



Oregon

Kate Brown, Governor

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December 19, 2017

Michael Lidgard, Acting Director
Office of Water and Watersheds
USEPA Region 10
1200 Sixth Avenue, OWW-135
Seattle, WA 98101

Re: Submittal of the Upper Klamath and Lost River Subbasins TMDL & WQMP

Dear Mr. Lidgard:

Enclosed please find a copy of the final version of the revised Upper Klamath and Lost River Subbasins Total Maximum Daily Load (TMDL) document and the companion Water Quality Management Plan (WQMP). This TMDL document was developed under §303(d) of the Clean Water Act (CWA) and is being submitted via this transmittal to the US Environmental Protection Agency (USEPA) for review and approval. The original TMDL included allocations for temperature, nutrients and dissolved organic carbon and was issued in December 2010. Seven entities in the Klamath Basin requested reconsideration, which was granted by the Director of DEQ in early 2011. Portions of the TMDL allocating nutrients were approved by USEPA in May of 2012. Litigation over Oregon's temperature standard led USEPA to take no action on the temperature component of the TMDLs. The enclosed document has been updated to include new information and revised nutrient allocations in response to the request for reconsideration. This submittal does not include a temperature TMDL, as USEPA is under court order to complete a temperature TMDL by April 2019.

The document includes allocations that address impairments of pH, Dissolved Oxygen, Chlorophyll-a, and Ammonia Toxicity. The updates to the document include removing the temperature component as a result of litigation, updating the ammonia analysis to ensure compliance with the 2015 ammonia criteria, and modifying the requirements for wastewater treatment facilities operated by the City of Klamath Falls and the South Suburban Sanitary District from an annual to a seasonal wasteload allocation expressed as a daily load.

ODEQ and California's North Coast Regional Water Quality Control Board (Regional Water Board) have worked cooperatively to develop TMDLs for the water quality impaired waterbodies in the Klamath Basin, including the Lost River and the Klamath Straits Drain, and the Klamath River from Link River to the Pacific Ocean. This modified TMDL meets the same targets at Oregon's border with California as the earlier-approved version. In addition, ODEQ and the Regional Water Board staff continue to work cooperatively on various implementation activities and strategies for the watershed as a whole.

The area covered by this TMDL document lies within the Oregon portion of the Klamath Basin (3rd field Hydrologic Unit Code (HUC) 180102 and includes the Upper Klamath Subbasin (HUC 18010206), the Lost River Subbasin (HUC 18010204). The flowing table outlines the TMDL's covered by the revised document.

Sub-basin	Water Body	River Miles	Parameter	Season (Beneficial Use)	Record ID
Klamath River	Klamath River	231.5 to 253	Ammonia Toxicity	Year round	15767
	Klamath River	231.5 to 253	Chlorophyll <i>a</i>	Summer	15776
	Klamath River	207 to 231.1	Dissolved Oxygen	1/1 – 5/15 (Spawning)	11587
	Klamath River	207 to 231.1	Dissolved Oxygen	Year round (Non-spawning)	11982
	Klamath River	231.1 to 251	Dissolved Oxygen	Year round (Non-spawning)	21093
	Klamath River	231.5 to 253	pH	Summer	15785
	KR Lake Ewauna	232.7 to 253.7	Ammonia	Year round	15510
	KR Lake Ewauna	232.7 to 253.7	Dissolved Oxygen	Year round	21088
	KR Lake Ewauna	232.7 to 253.7	pH	Year round	15514 / 15515
Lost River	Klamath Straits	0 to 9.8	Ammonia Toxicity	Year round	21952
	Klamath Straits	0 to 9.8	Chlorophyll <i>a</i>	Summer	2027
	Klamath Straits	0 to 9.8	Dissolved Oxygen	Year round (Non-spawning)	21949
	Lost River	4.8 to 65.4	Ammonia Toxicity	Year round	14826
	Lost River	4.8 to 65.4	Chlorophyll <i>a</i>	Summer	2029
	Lost River	4.8 to 65.4	Dissolved Oxygen	Year round (Non-spawning)	21087
	Lost River DC	0 to 0	Dissolved Oxygen	Year round	24489
	Lost River Reservoir	25.4 to 27.6	Chlorophyll <i>a</i>	Summer	2032
	Lost River Reservoir	25.4 to 27.6	Dissolved Oxygen	Summer	2015
	Lost River Reservoir	25.4 to 27.6	pH	Summer	2097

The public comment period for the draft Upper Klamath and Lost River Subbasins TMDL document was open from April 21, 2017 through June 22, 2017. Copies of the draft TMDL documents were made available online and by hard copy upon request.

An informational meeting followed by a public hearing was held in Klamath Falls, OR on May 18, 2017. All comments were addressed as part of the formal response to comments process.

Comments were received from:

- Klamath Water Users Association
- City of Klamath Falls
- Columbia Forest Products
- US EPA Region 10

Kuruk Tribe
Quartz Valley Indian Reservation
Klamath Drainage District
Collins Forest Products
Institute for Fisheries Resources

The Response to Comments document and the modified TMDLs are included with this submittal.

We look forward to your approval of this TMDL.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Whitman", written over a light blue horizontal line.

Richard Whitman
Director

Cc: Allan Henning, USEPA Region 10
Jenny Wu, USEPA Region 10

Attachments: TMDL, WQMP, Response to Comments, Order Memo

