

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

ITEM NO. 6

LATE REVISION

RESOLUTION R6T-2009-(PROPOSED)

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

The following late revisions are proposed:

Replace Attachment C to the resolution with the attached revised table for Category 5. The table contains four additions to the Section 303(d) List for the following water body-pollutant combinations:

Carson River, East Fork (phosphorus)

West Walker River (phosphorus)

Mojave River (Mojave Forks Reservoir outlet to Upper Narrows) (fluoride)

Mojave River (Upper Narrows to Lower Narrows) (fluoride)

2008 CALIFORNIA 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS*

Category 5 criteria: 1) 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.

* USGS HUC = US Geological Survey Hydrologic Unit Code. Calwater = State Water Resources Control Board hydrological subunit area or even smaller planning watershed.
 ** TMDL requirement status definitions for listed pollutants are: A= TMDL still required, B= being addressed by USEPA approved TMDL, C= being addressed by action other than a TMDL
 *** Dates relate to the TMDL requirement status, so a date for A= TMDL scheduled completion date, B= Date USEPA approved TMDL, and C= Completion date for action other than a TMDL

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> • POLLUTANT ○ POTENTIAL SOURCES • Relevant Notes 	ESTIMATED FIRST AREA ASSESSED	TMDL YEAR LISTED	REQUIREMENT STATUS**	DATE***
6	Blackwood Creek	River & Stream	63420021 / 1.60501e	<ul style="list-style-type: none"> • <u>Iron</u> <ul style="list-style-type: none"> ○ Erosion/Siltation ○ Natural Sources ○ Nonpoint Source 	5.9 Miles	2002	5A	2022
				<ul style="list-style-type: none"> • This listing may be addressed through revision of the water quality objective rather than a TMDL. 				
				<ul style="list-style-type: none"> • <u>Nitrogen</u> <ul style="list-style-type: none"> ○ Atmospheric Deposition ○ Erosion/Siltation ○ Hydromodification ○ Natural Sources ○ Nonpoint Source ○ Resource Extraction ○ Silviculture ○ Streambank Modification/Destabilization 	5.9 Miles	2002	5A	2022
				<ul style="list-style-type: none"> • <u>Phosphorus</u> <ul style="list-style-type: none"> ○ Erosion/Siltation ○ Grazing-Related Sources ○ Hydromodification ○ Natural Sources ○ Nonpoint Source ○ Resource Extraction ○ Silviculture ○ Streambank 	5.9 Miles	2002	5A	2022

Modification/Destabilization

				<ul style="list-style-type: none"> • <u>Sedimentation/Siltation</u> <ul style="list-style-type: none"> ○ Atmospheric Deposition ○ Construction/Land Development ○ Erosion/Siltation ○ Hydromodification ○ Natural Sources ○ Nonpoint Source ○ Range Grazing-Riparian and/or Upland ○ Recreational and Tourism Activities (non-boating) ○ Resource Extraction ○ Silviculture ○ Streambank Modification/Destabilization ○ Surface Runoff 	5.9 Miles	1996	5B	2008
6	Bodie Creek	River & Stream	63020031 / 18090101	<ul style="list-style-type: none"> • <u>Mercury</u> <ul style="list-style-type: none"> ○ Source Unknown 	11 Miles	2006	5A	2019
6	Bridgeport Reservoir	Lake & Reservoir	63030050 / 1.60503e	<ul style="list-style-type: none"> • <u>Nitrogen</u> <ul style="list-style-type: none"> ○ Atmospheric Deposition ○ Channel Erosion ○ Erosion/Siltation ○ Flow Regulation/Modification ○ Grazing-Related Sources ○ Highway/Road/Bridge Construction ○ Internal Nutrient Cycling (primarily lakes) ○ Marinas and Recreational Boating ○ Natural Sources ○ Other Urban Runoff ○ Pasture Grazing-Riparian and/or Upland ○ Recreational and Tourism Activities (non-boating) 	2614 Acres	1992	5A	2006

- Removal of Riparian Vegetation
- Sediment Resuspension
- Streambank Modification/Destabilization
- Wastewater - land disposal

- | | | | | |
|--|------------|------|----|------|
| <ul style="list-style-type: none"> ● <u>Phosphorus</u> <ul style="list-style-type: none"> ○ Atmospheric Deposition ○ Channel Erosion ○ Erosion/Siltation ○ Flow Regulation/Modification ○ Grazing-Related Sources ○ Highway Maintenance and Runoff ○ Internal Nutrient Cycling (primarily lakes) ○ Marinas and Recreational Boating ○ Natural Sources ○ Other Urban Runoff ○ Pasture Grazing-Riparian and/or Upland ○ Recreational and Tourism Activities (non-boating) ○ Removal of Riparian Vegetation ○ Streambank Modification/Destabilization ○ Wastewater - land disposal | 2614 Acres | 1992 | 5A | 2006 |
| <ul style="list-style-type: none"> ● <u>Sedimentation/Siltation</u> <ul style="list-style-type: none"> ○ Erosion/Siltation ○ Grazing-Related Sources ○ Sediment Resuspension ○ Streambank Modification/Destabilization | 2614 Acres | 1992 | 5A | 2006 |

6	Bronco Creek	River & Stream	63520053 / 1.60501e	<ul style="list-style-type: none"> ● <u>Sedimentation/Siltation</u> <ul style="list-style-type: none"> ○ Natural Sources ○ Nonpoint Source ○ Silviculture 	1.3 Miles	1996	5A	2008
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6	Carson River, East Fork	River & Stream	63210031 / 1.60502e	<ul style="list-style-type: none"> • <u>Phosphorus</u> <ul style="list-style-type: none"> ○ Source Unknown 	48 Miles	2008	5A	2021
6	Carson River, West Fork (Headwaters to Woodfords)	River & Stream	63320014 / 1.60502e	<ul style="list-style-type: none"> • <u>Nitrate</u> <ul style="list-style-type: none"> ○ Source Unknown 	18 Miles	2008	5A	2021
				<ul style="list-style-type: none"> • <i>This listing may be addressed through revision of the water quality objective rather than through a TMDL.</i> 				
				<ul style="list-style-type: none"> • <u>Nitrogen</u> <ul style="list-style-type: none"> ○ Atmospheric Deposition ○ Channel Erosion ○ Erosion/Siltation ○ Habitat Modification ○ Highway Maintenance and Runoff ○ Natural Sources ○ Onsite Wastewater Systems (Septic Tanks) ○ Recreational and Tourism Activities (non-boating) ○ Removal of Riparian Vegetation ○ Silviculture ○ Streambank Modification/Destabilization 	18 Miles	2002	5A	2019
				<ul style="list-style-type: none"> • <i>This listing may be addressed through revision of the water quality objective rather than through a TMDL.</i> 				
				<ul style="list-style-type: none"> • <u>Phosphorus</u> <ul style="list-style-type: none"> ○ Atmospheric Deposition ○ Channel Erosion ○ Erosion/Siltation ○ Habitat Modification ○ Highway Maintenance and Runoff ○ Natural Sources ○ Recreational and Tourism Activities (non-boating) 	18 Miles	2002	5A	2019

- Removal of Riparian Vegetation
- Silviculture
- Streambank Modification/Destabilization

● This listing may be addressed through revision of the water quality objective rather than through a TMDL.

6	Carson River, West Fork (Paynesville to State Line)	River & Stream	63310013 / 16050201	<ul style="list-style-type: none"> ● <u>Pathogens</u> <ul style="list-style-type: none"> ○ Agriculture-irrigation tailwater ○ Agriculture-storm runoff ○ Pasture Grazing-Riparian and/or Upland 	3.3 Miles	2002	5A	2019
6	Carson River, West Fork (Woodfords to Paynesville)	River & Stream	63310012 / 16050201	<ul style="list-style-type: none"> ● <u>Nitrogen</u> <ul style="list-style-type: none"> ○ Agriculture-irrigation tailwater ○ Agriculture-storm runoff ○ Agriculture-subsurface drainage ○ Atmospheric Deposition ○ Channel Erosion ○ Erosion/Siltation ○ Habitat Modification ○ Highway Maintenance and Runoff ○ Natural Sources ○ Pasture Grazing-Riparian and/or Upland ○ Range Grazing-Riparian and/or Upland ○ Recreational and Tourism Activities (non-boating) ○ Removal of Riparian Vegetation ○ Silviculture ○ Streambank Modification/Destabilization ○ Wastewater - land disposal 	3.6 Miles	2002	5A	2019

- This listing may be addressed through revision of the water quality objective rather than through a TMDL.

- Pathogens 3.6 Miles 2002 5A 2019
 - Agricultural Return Flows
 - Natural Sources
 - Pasture Grazing-Riparian and/or Upland
 - Recreational and Tourism Activities (non-boating)

- 6 Clearwater Creek River & Stream 63040051 / 1.60503e • Sedimentation/Siltation 12 Miles 1996 5A 2006
 - Construction/Land Development
 - Highway Maintenance and Runoff
 - Range Grazing-Riparian and/or Upland

- Listed on basis of limited information; additional monitoring may support delisting.

- 6 Crowley Lake Lake & Reservoir 60310090 / 1.80901e • Ammonia 4861 Acres 2006 5A 2019
 - Source Unknown
- Oxygen, Dissolved 4861 Acres 2006 5A 2019
 - Source Unknown

- 6 Donner Lake Lake & Reservoir 63520021 / 1.60501e • Priority Organics 819 Acres 1998 5A 2019
 - Source Unknown

- 6 Eagle Lake (Lassen County) Lake & Reservoir 63732000 / 18080003 • Nitrogen 20704 Acres 2002 5A 2019
 - Agriculture
 - Atmospheric Deposition
 - Grazing-Related Sources
 - Highway Maintenance and Runoff

- Internal Nutrient Cycling (primarily lakes)
- Marinas and Recreational Boating
- Natural Sources
- Nonpoint Source
- Onsite Wastewater Systems (Septic Tanks)
- Other Urban Runoff
- Recreational and Tourism Activities (non-boating)
- Sediment Resuspension
- Silviculture
- Wastewater

<ul style="list-style-type: none"> ● <u>Phosphorus</u> ○ Atmospheric Deposition ○ Grazing-Related Sources ○ Highway/Road/Bridge Runoff ○ Internal Nutrient Cycling (primarily lakes) ○ Marinas and Recreational Boating ○ Natural Sources ○ Nonpoint Source ○ Onsite Wastewater Systems (Septic Tanks) ○ Other Urban Runoff ○ Recreational and Tourism Activities (non-boating) ○ Sediment Resuspension ○ Silviculture ○ Wastewater 	20704 Acres	2002	5A	2019
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6 East Walker River, below Bridgeport Reservoir	River & Stream	63030050 / 16050301	<ul style="list-style-type: none"> ● <u>Sedimentation/Siltation</u> ○ Erosion/Siltation ○ Grazing-Related Sources ○ Highway Maintenance and Runoff ○ Upstream Impoundment ○ Urban Runoff--Erosion and Sedimentation 	8 Miles	2002	5A	2019
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6	General Creek	River & Stream	63420030 / 1.60501e	<ul style="list-style-type: none"> • <u>Iron</u> <ul style="list-style-type: none"> ○ Natural Sources ○ Silviculture 	9.1 Miles	2002	5A	2019
				<ul style="list-style-type: none"> • <i>This listing may be addressed through revision of the water quality objective rather than through a TMDL.</i> 				
				<ul style="list-style-type: none"> • <u>Phosphorus</u> <ul style="list-style-type: none"> ○ Atmospheric Deposition ○ Erosion/Siltation ○ Natural Sources 	9.1 Miles	2002	5A	2019
6	Gray Creek (Nevada County)	River & Stream	63520052 / 16050102	<ul style="list-style-type: none"> • <u>Sedimentation/Siltation</u> <ul style="list-style-type: none"> ○ Natural Sources ○ Nonpoint Source ○ Silviculture 	2.8 Miles	1996	5A	2008
6	Haiwee Reservoir	Lake & Reservoir	62410071 / 1.80901e	<ul style="list-style-type: none"> • <u>Copper</u> <ul style="list-style-type: none"> ○ Other 	1703 Acres	1998	5A	2004
6	Heavenly Valley Creek (USFS boundary to Trout Creek)	River & Stream	63410031 / 16050101	<ul style="list-style-type: none"> • <u>Chloride</u> <ul style="list-style-type: none"> ○ Atmospheric Deposition ○ Highway/Road/Bridge Runoff ○ Natural Sources ○ Source Unknown 	1.4 Miles	2002	5A	2019
				<ul style="list-style-type: none"> • <i>This listing may be addressed by revision of the water quality objective rather than through a TMDL.</i> 				
				<ul style="list-style-type: none"> • <u>Sedimentation/Siltation</u> <ul style="list-style-type: none"> ○ Construction/Land Development ○ Habitat Modification ○ Hydromodification ○ Land Development 	1.4 Miles	2002	5A	2019

- Nonpoint Source
- Recreational and Tourism Activities (non-boating)

6	Heavenly Valley Creek (source to USFS boundary)	River & Stream	63410031 / 16050101	<ul style="list-style-type: none"> • <u>Chloride</u> <ul style="list-style-type: none"> ○ Atmospheric Deposition ○ Highway Maintenance and Runoff ○ Natural Sources ○ Source Unknown 	2 Miles	2002	5A	2019
				<ul style="list-style-type: none"> • <i>This listing may be addressed through revision of the water quality objective rather than through a TMDL.</i> 				
				<ul style="list-style-type: none"> • <u>Phosphorus</u> <ul style="list-style-type: none"> ○ Atmospheric Deposition ○ Erosion/Siltation ○ Natural Sources ○ Recreational and Tourism Activities (non-boating) 	2 Miles	2002	5A	2019
				<ul style="list-style-type: none"> • <u>Sedimentation/Siltation</u> <ul style="list-style-type: none"> ○ Source Unknown 	2 Miles	2006	5B	2002

6	Honey Lake	Saline Lake	63710060 / 1.808e+0	<ul style="list-style-type: none"> • <u>Arsenic</u> <ul style="list-style-type: none"> ○ Flow Regulation/Modification ○ Geothermal Development ○ Natural Sources ○ Nonpoint Source 	57756 Acres	1998	5A	2019
				<ul style="list-style-type: none"> • <i>Arsenic in Honey Lake is ultimately from natural sources, but the lake is affected by geothermal discharges. Further study is needed to determine whether a TMDL is needed.</i> 				
				<ul style="list-style-type: none"> • <u>Salinity/TDS/Chlorides</u> <ul style="list-style-type: none"> ○ Agricultural Return Flows ○ Agricultural Water Diversion ○ Agriculture 	57756 Acres	1998	5A	2019

- Geothermal Development
- Natural Sources
- Nonpoint Source
- Sediment Resuspension

- *Honey Lake has naturally high salinity but is affected by low flows and geothermal discharges. Further study is needed to verify whether impairment occurs and whether a TMDL is needed.*

6	Honey Lake Area Wetlands	Wetland, Freshwater	63710060 / 1.808e+0	<ul style="list-style-type: none"> ● Metals <ul style="list-style-type: none"> ○ Agriculture ○ Geothermal Development ○ Natural Sources ○ Nonpoint Source 	62590 Acres	2002	5A	2019
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- *The wetlands adjacent to Honey Lake are affected by salts and trace elements from natural sources, which may be concentrated by evaporation during dry years. Additional study is needed to verify whether impairment exists and whether a TMDL is needed.*

6	Honey Lake Wildfowl Management Ponds	Saline Lake	63720095 / 1.808e+0	<ul style="list-style-type: none"> ● Metals <ul style="list-style-type: none"> ○ Agriculture ○ Geothermal Development ○ Natural Sources 	665 Acres	1998	5A	2019
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- *The ponds are affected by salts and trace elements from natural sources, which may be concentrated by evaporation during dry years. Additional study is needed to verify whether impairment exists and whether a TMDL is needed.*

<ul style="list-style-type: none"> ● Salinity/TDS/Chlorides <ul style="list-style-type: none"> ○ Agriculture ○ Geothermal Development ○ Natural Sources 	665 Acres	1998	5A	2019
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- *The ponds are affected by salts and trace elements from natural sources, which may be concentrated by evaporation during dry years. Additional study is needed to verify whether impairment exists and whether a TMDL is needed.*

<ul style="list-style-type: none"> ● Trace Elements <ul style="list-style-type: none"> ○ Geothermal Development 	665 Acres	1998	5A	2019
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o Nurseries

6	Indian Creek (Alpine County)	River & Stream	63220010 / 16050201	<ul style="list-style-type: none"> • <u>Pathogens</u> <ul style="list-style-type: none"> o Grazing-Related Sources o Pasture Grazing-Riparian and/or Upland 	13 Miles	2002	5A	2019
6	Mammoth Creek (Old Mammoth Road to Highway 395)	River & Stream	60310053 / 18090102	<ul style="list-style-type: none"> • <u>Mercury</u> <ul style="list-style-type: none"> o Natural Sources 	6 Miles		5A	2019
6	Mammoth Creek (Twin Lakes outlet to Old Mammoth Road)	River & Stream	60310051 / 18090102	<ul style="list-style-type: none"> • <u>Mercury</u> <ul style="list-style-type: none"> o Natural Sources 	1.9 Miles		5A	2019
6	Mesquite Springs (Inyo County)	Wetland, Freshwater	60911000 / 18090203	<ul style="list-style-type: none"> • <u>Arsenic</u> <ul style="list-style-type: none"> o Natural Sources • <u>Boron</u> <ul style="list-style-type: none"> o Natural Sources 	0.17 Acres	2008	5A	2021
6	Mojave River (Mojave Forks Reservoir outlet to Upper Narrows)	River & Stream	62820000 / 18090208	<ul style="list-style-type: none"> • <u>Fluoride</u> <ul style="list-style-type: none"> o Natural Sources 	15 Miles	2008	5A	2021
6	Mojave River (Upper Narrows to Lower Narrows)	River & Stream	62820000 / 18090208	<ul style="list-style-type: none"> • <u>Fluoride</u> <ul style="list-style-type: none"> o Natural Sources 	4 Miles	2008	5A	2021
6	Monitor Creek	River & Stream	63210070 / 1.60502e	<ul style="list-style-type: none"> • <u>Aluminum</u> <ul style="list-style-type: none"> o Acid Mine Drainage o Inactive Mining o Mill Tailings o Mine Tailings o Natural Sources o Nonpoint Source 	4 Miles	2002	5A	2019

- o Point Source

- This listing is expected to be addressed through the CERCLA remediation process.

- **Iron** 4 Miles 2002 5A 2019
 - o Acid Mine Drainage
 - o Inactive Mining
 - o Mill Tailings
 - o Mine Tailings
 - o Natural Sources
 - o Nonpoint Source
 - o Point Source

- This listing is expected to be addressed through the CERCLA remediation process..

- **Manganese** 4 Miles 2002 5A 2019
 - o Acid Mine Drainage
 - o Inactive Mining
 - o Mill Tailings
 - o Mine Tailings
 - o Natural Sources
 - o Nonpoint Source
 - o Point Source

- This listing is expected to be addressed through the CERCLA remediation process.

- **Silver** 4 Miles 2002 5A 2019
 - o Acid Mine Drainage
 - o Inactive Mining
 - o Mill Tailings
 - o Mine Tailings
 - o Natural Sources
 - o Nonpoint Source

- This listing is expected to be addressed through the CERCLA remediation process.

- **Sulfates** 4 Miles 2002 5A 2019
 - o Acid Mine Drainage
 - o Inactive Mining
 - o Mill Tailings
 - o Mine Tailings

- Unknown Toxicity 16 Miles 5A 2019
 - Source Unknown

6 Swauger Creek

River & Stream 63040012 / 1.60503e

- Pathogens 14 Miles 2002 5C
 - Natural Sources
 - Onsite Wastewater Systems (Septic Tanks)
 - Pasture Grazing-Riparian and/or Upland
 - Range Grazing-Riparian and/or Upland
 - Recreational and Tourism Activities (non-boating)

• *This listing is being addressed through the implementation of management practices for livestock grazing under Lahontan RWQCB Resolution R6T-2007-0019, Waiver of Waste Discharge Requirements for Grazing Operations in the East Walker River Watershed (Bridgeport Valley and Tributaries) of the Lahontan Region.*

- Phosphorus 14 Miles 2002 5A 2019
 - Atmospheric Deposition
 - Erosion/Siltation
 - Highway/Road/Bridge Runoff
 - Natural Sources
 - Nonpoint Source
 - Pasture Grazing-Riparian and/or Upland
 - Range Grazing-Riparian and/or Upland
 - Streambank Modification/Destabilization
 - Surface Runoff

6 Tahoe, Lake

Lake & Reservoir 63430010 / 1.60501e

- Nitrogen 85364 Acres 2002 5A 2010
 - Atmospheric Deposition
 - Channel Erosion
 - Construction/Land Development

- Drainage/Filling Of Wetlands
- Erosion/Siltation
- Golf course activities
- Grazing-Related Sources
- Groundwater Loadings
- Habitat Modification
- Highway/Road/Bridge Runoff
- Hydromodification
- Internal Nutrient Cycling (primarily lakes)
- Land Development
- Marinas and Recreational Boating
- Natural Sources
- Other Urban Runoff
- Recreational and Tourism Activities (non-boating)
- Removal of Riparian Vegetation
- Silviculture
- Streambank Modification/Destabilization
- Surface Runoff
- Urban Runoff--Erosion and Sedimentation
- Urban Runoff--Non-industrial Permitted
- Urban Runoff/Storm Sewers

<ul style="list-style-type: none"> ● <u>Phosphorus</u> ○ Atmospheric Deposition ○ Channel Erosion ○ Erosion/Siltation ○ Grazing-Related Sources ○ Highway Maintenance and Runoff ○ Highway/Road/Bridge Construction ○ Highway/Road/Bridge Runoff ○ Internal Nutrient Cycling (primarily lakes) ○ Land Development 	<p>85364 Acres</p>	<p>2002</p>	<p>5A</p>	<p>2010</p>
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- Natural Sources
- Nonpoint Source
- Other Urban Runoff
- Recreational and Tourism Activities (non-boating)
- Sediment Resuspension
- Silviculture
- Streambank Modification/Destabilization
- Urban Runoff--Erosion and Sedimentation
- Urban Runoff--Non-industrial Permitted
- Urban Runoff/Storm Sewers

<ul style="list-style-type: none"> ● <u>Sedimentation/Siltation</u> ○ Atmospheric Deposition ○ Channel Erosion ○ Channelization ○ Erosion/Siltation ○ Grazing-Related Sources ○ Highway/Road/Bridge Construction ○ Highway/Road/Bridge Runoff ○ Hydromodification ○ Land Development ○ Natural Sources ○ Nonpoint Source ○ Other Urban Runoff ○ Recreational and Tourism Activities (non-boating) ○ Removal of Riparian Vegetation ○ Sediment Resuspension ○ Silviculture ○ Streambank Modification/Destabilization ○ Urban Runoff--Erosion and Sedimentation ○ Urban Runoff/Storm Sewers 	<p>85364 Acres</p>	<p>2006</p>	<p>5A</p>	<p>2010</p>
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6	Tallac Creek (below Hwy 89)	River & Stream	63410041 / 16050101	<ul style="list-style-type: none"> • <u>Pathogens</u> <ul style="list-style-type: none"> ○ Grazing-Related Sources ○ Pasture Grazing-Riparian and/or Upland 	1.3 Miles	2002	5A	2019
6	Trout Creek (above Hwy 50)	River & Stream	63410020 / 1.60501e	<ul style="list-style-type: none"> • <u>Iron</u> <ul style="list-style-type: none"> ○ Erosion/Siltation ○ Natural Sources ○ Urban Runoff--Non-industrial Permitted • <i>This issue may be addressed through revision of the water quality objective rather than through a TMDL.</i> • <u>Nitrogen</u> <ul style="list-style-type: none"> ○ Atmospheric Deposition ○ Erosion/Siltation ○ Pasture Grazing-Riparian and/or Upland ○ Urban Runoff--Non-industrial Permitted • <u>Pathogens</u> <ul style="list-style-type: none"> ○ Source Unknown • <u>Phosphorus</u> <ul style="list-style-type: none"> ○ Atmospheric Deposition ○ Erosion/Siltation ○ Pasture Grazing-Riparian and/or Upland ○ Urban Runoff--Non-industrial Permitted 	10 Miles	2002	5A	2019
6	Trout Creek (below Hwy 50)	River & Stream	63410042 / 1.60501e	<ul style="list-style-type: none"> • <u>Iron</u> <ul style="list-style-type: none"> ○ Erosion/Siltation ○ Natural Sources ○ Urban Runoff--Non-industrial Permitted 	0.78 Miles	2002	5A	2019

• This listing may be addressed through revision of the water quality objective rather than through a TMDL.

- **Nitrogen** 0.78 Miles 2002 5A 2019
 - Atmospheric Deposition
 - Erosion/Siltation
 - Urban Runoff--Non-industrial Permitted

- **Pathogens** 0.78 Miles 2002 5A 2019
 - Grazing-Related Sources

- **Phosphorus** 0.78 Miles 2002 5A 2019
 - Atmospheric Deposition
 - Erosion/Siltation
 - Urban Runoff--Non-industrial Permitted

6	Truckee River	River & Stream	63510010 / 16050101	<ul style="list-style-type: none"> • Sedimentation/Siltation 39 Miles 1996 5A 2008 <ul style="list-style-type: none"> ○ Channel Erosion ○ Construction/Land Development ○ Erosion/Siltation ○ Highway/Road/Bridge Construction ○ Natural Sources ○ Nonpoint Source ○ Range Grazing-Riparian and/or Upland ○ Recreational and Tourism Activities (non-boating) ○ Silviculture ○ Snow skiing activities ○ Streambank Modification/Destabilization
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6	Truckee River, Upper (above Christmas Valley)	River & Stream	63410010 / 16050101	<ul style="list-style-type: none"> • Iron 4.5 Miles 2002 5A 2019 <ul style="list-style-type: none"> ○ Natural Sources
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• This listing may be addressed through revision of the water quality objective rather than through a TMDL.

- Phosphorus 4.5 Miles 2002 5A 2019
 - Grazing-Related Sources
 - Natural Sources
 - Silviculture

6 Truckee River, Upper (below Christmas Valley) River & Stream 63410042 / 1.60501e

- Iron 11 Miles 2002 5A 2019
 - Erosion/Siltation
 - Natural Sources
 - Nonpoint Source

• This listing may be addressed through revision of the water quality objective rather than through a TMDL.

- Phosphorus 11 Miles 2002 5A 2019
 - Atmospheric Deposition
 - Channelization
 - Construction/Land Development
 - Erosion/Siltation
 - Highway Maintenance and Runoff
 - Hydromodification
 - Natural Sources
 - Nonpoint Source
 - Removal of Riparian Vegetation
 - Silviculture
 - Streambank Modification/Destabilization
 - Unknown Nonpoint Source

6 Ward Creek River & Stream 63420020 / 1.60501e

- Iron 5.7 Miles 2002 5A 2015
 - Channel Erosion
 - Erosion/Siltation
 - Highway Maintenance and Runoff
 - Natural Sources

- Other Urban Runoff
- Silviculture
- *This listing may be addressed through revision of the water quality objective rather than through a TMDL.*

- Nitrogen 5.7 Miles 2002 5A 2008
 - Atmospheric Deposition
 - Channel Erosion
 - Erosion/Siltation
 - Highway/Road/Bridge Runoff
 - Natural Sources
 - Other Urban Runoff
 - Silviculture

- Phosphorus 5.7 Miles 2002 5A 2008
 - Atmospheric Deposition
 - Channel Erosion
 - Erosion/Siltation
 - Highway/Road/Bridge Runoff
 - Natural Sources
 - Other Urban Runoff
 - Silviculture
 - Urban Runoff--Erosion and Sedimentation

- Sedimentation/Siltation 5.7 Miles 2002 5A 2008
 - Channel Erosion
 - Highway/Road/Bridge Runoff
 - Land Development
 - Nonpoint Source
 - Silviculture
 - Urban Runoff/Storm Sewers

6	West Walker River	River & Stream	63110060 / 1.60503e	<ul style="list-style-type: none"> ● <u>Phosphorus</u> ○ Source Unknown 	49 Miles	2008	5A	2021
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6	Wolf Creek (Alpine County)	River & Stream	63210031 / 16050201	<ul style="list-style-type: none">• <u>Sedimentation/Siltation</u><ul style="list-style-type: none">○ Nonpoint Source○ Range Grazing-Riparian and/or Upland○ Silviculture	12 Miles	1998	5A	2019
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