NO	Livestock Watering
2012	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public
2012	YES	Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	YES	Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public
2002	YES	Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2002	YES	Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2012	YES	Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2012	YES	Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2010	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	NO	Private Domestic Water Supply; Public Domestic Water Supply; Fishing
2010	NO	Fish and Aquatic Life
2002	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Boating; Aesthetic Quality
2004	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public
2002	YES	Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2002	YES	Domestic Water Supply Fishing; Private Domestic Water Supply; Public
2002	YES	Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2010	NO	Fish and Aquatic Life
1998	NO	Water Contact Recreation
1998	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life; Private Domestic Water Supply; Public Domestic Water Supply
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2018	YES	Water Contact Recreation
2018	YES	Water Contact Recreation
2002	NO	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Water Contact Recreation
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
1998	NO	Water Contact Recreation
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Water Contact Recreation
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
1998	YES	Aesthetic Quality
2012	YES	Fish and Aquatic Life
1998	NO	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
1998	YES	Fish and Aquatic Life
1998	YES	Aesthetic Quality
2012	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2002	NO	Water Contact Recreation
1998	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
1998	NO	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2010	NO	Water Contact Recreation
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
1998	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2010	NO	Water Contact Recreation
2004	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2002	NO	Water Contact Recreation
2012	YES	Fish and Aquatic Life
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Water Contact Recreation
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2012	YES	Water Contact Recreation
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2010	NO	Water Contact Recreation
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
	YES	Fish and Aquatic Life
2010	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2010	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2004	YES	Water Contact Recreation
2012	YES	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
1998	YES	Aesthetic Quality
2018	YES	Water Contact Recreation
2018	YES	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
1998	NO	Aesthetic Quality

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2002	YES	Water Contact Recreation
2012	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2002	YES	Water Contact Recreation
2012	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Water Contact Recreation
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Water Contact Recreation
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2002	YES	Water Contact Recreation
2012	YES	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2004	YES	Water Contact Recreation
2012	YES	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2002	NO	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Aesthetic Quality
2012	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	YES	Water Contact Recreation
2012	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2018	YES	Water Contact Recreation
2002	NO	Water Contact Recreation
2012	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2002	NO	Water Contact Recreation
1998	NO	Fish and Aquatic Life
2002	YES	Water Contact Recreation
2002	NO	Water Contact Recreation
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Water Contact Recreation
2018	YES	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2004	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Water Contact Recreation
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2010	YES	Water Contact Recreation
2012	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public
2012	NO	Domestic Water Supply
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	NO	Private Domestic Water Supply; Public Domestic Water Supply; Fishing
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Water Contact Recreation Fishing; Private Domestic Water Supply; Public
2012	NO	Domestic Water Supply
2012	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public
2002	YES	Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public
2010	YES	Domestic Water Supply
2010	YES	Aesthetic Quality
2010	NO	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public
2002	YES	Domestic Water Supply
2002	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2002	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
1998	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fish and Aquatic Life
2010	YES	Water Contact Recreation Fishing; Private Domestic Water Supply; Public
2012	YES	Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Private Domestic Water Supply; Public Domestic Water Supply; Water Contact Recreation; Fishing; Livestock Watering
2010	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fish and Aquatic Life
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	YES	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	NO	Private Domestic Water Supply; Public Domestic Water Supply; Fishing
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation
2018	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Domestic Water Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Water Contact Recreation
2010	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	YES	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2004	NO	Water Contact Recreation
2004	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Water Contact Recreation
2004	NO	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Water Contact Recreation
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2002	NO	Water Contact Recreation
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Water Contact Recreation
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Water Contact Recreation
2004	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2002	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2012	NO	Water Contact Recreation
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2004	YES	Water Contact Recreation
2002	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Water Contact Recreation
2002	NO	Water Contact Recreation
2012	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2004	YES	Water Contact Recreation
2002	NO	Water Contact Recreation
2002	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Water Contact Recreation
2010	NO	Water Contact Recreation
2018	YES	Fish and Aquatic Life
2002	NO	Water Contact Recreation
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2002	NO	Water Contact Recreation
2002	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation
2002	NO	Water Contact Recreation
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2002	NO	Water Contact Recreation
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2004	YES	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Water Contact Recreation
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Water Contact Recreation
2010	NO	Water Contact Recreation
	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	YES	Fish and Aquatic Life
2010	NO	Water Contact Recreation
	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Water Contact Recreation
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2018	YES	Water Contact Recreation
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life Fish and Aquatic Life; Private Domestic Water Supply; Public Domestic Water Supply
2010	NO	Supply
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
1998	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation
1998	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation
2010	NO	Fish and Aquatic Life Fish and Aquatic Life; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation
	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	YES	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2010	NO	Water Contact Recreation
2012	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	YES	Fish and Aquatic Life
2010	YES	Water Contact Recreation
	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
	YES	Fish and Aquatic Life
1998	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2002	NO	Water Contact Recreation
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Water Contact Recreation
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Water Contact Recreation
2012	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life
2002	NO	Water Contact Recreation
2004	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2004	NO	Water Contact Recreation
2004	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2002	NO	Domestic Water Supply
2002	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2010	NO	Water Contact Recreation
2002	NO	Fish and Aquatic Life
2004	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2002	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2004	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fishing; Private Domestic Water Supply; Public Domestic Water Supply
2012	YES	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2004	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life Fish and Aquatic Life; Private Domestic Water Supply; Public Domestic Water Supply
2018	YES	Supply

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
1998	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
1998	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2012	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2012	YES	Fish and Aquatic Life
2012	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation
2018	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2002	NO	Fish and Aquatic Life
2018	YES	Fish and Aquatic Life
2018	YES	Water Contact Recreation
2002	NO	Fish and Aquatic Life
2010	YES	Fish and Aquatic Life

Year_listed	Assessed_in_2018	Beneficial_uses
2010	NO	Fish and Aquatic Life
2010	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life
2002	NO	Fish and Aquatic Life



Attachment B: ORWAP Score Sheet

ORWAP V.3.2 Site Name:	Veranda Pleasant Valley- Wetland 1
Investigator Name:	Stacey Reed, PWS
Date of Field Assessment:	12/2/2022
<i>Scores will appear below after data are entered in worksheets OF, F, T, and S. See Manual for definitions and descriptions of how scores were computed and ratings assigned.</i>	

<i>Normalized Scores & Ratings for this Assessment Area (AA):</i>								
Specific Functions or Values:	Function Score	Function Rating	Rating Break Proximity	Values Score	Values Rating	Rating Break Proximity	Function Score (raw)	Values Score (raw)
Water Storage & Delay (WS)	10.00	Higher		0.00	Lower		10.00	0.00
Sediment Retention & Stabilization (SR)	3.99	Moderate	LM	4.18	Moderate		4.27	3.18
Phosphorus Retention (PR)	10.00	Higher		1.73	Lower		10.00	1.44
Nitrate Removal & Retention (NR)	10.00	Higher		1.38	Lower		10.00	1.44
Anadromous Fish Habitat (FA)	0.00	Lower		0.00	Lower		0.00	0.00
Resident Fish Habitat (FR)	0.00	Lower		0.00	Lower		0.00	0.00
Amphibian & Reptile Habitat (AM)	5.79	Moderate		6.67	Moderate	MH	5.24	6.67
Waterbird Nesting Habitat (WBN)	0.00	Lower		0.00	Lower		0.00	0.00
Waterbird Feeding Habitat (WBF)	0.00	Lower		0.00	Lower		0.00	0.00
Aquatic Invertebrate Habitat (INV)	3.40	Lower	LM	2.02	Lower		5.01	2.55
Songbird, Raptor, Mammal Habitat (SBM)	4.24	Moderate	LM	4.67	Moderate		5.75	4.67
Water Cooling (WC)	2.22	Lower	LM	0.00	Lower		1.94	0.00
Native Plant Diversity (PD)	6.38	Moderate	MH	3.36	Lower	LM	5.72	3.36
Pollinator Habitat (POL)	6.96	Moderate	MH	3.61	Moderate		6.07	2.92
Organic Nutrient Export (OE)	0.00	Lower					0.00	
Carbon Sequestration (CS)	2.36	Lower					2.80	
Public Use & Recognition (PU)				2.18	Lower			2.96

Other Attributes:	Score	Rating	Rating Break Proximity		
Wetland Sensitivity (SEN)	2.61	Moderate	LM		4.68
Wetland Ecological Condition (EC)	1.59	Lower			3.33
Wetland Stressors (STR)	5.94	Higher	MH		5.47

GROUPS	Selected Function	Function Rating	Rating Break Proximity	Values Rating	Rating Break Proximity
Hydrologic Function (WS)	Water Storage & Delay (WS)	Higher		Lower	
Water Quality Support (SR, PR, or NR)	Phosphorus Retention (PR)	Higher		Lower	
Fish Habitat (FA or FR)	Anadromous Fish Habitat (FA)	Lower		Lower	
Aquatic Habitat (AM, WBF, or WBN)	Amphibian & Reptile Habitat (AM)	Moderate		Moderate	MH
Ecosystem Support (WC, INV, PD, POL, SBM, or OE)	Songbird, Raptor, Mammal Habitat (SBM)	Moderate	LM	Moderate	

NOTE: A score of 0 does not always mean the function or value is absent from the wetland. It usually means that this wetland has equal or less capacity than the lowest-scoring one, for that function or value, from among the 200 calibration wetlands that were assessed previously by Oregon Department of State Lands.



Attachment C: Foster Creek Wetland Mitigation Bank DSL Approved Service Area

