



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10**

1200 Sixth Avenue, Suite 155
Seattle, WA 98101-3188

WATER DIVISION

Mr. Justin Green, Administrator
Water Quality Division
Oregon Department of Environmental Quality
700 NE Multnomah Street, Suite 600
Portland, Oregon 97232-4100

SEP 30 2019

Re: Approval of the Upper Klamath and Lost River Subbasins Temperature Total Maximum Daily Loads (TMDLs)

Dear Mr. Green:

Oregon Department of Environmental Quality (DEQ) submitted the *Upper Klamath and Lost Subbasins Temperature Total Maximum Daily Loads (TMDLs) and Water Quality Management Plan* document to the U.S. Environmental Protection Agency (EPA) on September 19, 2019. Following our review, the EPA is pleased to approve the temperature TMDLs for the waters listed in the tables below.

Table 1. Impaired Waters from Oregon's 2012 303(d) List

Waterbody	303(d) ID	LLID	River Mile
Mainstem Klamath River			
Klamath River	12840	1221913420005	207 to 231.1
Upper Klamath subbasin			
Beaver Creek	12872	1223661421184	0 to 5.5
Grizzly Creek	2158	1223412421963	0 to 3
Hoxie Creek	2180	1224003422276	0.8 to 4.4
Jenny Creek	1984	1223747420009	0 to 17.8
Johnson Creek	2159	1223226421639	0 to 9.4
Keene Creek	2163	1223681420918	0 to 7.2
Keene Creek	2178	1223681420918	7.5 to 9.7
Mill Creek	2168	1224229421048	0 to 3.9
South Fork Keene Creek	2181	1224296421059	0 to 3.1
Spencer Creek	12815	1220277421487	0 to 18.9
Lost River subbasin			
Antelope Creek	24458	1211052420002	0 to 14.1
Antelope Creek	2182	1211052420002	2 to 3
Barnes Valley Creek	12738	1210575421742	0 to 14
Ben Hall Creek	12737	1210575421741	0 to 8.7
Buck Creek	12766	1214385421880	0 to 12.8
East Branch Lost River	24459	1211376420003	0 to 2.4
Lapham Creek	12726	1209025421777	0 to 4
Long Branch Creek	12732	1210179421718	0 to 4.6
Lost River	24463	1212146420011	4.8 to 65.4
Miller Creek	1993	1212045421207	0 to 9.6
North Fork Willow Creek	1994	1207871420005	0 to 2.3

Rock Creek	12729	1209316420368	0 to 4.3
Horse Canyon Creek	2166	1212355422566	0 to 2.2

Impaired Waters Added to Oregon's 2012 303d List by EPA

Subbasin	Water Body	River Miles
Klamath Straits Drain	1218729420836	0 to 9.8
Lost River Diversion Channel	1217911421801	0 to 7.9
Klamath River (Keno Dam to Upper Klamath Lake)	1221913420005	231.1 to 254.9

Our review of these TMDLs, and the supporting record, indicates that these TMDLs are approvable under section 303(d) and that the allocations in these TMDLs have been established at a level that, when fully implemented, will lead to the attainment of the water quality standards addressed by these TMDLs.

The TMDL submittal included the Upper Klamath and Lost Rivers Water Quality Management Plan (WQMP), which includes implementation strategies for the TMDL. The EPA has no duty to approve or disapprove implementation plans under Section 303(d) of the Clean Water Act (CWA); therefore, the EPA is taking no action on the WQMP.

By the EPA's approval, these TMDLs are now incorporated into Oregon's Water Quality Management Plan under Section 303(e) of the Clean Water Act. We appreciate the opportunity to work with your staff throughout the development of these TMDLs. In particular, Ryan Michie, DEQ's Senior Water Quality Analyst, should be commended for the thoroughness of his analysis in the development of these revised TMDLs.

We look forward to working with you during the implementation of these TMDLs and observing the water quality improvements which will be realized in the Upper Klamath and Lost River Subbasins. If you have any questions, please feel free to call me at (206) 553-1855 or Mr. Alan Henning of my staff at (541) 687-7360.

Sincerely,



Daniel D. Opalski
Director

- cc: Ms. Jennifer Wigal, Water Quality Deputy Administrator, DEQ (email)
 Mr. Gene Foster, Watershed Management Manager, DEQ (email)
 Mr. Ryan Michie, Water Quality Analyst, DEQ (email)
 Mr. Eric Nigg, Water Quality Manager, Bend Office, DEQ (email)
 Mr. Mike Hiatt, Klamath Basin Coordinator, Klamath Falls Office, DEQ (email)