

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LAHONTAN REGION**

RESOLUTION NO. R6T-2019-0276

**APPROVAL OF RECOMMENDATIONS FOR THE CLEAN WATER ACT SECTION
303(D) LIST OF WATER QUALITY-LIMITED SEGMENTS**

WHEREAS, the California Regional Water Quality Control Board, Lahontan Region (Water Board) finds:

1. Clean Water Act section 305(b) requires states to prepare and submit to the U.S. Environmental Protection Agency (US EPA) for approval a report assessing statewide surface water quality.
2. Clean Water Act section 303(d) and Title 40, Code of Federal Regulations section 130.7 requires states to develop and submit to the US EPA for approval a list of waterbodies for which water quality standards (beneficial uses and water quality objectives) are not attained, or are not expected to be attained with the implementation of technology-based controls. This list is referred to as the "Section 303(d) List".
3. The Section 303(d) List must include a description of the pollutants causing impairment and a completion date for development of a Total Maximum Daily Load (TMDL) for each pollutant.
4. The Section 303(d) List for the Lahontan Region was last approved by the State Water Resources Control Board (State Water Board) in 2015 for the 2012 Section 303(d) List. The 2012 Section 303(d) List was approved by US EPA in 2015.
5. The current approach to develop California's Clean Water Act section 303(d) and 305(b) Integrated Report is based on biennial cycles, with each cycle consisting primarily of assessments from three Regional Water Boards identified as "on-cycle" by the notice of solicitation.
6. On behalf of the Regional Water Boards, by letters dated November 3, 2016, the State Water Board solicited water quality information and data from the public for use in the next water quality assessment under Clean Water Act sections 303(d) and 305(b) for the three on-cycle Regional Water Boards, which includes the Lahontan Region. The results of the statewide assessment will be submitted to the US EPA as an "Integrated Report".
7. Water Board staff reviewed information and water quality data obtained from the public and from other public agencies, data collected through the State's Surface Water Ambient Monitoring Program (SWAMP), and data affecting the status of waterbody-pollutant combinations on the 2012 Section 303(d) List. All readily available data and information obtained were considered in the assessment process.

8. In developing recommendations for updating the Section 303(d) List, Water Board staff relied on the State Water Board's Water Quality Control Policy for Developing California's Clean Water Act Section 303(d) List (Listing Policy), that was last updated in 2015, as well as applicable federal guidelines and regulations.
9. Water Board provided notice and opportunity to comment on the draft recommendations during a 60-day public comment period that began on June 12th, 2019.
10. No action by the Water Board on staff's assessment of non-impaired waterbodies under Clean Water Act section 305(b) is required.
11. On November 20, 2019, the Water Board held a Public Hearing to consider recommendations to the State Water Board for revisions to the Section 303(d) List.
12. Water Board staff developed written responses to written public comments received during the comment period. The Water Board considered all written comments and public hearing testimony.

THEREFORE, BE IT RESOLVED THAT:

1. The Water Board hereby approves the enclosure to this Resolution, including the waterbody-pollutant combinations listed in the Integrated Report Categories 4a, 4b, and 5, as the recommended Section 303(d) List for the Lahontan Region.
2. The Executive Officer is authorized to transmit the Water Board's recommendations for the revised Section 303(d) List, and other supporting information to the State Water Board for its consideration.
3. In accordance with sections 6.2 and 6.3 of the Listing Policy, before the Executive Director of the State Water Board or the State Water Board approves the statewide 303(d) List, the State Water Board will provide advance notice and opportunity for public comment. The State Water Board will only consider timely public comment on the waters affected by the Water Board's listing recommendations, unless the Executive Director or the State Water Board elects to consider recommendations on other waters. To request that the State Water Board or Executive Director should review specific listing recommendations approved by the Water Board, the request must be submitted to the State Water Board within 30 days after the Water Board's approval.

I, Patty Z. Kouyoumdjian, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of a Resolution adopted by the California Regional Water Quality Control Board, Lahontan Region, on November 20, 2019.



EXECUTIVE OFFICER

Enclosure: Lahontan Region Clean Water Act Section 303(d) List of Impaired Waters

ENCLOSURE – LAHONTAN REGION CWA SECTION 303(d) LIST OF IMPAIRED WATERS

2018 Lahontan Region Category 4A Portion of 303(d) List

Category 4A Criteria: A water segment where ALL its 303(d) listings are being addressed; and 2) at least one of those listings is being addressed by a USEPA approved TMDL.

Addressed By is defined as:

- B = Being addressed by USEPA approved TMDL
- C = Being addressed by action(s) other than a TMDL

WATERBODY NAME/(COUNTY)	POLLUTANT	ADDRESSED BY	US EPA TMDL APPROVAL DATE
Bronco Creek (Nevada)	Sedimentation/Siltation	B	2009
Gray Creek (Nevada)	Sedimentation/Siltation	B	2009
Indian Creek Reservoir (Alpine)	Dissolved Oxygen, Phosphorus	B	2003
Squaw Creek (Placer)	Sedimentation/Siltation	B	2007
Tahoe, Lake (El Dorado, Placer)	Nitrogen, Phosphorus, Sedimentation/Siltation	B	2011

2018 Lahontan Region Category 4B Portion of 303(d) List

Category 4B Criteria: A water segment where ALL its 303(d) listings are being addressed by action(s) other than TMDL

WATERBODY NAME/(COUNTY)	POLLUTANT	PROGRAM COMPLETION DATE
Aspen Creek (Alpine)	Metals	2019
Bryant Creek (Alpine)	Metals	2019
Buckeye Creek (Mono)	Indicator Bacteria	2028
East Walker River, above Bridgeport Reservoir (Mono)	Indicator Bacteria	2028
Leviathan Creek (Alpine)	Metals	2019
Mid-Branch Buckeye Creek (Mono)	Indicator Bacteria	2028
Mono Lake (Mono)	Salinity/TDS/Chlorides	2019
Robinson Creek (Hwy 395 to Bridgeport Res.) (Mono)	Indicator Bacteria	2028
Robinson Creek (Twin Lakes to Hwy 395) (Mono)	Indicator Bacteria	2028
Searles Lake (San Bernardino)	Salinity/TDS/Chlorides, Total Petroleum Hydrocarbons	2019
Snowshoe Thompson Ditch 1 (Alpine)	Phosphorus Total Kjeldahl Nitrogen	2025

2018 Lahontan Region Category 5 Portion of 303(d) List

Category 5 criteria: A water segment where standards are not met and a TMDL is required, but not yet completed, for at least one of the pollutants being listed for this segment.

TMDL requirement status definitions:

- A = TMDL still required
- B = being addressed by USEPA approved TMDL
- C = being addressed by action other than a TMDL
- ALT = being addressed by USEPA approved TMDL alternative

Dates relate to the TMDL requirement status:

- A = TMDL scheduled completion date,
- B = Date USEPA approved TMDL
- C = Completion date for action other than a TMDL

WATERBODY NAME/ (COUNTY)	POLLUTANT	NEW LISTING(S)?	TMDL REQUIREMENT STATUS	TMDL COMPLETION OR APPROVAL DATE
Amargosa River (Nevada border to Tecopa) (Inyo)	Arsenic	No	5A	2031
Amargosa River (Tecopa to Upper Canyon) (Inyo)	Arsenic	No	5A	2031
Amargosa River (Willow Creek confluence to Badwater) (Inyo)	Arsenic	No	5A	2031
Arrowhead, Lake (San Bernardino)	Mercury	No	5A	2025

WATERBODY NAME/ (COUNTY)	POLLUTANT	NEW LISTING(S)?	TMDL REQUIREMENT STATUS	TMDL COMPLETION OR APPROVAL DATE
Bidwell Creek (Modoc)	Total Dissolved Solids	No	5A	2031
Bijou Park Creek (El Dorado)	Iron, Oil and Grease,	No	5A	2028
	Phosphorus, Nitrogen, Turbidity	No	5B	2011
Bishop Creek B-1 Drain (Inyo)	Indicator Bacteria	Yes	5A	2031
Bishop Creek Canal (Inyo)	Indicator Bacteria	Yes	5A	2031
Bishop Creek Forks (North and South Forks below bifurcation (Inyo)	Indicator Bacteria	Yes	5A	2031
Blackwood Creek (Placer)	Iron	No	5A	2031
	Nitrogen, Phosphorus	No	5B	2011
	Sedimentation/Siltation	No	5B	2008
Bodie Creek (Mono)	Mercury	No	5A	2031
Bridgeport Reservoir (Mono)	Indicator Bacteria, Mercury	Yes	5A	2031
	Nitrogen, Phosphorus, Sedimentation, Siltation	No	5A	2031
Carson River, East Fork (Alpine)	Indicator Bacteria, Dissolved Oxygen, Turbidity	Yes	5A	2031
	Boron, Phosphorus, Sulfates	No	5A	2025
	Total Dissolved Solids	No	5A	2028

WATERBODY NAME/ (COUNTY)	POLLUTANT	NEW LISTING(S)?	TMDL REQUIREMENT STATUS	TMDL COMPLETION OR APPROVAL DATE
Carson River, West Fork (Headwaters to Hope Valley) (Alpine)	Nitrate, Phosphorus, Sulfates	No	5A	2021
	Total Kjeldahl Nitrogen (New listing due only to re-segmentation)	Yes	5A	2031
Carson River, West Fork (Hope Valley to Woodfords) (Alpine)	Phosphorus, Total Kjeldahl Nitrogen (New listings due only to re-segmentation)	Yes	5A	2031
	Turbidity	No	5A	2025
	Chloride, Nitrogen, Nitrate, Sulfates, Total Dissolved Solids	No	5A	2022
Carson River, West Fork (Woodfords to Stateline) (Alpine)	Indicator Bacteria	No	5A	2022
	Iron	Yes	5A	2031
	Nitrogen, Nitrate (New listings due only to re-segmentation)	Yes	5A	2031
	Sulfates, Total Dissolved Solids, Total Kjeldahl Nitrogen, Turbidity (New listings due to re-segmentation and new data)	Yes	5A	2031
Cedar Creek (Modoc)	Chloride, Indicator Bacteria, Total Dissolved Solids	Yes	5A	2031
Cold Creek (El Dorado)	Nitrogen	No	5A	2031

WATERBODY NAME/ (COUNTY)	POLLUTANT	NEW LISTING(S)?	TMDL REQUIREMENT STATUS	TMDL COMPLETION OR APPROVAL DATE
Convict Creek (Mono)	Indicator Bacteria	Yes	5A	2031
Crab Creek (San Bernardino)	Dissolved Oxygen	Yes	5A	2031
	Total Dissolved Solids	No	5A	2031
Crowley Lake (Mono)	Ammonia, Dissolved Oxygen	No	5A	2028
	Mercury	Yes	5A	2031
Deep Creek (below Lake) (San Bernardino)	Chloride, Dissolved Oxygen, Phosphate, Sodium, Sulfates, Total Dissolved Solids	Yes	5A	2031
Donner Lake (Placer)	Arsenic, Chlordane, PCB's	No	5A	2025
Dressler Ditch (Alpine)	Turbidity	No	5A	2025
Eagle Lake (Lassen)	Nitrogen, Phosphorus	No	5A	2025
East Tributary Griff Creek (Placer)	Indicator Bacteria	Yes	5A	2031
East Walker River, below Bridgeport Reservoir (Mono)	Arsenic, Nitrogen, Dissolved Oxygen, Phosphorus	Yes	5A	2031
	Manganese, Turbidity	No	5A	2028
	Sedimentation/Siltation	No	5A	2031
General Creek (Placer)	Iron	No	5A	2031
	Phosphorus	No	5B	2011

WATERBODY NAME/ (COUNTY)	POLLUTANT	NEW LISTING(S)?	TMDL REQUIREMENT STATUS	TMDL COMPLETION OR APPROVAL DATE
Gregory, Lake (San Bernardino)	Chlordane	Yes	5A	2031
	Mercury	No	5A	2025
Griff Creek (Placer)	Indicator Bacteria	Yes	5A	2031
Haiwee Reservoir (Inyo)	Copper	No	5A	2028
Heavenly Valley Creek (USFS boundary to Trout Creek) (El Dorado)	Chloride	No	5A	2027
	Sedimentation/Siltation	No	5B	2011
Heavenly Valley Creek (source to USFS boundary) (El Dorado)	Benthic Community Effects	Yes	5A	2031
	Chloride	No	5A	2028
	Phosphorus	No	5B	2011
	Sedimentation/Siltation	No	5B	2002
Hidden Valley Creek (El Dorado)	Phosphorus	No	5A	2025
Hilton Creek (Mono)	Dissolved Oxygen	No	5A	2031
	Total Dissolved Solids	Yes	5A	2031
Holcomb Creek (San Bernardino)	Fluoride, Sulfates	Yes	5A	2031
	Total Dissolved Solids	No	5A	2031
Honey Lake (Lassen)	Arsenic Salinity/TDS/Chlorides	No	5A	2031
Honey Lake Area Wetlands (Lassen)	Metals	No	5A	2031

WATERBODY NAME/ (COUNTY)	POLLUTANT	NEW LISTING(S)?	TMDL REQUIREMENT STATUS	TMDL COMPLETION OR APPROVAL DATE
Honey Lake Wildfowl Management Ponds (Lassen)	Metals, Salinity/TDS/Chlorides, Trace Elements	No	5A	2031
Horseshow Meadow Creek (Inyo)	Indicator Bacteria	Yes	5A	2031
Horton Creek (Mono)	Indicator Bacteria	Yes	5A	2031
Hot Creek (Mono)	Boron, Chloride, Indicator Bacteria, Mercury	Yes	5A	2031
Hot Creek (Walker) (Mono)	Indicator Bacteria	Yes	5A	2031
Hot Creek, unknown tributary (Mono)	Indicator Bacteria	Yes	5A	2031
Hot Springs Creek (Alpine)	Total Dissolved Solids	Yes	5A	2031
Indian Creek (Alpine)	Chloride, Dissolved Oxygen	No	5A	2025
	Indicator Bacteria	No	5A	2028
Jensen Slu (Lassen)	Indicator Bacteria	Yes	5A	2031
LA Aqueduct Diversion (Inyo)	Turbidity	Yes	5A	2031
Little Truckee River (Sierra and Nevada)	Indicator Bacteria	Yes	5A	2031
Little Walker River (Mono)	Indicator Bacteria	Yes	5A	2031
Littlerock Reservoir (Los Angeles)	Manganese	No	5A	2028
	Mercury, PCBs	No	5A	2025

WATERBODY NAME/ (COUNTY)	POLLUTANT	NEW LISTING(S)?	TMDL REQUIREMENT STATUS	TMDL COMPLETION OR APPROVAL DATE
Lone Pine Creek (Inyo)	Indicator Bacteria	Yes	5A	2031
Long Valley Creek (Sierra and Lassen)	Indicator Bacteria	Yes	5A	2031
Mammoth Creek (Headwaters to Twin Lakes outlet) (Mono)	Total Dissolved Solids	No	5A	2028
Mammoth Creek (Old Mammoth Road to Hwy 395) (Mono)	Indicator Bacteria, Dissolved Oxygen, Phosphate	Yes	5A	2031
	Manganese	No	5A	2031
	Total Dissolved Solids	No	5A	2028
	Mercury	No	5A	2025
Mammoth Creek (Twin Lakes outlet to Old Mammoth Road) (Mono)	Total Dissolved Solids	Yes	5A	2031
	Manganese, Mercury	No	5A	2025
Mammoth Creek, unnamed tributary (confluence near Old Mammoth Rd.) (Mono)	Arsenic, Mercury	No	5A	2025
Markleeville Creek (Alpine)	Indicator Bacteria, Total Dissolved Solids	Yes	5A	2031
Martis Creek (Nevada)	Phosphorus	Yes	5A	2031
McGee Creek (Mono)	Phosphate	Yes	5A	2031
Mesquite Springs (Inyo)	Arsenic, Boron	No	5A	2031
Milberry Creek (Alpine)	Indicator Bacteria	Yes	5A	2031

WATERBODY NAME/ (COUNTY)	POLLUTANT	NEW LISTING(S)?	TMDL REQUIREMENT STATUS	TMDL COMPLETION OR APPROVAL DATE
Mill Creek (Modoc)	Total Dissolved Solids	No	5A	2031
Mill Creek (tributary to W. Walker River) (Mono)	Indicator Bacteria	Yes	5A	2031
Mojave River (Mojave Forks Reservoir outlet to Upper Narrows) (San Bernardino)	Sodium, Sulfates	Yes	5A	2031
	Fluoride	No	5A	2031
Mojave River (Upper Narrows to Lower Narrows) (San Bernardino)	Manganese, Dissolved Oxygen, Sodium	Yes	5A	2031
	Fluoride, Sulfates, Total Dissolved Solids	No	5A	2031
Monitor Creek (Alpine)	Aluminum, Iron, Manganese, Silver, Sulfates, Total Dissolved Solids	No	5A	2031
Owens River (Long HA) (Mono)	Indicator Bacteria	Yes	5A	2031
Owens River (Upper) (Mono and Inyo)	Indicator Bacteria, Sodium	Yes	5A	2031
Palmdale Lake (Los Angeles)	Dieldrin	Yes	5A	2031
Pine Creek (Inyo)	Indicator Bacteria	Yes	5A	2031
Pleasant Valley Reservoir (Inyo)	Organic Enrichment/Low Dissolved Oxygen	No	5A	2031
Red Lake Creek (Alpine)	Total Dissolved Solids	Yes	5A	2031

WATERBODY NAME/ (COUNTY)	POLLUTANT	NEW LISTING(S)?	TMDL REQUIREMENT STATUS	TMDL COMPLETION OR APPROVAL DATE
Reversed Creek (Mono)	Indicator Bacteria	Yes	5A	2031
Robinson Creek (Barney Lake to Twin Lakes) (Mono)	Nitrogen	Yes	5A	2031
Rock Creek (tributary to Owens River) (Mono)	Total Dissolved Solids	No	5A	2025
Round Valley Creek (Inyo)	Indicator Bacteria	Yes	5A	2031
Sardine Creek (Mono)	Indicator Bacteria	Yes	5A	2031
Sheep Creek (San Bernardino)	Dissolved Oxygen	Yes	5A	2031
	Nitrate, Total Dissolved Solids	No	5A	2031
Silverwood Lake (San Bernardino)	Mercury, PCBs	No	5A	2025
Spainhower Anchor Ranch Ditch (Inyo)	Turbidity	Yes	5A	2031
Susan River (Headwaters to Willard Cr.) (Lassen)	Chloride, Phosphorus	Yes	5A	2031
	Nitrogen, Total Dissolved Solids	No	5A	2028
Susan River (Susanville to Honey Lake) (Lassen)	Boron, Indicator Bacteria, Nitrogen, Sodium, Sulfates, Total Dissolved Solids, Turbidity	Yes	5A	2031
	Toxicity	No	5A	2028

WATERBODY NAME/ (COUNTY)	POLLUTANT	NEW LISTING(S)?	TMDL REQUIREMENT STATUS	TMDL COMPLETION OR APPROVAL DATE
Susan River (Willard Creek to Susanville) (Lassen)	Indicator Bacteria, Nitrogen	Yes	5A	2031
	Total Dissolved Solids, Toxicity	No	5A	2028
	Turbidity	No	5A	2031
Swauger Creek (Mono)	Indicator Bacteria	No	5C	2028
	Phosphorus	No	5A	2031
Tahoe Keys Sailing Lagoon (El Dorado)	pH	No	5A	2025
Tallac Creek (below Hwy 89) (El Dorado)	Indicator Bacteria	No	5A	2031
Topaz Lake (Mono)	Indicator Bacteria	Yes	5A	2031
	Mercury	No	5A	2031
Tributary to Mill Creek (Mono)	Total Dissolved Solids	Yes	5A	2031
Trout Creek (above Hwy 50) (El Dorado)	Turbidity	Yes	5B	2011
	Iron	No	5A	2031
	Nitrogen, Phosphorus	No	5B	2011
Trout Creek (below Hwy 50) (El Dorado)	Indicator Bacteria, Iron	No	5A	2031
	Nitrogen, Phosphorus	No	5B	2011
Truckee River (Placer, Nevada and Sierra)	Nitrate	Yes	5A	2031
	Sedimentation/Siltation	No	5B	2009

WATERBODY NAME/ (COUNTY)	POLLUTANT	NEW LISTING(S)?	TMDL REQUIREMENT STATUS	TMDL COMPLETION OR APPROVAL DATE
Truckee River, Upper (above Christmas Valley) (El Dorado)	Iron	No	5A	2031
	Phosphorus	No	5B	2011
Truckee River, Upper (below Christmas Valley) (El Dorado)	Indicator Bacteria	Yes	5A	2031
	Iron	No	5A	2031
	Phosphorus	No	5B	2011
Twin Lake, Upper (East Walker River HU) (Mono)	Mercury	No	5A	2031
Virginia Creek (Mono)	Indicator Bacteria	Yes	5A	2031
Ward Creek (Placer)	Iron	No	5A	2031
	Nitrogen, Phosphorus, Sedimentation/Siltation	No	5B	2011
	Turbidity	Yes	5B	2011
West Fork Mojave River below Silverwood (San Bernardino)	Chloride, Sodium, Sulfates, Total Dissolved Solids	Yes	5A	2031
West Walker River (Mono)	Phosphorus, Total Dissolved Solids, Turbidity	Yes	5A	2031
	Boron, Chloride	No	5A	2025
Wolf Creek (Alpine)	Indicator Bacteria	Yes	5A	2031
	Sedimentation/Siltation	No	5A	2031