



Oregon

Kate Brown, Governor

Department of Environmental Quality

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January 16, 2019

Dan Opalski, 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 Nutrient TMDL & WQMP

Dear Mr. Opalski:

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 nutrients, pH, and dissolved oxygen and was issued in December of 2017. Three entities in the Klamath Basin requested reconsideration, which was granted by the Director of DEQ in early 2018. The enclosed document has been updated to include new information as it pertains to the Water Management Districts and their responsibilities for TMDL Implementation Planning. 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. These allocations are unchanged from the December 2017 Upper Klamath and Lost River Subbasins TMDL and WQMP.

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 July 27, 2018 through August 10, 2018. Copies of the draft TMDL documents were made available online and by hard copy upon request.

DEQ did not hold a public meeting for the release of the TMDL as the public comment period was held to 14-days to respond to some very specific items.

All comments were addressed as part of the formal response to comments process. Comments were received from:

Oregon Water Resources Congress

Langell Valley Irrigation District
Horsefly Irrigation District
PacifiCorp

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

We look forward to your approval of this TMDL.

Sincerely,



Richard Whitman
Director, Oregon Department of Environmental Quality

Cc: Dave Croxton, USEP Region 10
Allan Henning, USEPA Region 10
Jenny Wu, USEPA Region 10

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

To: Upper Klamath and Lost River Subbasins TMDL File

Date: January 16, 2019

From: Richard Whitman, Director

Subject: Upper Klamath and Lost River Subbasins TMDL Order

On January 16, 2019 the revised Upper Klamath and Lost River Subbasins Nutrient TMDL and Water Quality Management Plan report was issued as an order by the Oregon Department of Environmental Quality (DEQ). The area covered by the Upper Klamath and Lost River Subbasins corresponds to two 4th field hydrologic unit codes (HUCs) 18010206 and 18010204, respectively.

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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
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DEQ did not hold a public meeting for the release of the TMDL as the public comment period was held to 14-days to respond to some very specific items.

DEQ has summarized the issues raised, prepared responses and made revisions to the revised TMDL and WQMP.

Comments were received from:

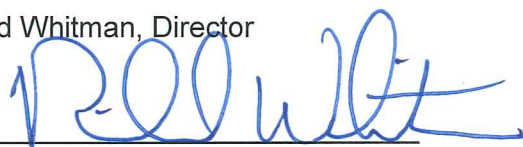
Oregon Water Resources Congress
Langell Valley Irrigation District
Horsefly Irrigation District
PacifiCorp

Should you have any questions about these TMDLs, please contact Mike Hiatt, 541-273-7002.

Issued by:

Richard Whitman, Director

Date: _____



Attachments: TMDL, WQMP, Response to Comments