

State of Oregon
 Department of Environmental Quality

Memorandum

To: Upper Klamath and Lost River Subbasins TMDL File **Date:** September 19, 2019

From: Richard Whitman, Director

Subject: Upper Klamath and Lost Subbasins Temperature TMDL Order

On September 19, 2019, the revised Upper Klamath and Lost Subbasins Temperature Total Maximum Daily Load (TMDL) was issued as an order by the Oregon Department of Environmental Quality (DEQ). The area covered by the Upper Klamath and Lost Subbasins corresponds to two 4th field hydrologic unit codes (HUCs) 18010206 and 18010204, respectively.

This TMDL document was developed under §303(d) of the Clean Water Act (CWA) and is being submitted to the US Environmental Protection Agency (USEPA) for review and approval. The temperature component was part of an overall TMDL issued in December 2010 but was withdrawn by DEQ as a result of the federal court decision on Oregon's natural conditions criteria that was part of the temperature water quality standard. DEQ, EPA and EPA's watershed contractor TetraTech worked to complete this TMDL ahead of the federal court ordered deadline of September 30, 2019.

The document includes allocations that address impairments of temperature on the main stem Klamath, the Lost River, and the tributaries to each of these waterbodies. The document includes allocations for the four point sources and nonpoint sources, as well as temperature targets for some Designated Management Agencies (DMAs) and responsible persons. The allocations on the Upper Klamath River meet Oregon temperature water quality standards and the California temperature water quality standards at Oregon-California state line.

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) and the Lost Subbasin (HUC 18010204). The following table outlines the impairments in the 2012 Integrated Report covered by the Upper Klamath and Lost Subbasins Temperature TMDL:

Waterbody Name	River Mile	Parameter	Period
Klamath River	231.1 to 253	Temperature	Summer
Klamath River	207 to 231.1	Temperature	Summer
Beaver Creek	0 to 5.5	Temperature	Year around
Grizzly Creek	0 to 3	Temperature	Summer
Hoxie Creek	0.8 to 4.4	Temperature	Summer
Jenny Creek	0 to 17.8	Temperature	Summer
Johnson Creek	0 to 9.4	Temperature	Summer
Keene Creek	0 to 7.2	Temperature	Summer
Keene Creek	7.5 to 9.7	Temperature	Summer
Mill Creek	0 to 3.9	Temperature	Summer
South Fork Keene Creek	0 to 3.1	Temperature	Summer
Spencer Creek	0 to 18.9	Temperature	Year around

Waterbody Name	River Mile	Parameter	Period
Unnamed Creek (Horse Canyon Creek) LIID 1212355422566	0 to 2.2	Temperature	Year around
Antelope Creek	2 to 3	Temperature	Year around
Antelope Creek	0 to 14.1	Temperature	Year around
Barnes Valley Creek	0 to 14	Temperature	Year around
Ben Hall Creek	0 to 8.7	Temperature	Year around
Buck Creek	0 to 12.8	Temperature	Year around
East Branch Lost River	0 to 2.4	Temperature	Year around
Lapham Creek	0 to 4	Temperature	Year around
Long Branch Creek	0 to 4.6	Temperature	Year around
Miller Creek	0 to 9.6	Temperature	Year around
North Fork Willow Creek	0 to 2.3	Temperature	Year around
Rock Creek	0 to 4.3	Temperature	Year around
Lost River	4.8 to 65.4	Temperature	Year around
Lost River Diversion Channel	0 to 7.9	Temperature	Year around
Klamath Straits Drain	0 to 9.8	Temperature	Year around

The public comment period for the draft Upper Klamath and Lost Subbasins Temperature TMDL document was open from May 15, 2019 through July 16, 2019. Copies of the draft TMDL documents were made available online and by hard copy upon request.

DEQ held a public meeting on June 26, 2019, that included an informational session and a public hearing. The public comment period was open for 60 days.

DEQ has summarized the comments received, prepared responses and made revisions to the TMDL.

Comments were received from:

- Bureau of Reclamation (11 pages)
- City of Klamath Falls (8 pages)
- EPA (8 pages)
- Karuk Tribe (13 pages)
- Klamath County Economic Development (1 page)
- Klamath Drainage District (4 pages)
- Klamath Water Users Association (27 pages)
- Langell Valley Irrigation District / Horsefly Irrigation District (14 pages)
- Oregon Department of Agriculture (7 pages)
- Oregon Farm Bureau (4 pages)
- Oregon Stream Protection Coalition (2 pages)
- PacifiCorp (52 pages)
- Quartz Valley Indian Reservation (12 pages)
- Yurok Tribe (30 pages plus 7 attachments)

Any questions regarding this TMDL should be directed to the DEQ Klamath Basin Coordinator, Mike Hiatt at 541-273-7002.

Issued by:


Richard Whitman, Director

Date: 9/19/2019

Attachments: TMDL, WQMP, Response to Comments

