Regional Water Quality Control Board

LAHONTAN REGION (6)

SECTION 303 (d) LIST PROPOSALS

Region 6 Summary of Recommendations

Water Body	Pollutant/Medium /Beneficial Use	RWQCB Recommendation	SWRCB Recommendation
Robinson Creek, Hwy 395 to Bridgeport Reservoir	Nitrogen/Water/Aquatic life	List	Watch list, due to exceedence observed in single sample.
Buckeye Creek	Phosphorus/Water/Aquatic life	List	Watch list, due to exceedence observed in single sample.
Buckeye Creek	Pathogens/Water/Human health	List	List
Swauger Creek	Phosphorus/Water/Aquatic life	List	List
Swauger Creek	Pathogens/Water/Human health	List	List
Mojave River between Upper and Lower Narrows	TDS/Water/Drinking	Delist. RWQCB staff recommended listing. Board removed listing.	Delist
Mojave River between Upper and Lower Narrows	Sulfate/Water/Drinking	Delist. RWQCB staff recommended listing. Board removed listing.	Delist
Mojave River between Upper and Lower Narrows	Chloride/Water/Aquatic life	Delist. RWQCB staff recommended listing. Board removed listing.	Delist
Donner Lake	Priority Organics/Water/Human health	Delist based on limited data used to list. No OEHHA advisory in effect. No recent data available.	Maintain listing. TSMP data is sufficient (two composite samples of 13 fish), and exceedances of WQO are large enough to maintain listing. PCB concentrations were 165 and 102 ppb. (MTRL is 5.3 ppb). Chlordane result was 26.2 ppb. MTLR is 8.0 ppb. RB may request TSMP to schedule monitoring before next listing cycle.

Water Body	Pollutant/Medium /Beneficial Use	RWQCB Recommendation	SWRCB Recommendation
Stampede Reservoir	Pesticides (lindane)/Tissue/Human health	Delist because original listing was based on limited data Only one data point was available during 1989 listing. WQO for lindane is 2.5 ug/kg and original sample result was 2.6 ug/kg. Place on Watch List for additional monitoring.	Delist because original listing was based on limited data Only one data point was available during 1989 listing. WQO for lindane is 2.5 ug/kg and original sample result was 2.6 ug/kg. Place on Watch List for additional monitoring.
Wendel Hot Springs, Amedee Hot Springs, Hot Creek, Fales Hot Springs, Little Hot Creek, Little Alkali Lake, Deep Springs Lake, Keogh Hot Springs, Amaragosa River	Salinity, metals, arsenic	Delist due to natural causes of impairments. Basin Plan amendments for 9 waters to remove MUN use have been approved by SWRCB. Use attainability analysis has been prepared by RWQCB.	Delist due to natural causes of impairments. Basin Plan amendments for 9 waters to remove MUN use have been approved by SWRCB. Use attainability analysis has been prepared by RWQCB.
Upper Alkali Lake	Salinity, TDS, Chlorides/Water/Drinking	Delist because exceedence of standards is due to natural causes. TMDL is not applicable.	Delist because exceedence of standards is due to natural causes. TMDL is not applicable.
Middle Alkali Lake	Salinity, TDS, Chlorides/Water/Drinking	Delist because exceedence of standards is due to natural causes. TMDL is not applicable.	Delist because exceedence of standards is due to natural causes. TMDL is not applicable.
Lower Alkali Lake	Salinity, TDS, Chlorides/Water/Drinking	Delist because exceedence of standards is due to natural causes. TMDL is not applicable.	Delist because exceedence of standards is due to natural causes. TMDL is not applicable.
Top Spring	Radiation/Water/Human health	Delist because exceedence of standards is due to natural causes. TMDL is not applicable.	Delist because exceedence of standards is due to natural causes. TMDL is not applicable.
Snow Creek	Habitat Alterations/Habitat/Aquatic life	Delist due to implementation of a wetland/riparian restoration program that included removal of fill material, restoration of the stream channel, revegetation, and installation of culverts to allow fish passage and reduce highway flooding.	Delist due to implementation of a wetland/riparian restoration program that included removal of fill material, restoration of the stream channel, revegetation, and installation of culverts to allow fish passage and reduce highway flooding.

Water Body	Pollutant/Medium /Beneficial Use	RWQCB Recommendation	SWRCB Recommendation
East Fork Carson River	Nutrients/Water/Aquatic life	Delist based on faulty data used in original listing, and current data that shows that no impairment of beneficial uses.	Delist based on faulty data used in original listing, and current data that shows that no impairment of beneficial uses.
East Walker River	Metals/Tissue/Human health	Delist because original listing was based on inappropriate use of EDLs as WQOs. EDLs are Elevated Data Levels that are the 85th and 95th percentiles of all data collected, and are not WQOs.	Delist because original listing was based on inappropriate use of EDLs as WQOs. EDLs are Elevated Data Levels that are the 85th and 95th percentiles of all data collected, and are not WQOs.
Mono Lake	Salinity, TDS, Chlorides/Water/Aquatic life, Wildlife	Delist because high concentrations of salts and trace elements are from natural sources. SWRCB Decision 1631 establishes conditions to control lake level and salt concentrations.	Delist because an alternative enforceable program is in place. SWRCB Decision 1631 establishes conditions to control lake level and salt concentrations. Salt concentrations are not solely due to natural causes. Fifty years of water diversions caused a 45 foot drop in lake level, which caused increases in salt concentrations above those caused by natural sources. SWRCB Decision 1631 established a restored lake level of 6391 feet to meet water quality standards.
Grant Lake	Arsenic/Water, Tissue/Drinking, Human health	Delist due to natural causes. Beneficial uses are drinking water supply for City of Los Angeles and fish consumption. Water is blended in order to meet current drinking water standard at the tap. 1991 TSMP data showed no exceedences of fish consumption criteria.	Delist due to natural causes. Beneficial uses are drinking water supply for City of Los Angeles and fish consumption. Water is blended in order to meet current drinking water standard at the tap. 1991 TSMP data showed no exceedences of fish consumption criteria.

Water Body	Pollutant/Medium /Beneficial Use	RWQCB Recommendation	SWRCB Recommendation
Big Springs	Arsenic/Water/Drinking	Delist due to natural causes. Beneficial use is drinking water supply for City of Los Angeles Arsenic is removed from this water supply before delivery for use.	Delist due to natural causes. Beneficial use is drinking water supply for City of Los Angeles Arsenic is removed from this water supply before delivery for use.
Crowley Lake	Arsenic/Water/Drinking	Delist due to natural causes. Beneficial use is drinking water supply for City of Los Angeles Arsenic is removed from this water supply before delivery for use.	Delist due to natural causes. Beneficial use is drinking water supply for City of Los Angeles Arsenic is removed from this water supply before delivery for use.
Tinemaha Reservoir	Arsenic/Water/Drinking	Delist due to natural causes. Beneficial use is drinking water supply for City of Los Angeles Arsenic is removed from this water supply before delivery for use.	Delist due to natural causes. Beneficial use is drinking water supply for City of Los Angeles Arsenic is removed from this water supply before delivery for use.
Searles Lake	Petroleum Hydrocarbons/Water/WILD, REC-1, REC-2, SAL	List	List
Blackwood Creek (Tributary to Lake Tahoe)	Nitrogen/Water/Aquatic Life	List	List
Blackwood Creek (Tributary to Lake Tahoe)	Phosphorus/Water/Aquatic Life	List	List
Blackwood Creek (Tributary to Lake Tahoe)	Iron (plant nutrient)/Water/Aquatic Life	List	List
Heavenly Valley Creek between USFS boundary and confluence with Trout Creek	Sediment/Water/Aquatic Life	List	List
Heavenly Valley Creek	Chloride/Water/Aquatic Life	List	Watch list, due to major source believed to be of natural origin.
Heavenly Valley Creek, within USFS boundary	Phosphorus/Water/Aquatic Life	List	Watch list, due to major source believed to be of natural origin

Water Body	Pollutant/Medium /Beneficial Use	RWQCB Recommendation	SWRCB Recommendation
Unnamed creek (aka Hidden Valley Creek)	Chloride/Water/Aquatic Life	List	Watch list, due to major source believed to be of natural origin.
Unnamed creek (aka Hidden Valley Creek)	Phosphorus/Water/Aquatic Life	List	Watch list, due to major source believed to be of natural origin
General Creek (Tributary to Lake Tahoe)	Phosphorus/Water/Aquatic Life	List	List
General Creek (Tributary to Lake Tahoe)	Iron (plant nutrient)/Water/Aquatic Life	List	List
Upper Truckee River (Tributary to Lake Tahoe)	Phosphorus/Water/Aquatic Life	List	List
Upper Truckee River (Tributary to Lake Tahoe)	Iron (plant nutrient)/Water/Aquatic Life	List	List
Upper Truckee River (Tributary to Lake Tahoe)	Pathogens/Water/Human Health	List	List
Big Meadow Creek (Tributary to Lake Tahoe)	Pathogens/Water/Human health	List	List
Trout Creek (Tributary to Lake Tahoe)	Phosphorus/Water/Aquatic Life	List	List
Trout Creek (Tributary to Lake Tahoe)	Nitrogen/Water/Aquatic Life	List	List
Trout Creek (Tributary to Lake Tahoe)	Iron (plant nutrient)/Water/Aquatic Life	List	List
Trout Creek (Tributary to Lake Tahoe)	Pathogens/Water/Human health	List	List
Tallac Creek (Tributary To Lake Tahoe)	Pathogens/Water/Human Health	List	List
Ward Creek (Tributary To Lake Tahoe)	Nitrogen/Water/Aquatic Life	List	List

Water Body	Pollutant/Medium /Beneficial Use	RWQCB Recommendation	SWRCB Recommendation
Ward Creek (Tributary To Lake Tahoe)	Phosphorus/Water/Aquatic Life	List	List
Ward Creek (Tributary to Lake Tahoe)	Iron (plant nutrient)/Water/Aquatic Life	List	List
West Fork Carson River, Headwaters to Woodfords	Phosphorus/Water/Aquatic Life	List	List
West Fork Carson River, Headwaters to Woodfords	Nitrogen/Water/Aquatic Life	List	List
West Fork Carson River, Headwaters to Woodfords	Percent sodium/Water/Crop protection	List	List
West Fork Carson River, Woodfords to Paynesville	Percent sodium	List	List
West Fork Carson River, Woodfords to Paynesville	Nitrogen	List	List
West Fork Carson River, Woodfords to Paynesville	Pathogens/Water/Human health	List	List
Monitor Creek	Sulfate./Water/Drinking	List	List
Monitor Creek	TDS/Water/Drinking	List	List
Indian Creek	Pathogens/Water/Human health	List	List
East Walker River above Bridgeport Reservoir	Pathogens/Water/Human health	List	List
East Walker River below Bridgeport Reservoir	Nitrogen/Water/Aquatic Life	List	List
East Walker River below Bridgeport Reservoir	Phosphorus/Water/Aquatic Life	List	List

Water Body	Pollutant/Medium /Beneficial Use	RWQCB Recommendation	SWRCB Recommendation
Virginia Creek	Pathogens/Water/Human health	Do not list	Do not list
Robinson Creek	Pathogens/Water/Human health	List	List
Owens River	Arsenic/Water/Drinking	Delist due to natural causes. Beneficial use is drinking water supply for City of Los Angeles Arsenic is removed from this water supply before delivery for use.	Delist due to natural causes. Beneficial use is drinking water supply for City of Los Angeles Arsenic is removed from this water supply before delivery for use.
Owens Lake	Salinity, TDS, Chlorides/Water/Drinking, Aquatic life	Delist due to natural sources of salts and trace elements. Except for a few inches of water used to wet the dry lakebed to reduce particulate air pollution, no water remains. Not a drinking water supply.	Delist due to natural sources of salts and trace elements. Except for a few inches of water used to wet the dry lakebed to reduce particulate air pollution, no water remains. Not a drinking water supply.
Hot Creek	Metals/Water/Drinking	Delist due to natural sources of metals.	Delist due to natural sources of metals.
Mojave River	Priority Organics/Water/Human health	Delist because pollutants were present in groundwater portion of this intermittent stream, and listings are limited to surface waters. Also a 1991 USGS study showed that priority pollutants are no longer present in concentrations of concern in the area affected by the groundwater plume.	Delist because pollutants were present in groundwater portion of this intermittent stream, and listings are limited to surface waters. Also a 1991 USGS study showed that priority pollutants are no longer present in concentrations of concern in the area affected by the groundwater plume.

Water Body	Pollutant/Medium /Beneficial Use	RWQCB Recommendation	SWRCB Recommendation
Searles Lake	Salinity, TDS, Chlorides/Water/Drinking	Delist because impairment resulting from salinity/TDS/chlorides is from natural sources, and the lake is supporting aquatic life uses to the extent possible under extreme environmental conditions.	Insufficient information to Delist. No monitoring data provided to show that discharges of brine from IMCC do not elevate brine concentration above already high natural levels. Factsheet states that, Most of the surface water currently on the lakebed is brine extracted from beneath the lakebed by IMCC and returned to the lakebed following the extraction of minerals. Insufficient information to show that waterfowl deaths are caused solely by petroleum hydrocarbons and not affected by elevated brine levels.
Eagle Lake	Nitrogen, Phosphorus	Change listing from low dissolved oxygen to separate listings for nitrogen and phosphorus.	Change listing from low dissolved oxygen to separate listings for nitrogen and phosphorus.
Lake Tahoe	Nitrogen, Phosphorus/Water/Aquatic life	Clarify previous listing for nutrients. Replace nutrient listing with separate listings for nitrogen and phosphorus.	Clarify previous listing for nutrients. Replace nutrient listing with separate listings for nitrogen and phosphorus.
Monitor Creek	Iron, silver, aluminum, manganese/Water/Aquatic life	Clarify metals listing. Replace metals listing with listings for 4 specific metals- iron, silver, aluminum, manganese.	Clarify metals listing. Replace metals listing with listings for 4 specific metals - iron, silver, aluminum, manganese.

Region 6

Robinson Creek, Hwy 395 to Bridgeport Reservoir

Water Body	Robinson Creek, Hwy 395 to Bridgeport Reservoir
Stressor/Media/Beneficial Use	Nitrogen/Water/Aquatic life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected between January-June 2001.
Data used to assess water quality	1 of 6 (16.7%) samples exceeded the 90th percentile WQO of 0.80 mg/L. No more than 10% of samples are to exceed the 90th percentile WQO.
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Data collected between January-June 2001.
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Livestock
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	Watch list, due to exceedence observed in single sample.

Region 6

Buckeye Creek

Water Body	Buckeye Creek
Stressor/Media/Beneficial Use	Phosphorus/Water/Aquatic life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected in 2000-2001.
Data used to assess water quality	Annual mean values for 2000-2001 did not exceed annual mean WQO (0.06 mg/L). The annual means for 2000-2001 were 0.029 mg/L. One of 9 samples (11%) in 2000 exceeded the 90th percentile WQO. The WQO allows no more than 10% of samples to exceed the 90th percentile value.
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Annual mean
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Partially natural sources
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	Watch list, due to exceedence observed in single sample.

Region 6

Buckeye Creek

Water Body	Buckeye Creek
Stressor/Media/Beneficial Use	Pathogens/Water/Human health
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected from April 2000-June 2001.
Data used to assess water quality	At least 5 of 10 (50%), and at least 6 of 14 samples (43%) exceeded the 40/100 ml WQO.
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Data collected from April 2000-June 2001
Data type	Fecal coliform counts are numeric information
Use of standard method	Yes
Potential Source(s) of Pollutant	High bacterial counts coincide with months when livestock are present. Natural sources of bacteria may also occur.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Swauger Creek

Water Body	Swauger Creek
Stressor/Media/Beneficial Use	Phosphorus/Water/Aquatic life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected from 2000-2001
Data used to assess water quality	Data showed violations of the WQO (0.06 mg/L as an annual mean) in both years.
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Annual mean.
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Partially natural sources
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Swauger Creek

Water Body	Swauger Creek
Stressor/Media/Beneficial Use	Pathogens/Water/Human health
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected from March 2000- June 2001
Data used to assess water quality	Data exceeded the WQO (40/100 ml) in at least 5 of 16 samples (31%). The WQO allows no more than 10% of samples to exceed the 40/100 ml.
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Data collected from March 2000- June 2001
Data type	Fecal coliform counts are numeric information
Use of standard method	Yes
Potential Source(s) of Pollutant	Livestock, wildlife, septic systems, human recreational users.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Searles Lake

Water Body	Searles Lake
Stressor/Media/Beneficial Use	Petroleum Hydrocarbons/Water/WILD, REC-1, REC-2, SAL
Data quality assessment. Extent to which data quality requirements met.	QA procedures used for sampling. Numerous (at least 13) observations of visible oil on Lake waters, banks, channels and ponds. Over 150 dead waterfowl collected by CDFG. Waterfowl encrusted with brine and oil. Oil found in internal organs of waterfowl.
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be compared to WQO directly.
Water Body-specific Information	13 site inspections by Regional Board staff between February and June, 2000.
Data used to assess water quality	Visible oil observed. Sample collected showed 156,000 ppm TPH.
Spatial representation	Visible oil observed at numerous locations
Temporal representation	Visible oil observed on more than 13 occasions during a 5-month period.
Data type	13 site inspections by Regional Board staff between February and June, 2000. Visible oil observed. Sample collected showed 156,000 ppm TPH.
Use of standard method	Yes for one sample collected
Potential Source(s) of Pollutant	Source is IMCC Chemical mineral extraction operation.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Blackwood Creek (Tributary to Lake Tahoe)

Water Body	Blackwood Creek (Tributary to Lake Tahoe)
Stressor/Media/Beneficial Use	Nitrogen/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be compared to WQO directly.
Water Body-specific Information	Samples collected from creek mouth between 1989-1996 by Lake Tahoe Interagency Monitoring Program.
Data used to assess water quality	Violations of WQO for total Nitrogen (0.19 mg/L annual mean) in 6 of 8 water years
Spatial representation	Samples collected from creek mouth
Temporal representation	Samples collected between 1989-1996
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Sources are atmospheric deposition, erosion, stormwater
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Blackwood Creek (Tributary to Lake Tahoe)

Water Body	Blackwood Creek (Tributary to Lake Tahoe)
Stressor/Media/Beneficial Use	Phosphorus/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be compared to WQO directly.
Water Body-specific Information	Samples collected from creek mouth between 1989-1996 by Lake Tahoe Interagency Monitoring Program.
Data used to assess water quality	Violations of WQO for total Phosphorus in 15 of 17 water years from 1980-1996.
Spatial representation	Samples collected from creek mouth
Temporal representation	Samples collected between 1989-1996
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Erosion from severely disturbed areas (logging, gravel mining), atmospheric, deposition, stormwater, forest fire.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Blackwood Creek (Tributary to Lake Tahoe)

Water Body	Blackwood Creek (Tributary to Lake Tahoe)
Stressor/Media/Beneficial Use	Iron (plant nutrient)/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be compared to WQO directly.
Water Body-specific Information	Samples collected from creek mouth between 1989-1996 by Lake Tahoe Interagency Monitoring Program.
Data used to assess water quality	Violations of WQO for total iron in 8 of 8 water years, from 1989-1996.
Spatial representation	Samples collected from creek mouth
Temporal representation	Samples collected between 1989-1996
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Erosion from severely disturbed areas (logging, gravel mining)
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Heavenly Valley Creek between USFS boundary and confluence with

Water Body	Heavenly Valley Creek between USFS boundary and confluence with Trout Creek
Stressor/Media/Beneficial Use	Sediment/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	No data for this reach. Listing based on information from upper reach, for which a TMDL has been completed.
Linkage between measurement endpoint and benefical use or standard	No data for this reach. Listing based on information from upper reach, for which a TMDL has been completed.
Utility of measure for judging if standards or uses are not attained	No data for this reach. Listing based on information from upper reach, for which a TMDL has been completed.
Water Body-specific Information	No data for this reach. Listing based on information from upper reach, for which a TMDL has been completed.
Data used to assess water quality	No data for this reach. Listing based on information from upper reach, for which a TMDL has been completed.
Spatial representation	No data for this reach. Listing based on information from upper reach, for which a TMDL has been completed.
Temporal representation	No data for this reach. Listing based on information from upper reach, for which a TMDL has been completed.
Data type	No data for this reach. Listing based on information from upper reach, for which a TMDL has been completed.
Use of standard method	No data for this reach. Listing based on information from upper reach, for which a TMDL has been completed.
Potential Source(s) of Pollutant	Source is erosion from upstream developments.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Heavenly Valley Creek

Water Body	Heavenly Valley Creek
Stressor/Media/Beneficial Use	Chloride/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be compared to WQO directly.
Water Body-specific Information	Data collected between 1997-2001 by USFS.
Data used to assess water quality	Annual means of samples collected from 6 sites all exceeded standard, 0.15 mg/L annual mean'
Spatial representation	Samples collected from 6 sites
Temporal representation	Annual means of samples
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Mostly natural background, other sources may be road salt, atmospheric, Deposition
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	Watch list, due to major source believed to be of natural origin.

Region 6

Heavenly Valley Creek, within USFS boundary

Water Body	Heavenly Valley Creek, within USFS boundary
Stressor/Media/Beneficial Use	Phosphorus/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected between 1997-2001 by USFS.
Data used to assess water quality	Annual means of samples collected from 6 sites all exceeded standard, 0.015 mg/L annual mean.
Spatial representation	Data collected from 6 sites.
Temporal representation	Annual means of samples.
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Natural geologic sources. Other sources may be atmospheric, deposition, erosion from disturbed areas.
Alternative Enforceable Program	Coordination with TMDL for Trout Creek
RWQCB Recommendation	List
SWRCB Staff Recommendation	Watch list, due to major source believed to be of natural origin

Region 6

Unnamed creek (aka Hidden Valley Creek)

Water Body	Unnamed creek (aka Hidden Valley Creek)
Stressor/Media/Beneficial Use	Chloride/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected in 1997-98.
Data used to assess water quality	Annual means for both years exceed the WQO (0.15 mg/L annual mean)
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Annual means for both years
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Natural geologic sources. Other sources may be atmospheric, deposition, erosion from disturbed areas.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	Watch list, due to major source believed to be of natural origin.

Region 6

Unnamed creek (aka Hidden Valley Creek)

Water Body	Unnamed creek (aka Hidden Valley Creek)
Stressor/Media/Beneficial Use	Phosphorus/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected in 1997-98.
Data used to assess water quality	Annual means for both years exceed the WQO (0.015 mg/L annual mean)
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Annual means for 2 years
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Natural background sources.
Alternative Enforceable Program	Coordination with TMDL for Trout Creek
RWQCB Recommendation	List
SWRCB Staff Recommendation	Watch list, due to major source believed to be of natural origin

Region 6

General Creek (Tributary to Lake Tahoe)

Water Body	General Creek (Tributary to Lake Tahoe)
Stressor/Media/Beneficial Use	Phosphorus/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected in 1981-96.
Data used to assess water quality	Annual means for 12 of 16 water years exceed the WQO (0.015 mg/L annual mean)
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Annual means for 12 of 16 water years
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Major sources from erosion, atmospheric deposition, stormwater
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

General Creek (Tributary to Lake Tahoe)

Water Body	General Creek (Tributary to Lake Tahoe)
Stressor/Media/Beneficial Use	Iron (plant nutrient)/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected in 1989-96.
Data used to assess water quality	Annual means for 8 of 8 water years exceed the WQO (0.03 mg/L annual mean)
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Annual means for 8 of 8 water years
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Major sources from erosion, stormwater
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Upper Truckee River (Tributary to Lake Tahoe)

Water Body	Upper Truckee River (Tributary to Lake Tahoe)
Stressor/Media/Beneficial Use	Phosphorus/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected in 1980-96.
Data used to assess water quality	Annual means for 17 of 17 water years exceed the WQO (0.015 mg/L annual mean)
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Annual means for 17 of 17 water years
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Erosion, fertilizer use, stormwater
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Upper Truckee River (Tributary to Lake Tahoe)

Water Body	Upper Truckee River (Tributary to Lake Tahoe)
Stressor/Media/Beneficial Use	Iron (plant nutrient)/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected in 1989-96.
Data used to assess water quality	Annual means for 8 of 8 water years exceed the WQO (0.03 mg/L annual mean)
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Annual means for 8 of 8 water years
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Natural background, increased loading due to land disturbance, stormwater.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Upper Truckee River (Tributary to Lake Tahoe)

Water Body	Upper Truckee River (Tributary to Lake Tahoe)
Stressor/Media/Beneficial Use	Pathogens/Water/Human Health
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected in 1999-2001
Data used to assess water quality	Violations of WQO observed in July, August and Sept. 2001, during grazing season. (WQO = 20/100ml log mean during any 30-day period or not more than 10% of samples to exceed 40/100 ml in any 30-day period)
Spatial representation	Violations of WQO observed at 2 stations in 2000 at end of grazing season.
Temporal representation	Violations of WQO observed in July, August and Sept. 2001, during grazing season.
Data type	WQO and fecal coliform counts are numeric information.
Use of standard method	Yes
Potential Source(s) of Pollutant	Waste from livestock grazing believed to be primary source.
Alternative Enforceable Program	USFS Grazing management plan
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Big Meadow Creek (Tributary to Lake Tahoe)

Water Body	Big Meadow Creek (Tributary to Lake Tahoe)
Stressor/Media/Beneficial Use	Pathogens/Water/Human health
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected in 1999-2000.
Data used to assess water quality	Violations of standard (20/100ml log mean during any 30-day period or not more than 10% of samples to exceed 40/100 ml in any 30-day period) were common (50-70% of samples) during grazing season. They were less common (0-9% of samples) during non-grazing season.
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Data collected in 1999-2000. WQO is log mean not to exceed 20/100 ml during any 30-day period, or not more than 10% of samples to exceed 40/100 ml in any 30-day period.
Data type	WQO and fecal coliform counts are numeric information.
Use of standard method	Yes
Potential Source(s) of Pollutant	Waste from livestock grazing believed to be primary source.
Alternative Enforceable Program	USFS Grazing management plan
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Trout Creek (Tributary to Lake Tahoe)

Water Body	Trout Creek (Tributary to Lake Tahoe)
Stressor/Media/Beneficial Use	Phosphorus/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected between 1980-96.
Data used to assess water quality	Annual means for 14 of 14 water years exceed the WQO (0.015 mg/L annual mean)
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Annual means for 14 of 14 water years
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Sources are erosion, stormwater, atmospheric, Deposition due to wetland and riparian disturbance.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Trout Creek (Tributary to Lake Tahoe)

Water Body	Trout Creek (Tributary to Lake Tahoe)
Stressor/Media/Beneficial Use	Nitrogen/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected between 1989-96.
Data used to assess water quality	Annual means for 6 of 8 water years exceed the WQO (0.19 mg/L annual mean)
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Annual means for 6 of 8 water years
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Source are natural as well as anthropogenic, including atmospheric deposition, stormwater, fertilizer use, livestock grazing, septic systems, wastewater disposal to land.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Trout Creek (Tributary to Lake Tahoe)

Water Body	Trout Creek (Tributary to Lake Tahoe)
Stressor/Media/Beneficial Use	Iron (plant nutrient)/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected between 1989-96.
Data used to assess water quality	Annual means for 8 of 8 water years exceed the WQO (0.03 mg/L annual mean)
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Annual means for 8 of 8 water years
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Natural loading has increased due to increased erosion and stormwater runoff due to land disturbance.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Trout Creek (Tributary to Lake Tahoe)

Water Body	Trout Creek (Tributary to Lake Tahoe)
Stressor/Media/Beneficial Use	Pathogens/Water/Human health
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected between June-Sept, 2001
Data used to assess water quality	Data showed frequent violations of WQOs for fecal coliform bacteria.
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Data collected between June-Sept, 2001
Data type	Fecal coliform counts are numeric information
Use of standard method	Yes
Potential Source(s) of Pollutant	Livestock wastes are primary source.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Tallac Creek (Tributary To Lake Tahoe)

Water Body	Tallac Creek (Tributary To Lake Tahoe)
Stressor/Media/Beneficial Use	Pathogens/Water/Human Health
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected in 2001
Data used to assess water quality	Data collected in 2001 from 2 sampling stations showed 4 violations of the WQO at the downstream station.
Spatial representation	2 sampling stations
Temporal representation	Data collected in 2001
Data type	Fecal coliform counts are numeric information
Use of standard method	Yes
Potential Source(s) of Pollutant	Livestock wastes are primary source.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Ward Creek (Tributary To Lake Tahoe)

Water Body	Ward Creek (Tributary To Lake Tahoe)
Stressor/Media/Beneficial Use	Nitrogen/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected between 1989-1996
Data used to assess water quality	Data exceeded WQO in 7 of 8 years
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Data collected over 8 year period
Data type	Fecal coliform counts are numeric information
Use of standard method	Yes
Potential Source(s) of Pollutant	Natural (nitrogen fixation) and anthropogenic (atmospheric, deposition, erosion, stormwater)
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Ward Creek (Tributary To Lake Tahoe)

Water Body	Ward Creek (Tributary To Lake Tahoe)
Stressor/Media/Beneficial Use	Phosphorus/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected between 1980-96.
Data used to assess water quality	Annual means for 15 of 17 water years exceed the WQO (0.015 mg/L annual mean)
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Annual means for 17 water years
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Erosion, stormwater, atmospheric deposition
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Ward Creek (Tributary to Lake Tahoe)

Water Body	Ward Creek (Tributary to Lake Tahoe)
Stressor/Media/Beneficial Use	Iron (plant nutrient)/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected between 1989-96.
Data used to assess water quality	Annual means for 8 of 8 water years exceed the WQO (0.03 mg/L annual mean)
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Annual means for 8 water years
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Iron is naturally present in soil, but loading has increased due to erosion from land disturbance.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

West Fork Carson River, Headwaters to Woodfords

Water Body	West Fork Carson River, Headwaters to Woodfords
Stressor/Media/Beneficial Use	Phosphorus/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected between 1997-2001
Data used to assess water quality	The WQO is 0.02 mg/L (annual mean of monthly means). Data collected between 1997-2001 showed the following values: 1997=0.09 mg/L; 1998=0.03 mg/L; 1999=0.02 mg/L; 2000=0.03 mg/L
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Annual mean of monthly means
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Sources are erosion, stormwater, atmospheric, deposition.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

West Fork Carson River, Headwaters to Woodfords

Water Body	West Fork Carson River, Headwaters to Woodfords
Stressor/Media/Beneficial Use	Nitrogen/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected between 1981-2000
Data used to assess water quality	Data exceeded the objectives for total Kjeldahl nitrogen (0.13 mg/L mean of monthly means), nitrate (0.02 mg/L mean of monthly means), and total nitrogen (0.15 mg/L mean of monthly means).
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Mean of monthly means.
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Sources may be septic systems, erosion, stormwater, historic livestock grazing, and natural nitrogen fixation.
Alternative Enforceable Program	None
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

West Fork Carson River, Headwaters to Woodfords

Water Body	West Fork Carson River, Headwaters to Woodfords
Stressor/Media/Beneficial Use	Percent sodium/Water/Crop protection
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected in 2000
Data used to assess water quality	The WQO is 20% expressed as a mean of monthly means. Data collected in 2000 showed a mean of monthly means of 21.7%.
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Mean of monthly means.
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Road salt, septic systems, natural
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

West Fork Carson River, Woodfords to Paynesville

Water Body	West Fork Carson River, Woodfords to Paynesville
Stressor/Media/Beneficial Use	Percent sodium
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected in 2000
Data used to assess water quality	The WQO is 20% expressed as a mean of monthly means. Data collected in 2000 showed a mean of monthly means of 23%.
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Mean of monthly means.
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Road salt, septic systems, natural
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

West Fork Carson River, Woodfords to Paynesville

Water Body	West Fork Carson River, Woodfords to Paynesville
Stressor/Media/Beneficial Use	Nitrogen
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected between 1981-2000
Data used to assess water quality	Data exceeded the objectives for total nitrogen (0.25 mg/L mean of monthly means), and nitrate (0.03 mg/L mean of monthly means)
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Mean of monthly means
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Pasture runoff, stormwater, erosion, atmospheric deposition
Alternative Enforceable Program	None
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

West Fork Carson River, Woodfords to Paynesville

Water Body	West Fork Carson River, Woodfords to Paynesville
Stressor/Media/Beneficial Use	Pathogens/Water/Human health
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected in 2000-2001
Data used to assess water quality	Data indicated violation of the fecal coliform WQO in four of ten months sampled. Numbers of total and fecal coliform bacteria were higher during the summer grazing season.
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Ten months sampled.
Data type	Fecal coliform counts are numeric information
Use of standard method	Yes
Potential Source(s) of Pollutant	Partially natural sources (i.e. wildlife). Primary source is believed to be livestock waste.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Monitor Creek

Water Body	Monitor Creek
Stressor/Media/Beneficial Use	Sulfate./Water/Drinking
Data quality assessment. Extent to which data quality requirements met.	Unknown
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected in 1990-1991
Data used to assess water quality	Data indicated an annual mean that exceeded 100mg/L with maximum values of 700- 800 mg/L. The WQO for sulfate is 4.0 mg/L as an annual mean.
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Annual mean
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Source is acid mine drainage.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Monitor Creek

Water Body	Monitor Creek
Stressor/Media/Beneficial Use	TDS/Water/Drinking
Data quality assessment. Extent to which data quality requirements met.	Unknown
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected in 1990-1991
Data used to assess water quality	Data indicated an annual mean that exceeded 500mg/L at 4 of 7 sampling locations, with maximum values of 1000 mg/L at locations below mine tailings. The WQO for TDS is 80 mg/L as an annual mean.
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Annual mean
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Source is acid mine drainage.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Indian Creek

Water Body	Indian Creek
Stressor/Media/Beneficial Use	Pathogens/Water/Human health
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Samples collected between June 2000- May 2001
Data used to assess water quality	13 of 30 samples (43%) exceeded the WQO. The WQO requires that no more than 10% of samples exceed 40 colonies/100 ml.
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	June 2000- May 2001
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Fecal coliform counts were highest during grazing season.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

East Walker River above Bridgeport Reservoir

Water Body	East Walker River above Bridgeport Reservoir
Stressor/Media/Beneficial Use	Pathogens/Water/Human health
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Samples collected in 2000-2001
Data used to assess water quality	At least 8 of 17 samples (47%) exceeded 40 colonies/100 ml.. The WQO requires that no more than 10% of samples exceed 40 colonies/100 ml.
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Samples collected 2000-2001
Data type	Fecal coliform counts are numeric information
Use of standard method	Yes
Potential Source(s) of Pollutant	Fecal coliform counts were highest during grazing season.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

East Walker River below Bridgeport Reservoir

Water Body	East Walker River below Bridgeport Reservoir
Stressor/Media/Beneficial Use	Nitrogen/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Samples collected from April 2000 - February 2001 by USGS.
Data used to assess water quality	The mean of 9 samples was 0.64 mg/L. This exceeds the WQO (0.50 mg/L annual mean). Three of 9 samples (33%) exceeded the 90th percentile value of 0.80 mg/L. The WQO requires that no more than 10% of samples exceed the 90th percentile value.
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Samples collected April 2000 - February 2001
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Reservoir releases, stormwater, erosion
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

East Walker River below Bridgeport Reservoir

Water Body	East Walker River below Bridgeport Reservoir
Stressor/Media/Beneficial Use	Phosphorus/Water/Aquatic Life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Samples collected by USGS between April 2000-February 2001.
Data used to assess water quality	The mean of 11 samples was 0.083 mg/L. This exceeds the WQO of 0.06 mg/L (annual mean). Four of nine samples exceeded the 90th percentile value of 0.10 mg/L.
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Annual mean
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Release from Bridgeport Reservoir
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Virginia Creek

Water Body	Virginia Creek
Stressor/Media/Beneficial Use	Pathogens/Water/Human health
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected between April 2000- June 2001
Data used to assess water quality	1 of 15 fecal coliform samples (7%) exceeded the WQO of 40/100 ml. WQO requires that no more than 10% of samples collected in any 30-day period shall exceed 40/100 ml. Standard is being met.
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	No more than 10% of samples collected in any 30-day period shall exceed 40/100 ml.
Data type	Fecal coliform counts are numeric information
Use of standard method	Yes
Potential Source(s) of Pollutant	
Alternative Enforceable Program	
RWQCB Recommendation	Do not list
SWRCB Staff Recommendation	Do not list

Region 6

Robinson Creek

Water Body	Robinson Creek
Stressor/Media/Beneficial Use	Pathogens/Water/Human health
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Data collected between April 2000- June 2001.
Data used to assess water quality	At least 5 of 6 fecal coliform samples (83%) exceeded the WQO (no more than 10% of samples collected in any 30-day period shall exceed 40/100 ml)..
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	No more than 10% of samples collected in any 30-day period shall exceed 40/100 ml.
Data type	Fecal coliform counts are numeric information
Use of standard method	Yes
Potential Source(s) of Pollutant	High coliform counts coincide with months when livestock are present.
Alternative Enforceable Program	
RWQCB Recommendation	List
SWRCB Staff Recommendation	List

Region 6

Mojave River between Upper and Lower Narrows

Water Body	Mojave River between Upper and Lower Narrows
Stressor/Media/Beneficial Use	TDS/Water/Drinking
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Samples collected between March 2000- June 2001.
Data used to assess water quality	5 of 5 samples collected exceeded the TDS MCL of 500 mg/L
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Samples collected between March 2000 - June 2001.
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Natural (geothermal), imported water, wastewater
Alternative Enforceable Program	Unknown
RWQCB Recommendation	Delist. RWQCB staff recommended listing. Board removed listing.
SWRCB Staff Recommendation	Delist

Region 6

Mojave River between Upper and Lower Narrows

Water Body	Mojave River between Upper and Lower Narrows
Stressor/Media/Beneficial Use	Sulfate/Water/Drinking
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Samples collected between March 2000-June 2001.
Data used to assess water quality	4 of 5 (80%) samples exceeded the 90th percentile value of 100 mg/L. No more than 10% of samples are to exceed the 90th percentile value.
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Samples collected between March 2000-June 2001.
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Natural (geothermal), imported water, wastewater
Alternative Enforceable Program	
RWQCB Recommendation	Delist. RWQCB staff recommended listing. Board removed listing.
SWRCB Staff Recommendation	Delist

Region 6

Mojave River between Upper and Lower Narrows

Water Body	Mojave River between Upper and Lower Narrows
Stressor/Media/Beneficial Use	Chloride/Water/Aquatic life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to WQO
Water Body-specific Information	Samples collected between March 2000-June 2001.
Data used to assess water quality	5 of 5 samples exceeded the WQOs (75 mg/L annual mean; 100 mg/L 90th percentile value)
Spatial representation	Targeted in water body. Locations unknown.
Temporal representation	Samples collected between March 2000-June 2001.
Data type	WQO and water column chemistry data are numeric values
Use of standard method	Yes
Potential Source(s) of Pollutant	Natural (geothermal), imported water, wastewater
Alternative Enforceable Program	
RWQCB Recommendation	Delist. RWQCB staff recommended listing. Board removed listing.
SWRCB Staff Recommendation	Delist

Region 6

Donner Lake

Water Body	Donner Lake
Stressor/Media/Beneficial Use	Priority Organics/Water/Human health
Data quality assessment. Extent to which data quality requirements met.	TSMP uses QAPP
Linkage between measurement endpoint and benefical use or standard	Yes
Utility of measure for judging if standards or uses are not attained	Measurement can be directly compared to MTRL
Water Body-specific Information	Fish collected in Lake. Most recent TSMP data from 1991, 1993.
Data used to assess water quality	Two composite fish tissue samples (1991, 1993) showed PCB concentrations of 165 ppb and 102 ppb. The MTRL for PCBs is 5.3 ppb. MTRL for chlordane is 8.0 ppb. One fish tissue sample from 1991 showed a chlordane concentration of 26.2 ppb.
Spatial representation	Two composite fish tissue samples of 6-7 fish each.
Temporal representation	Data collected at various times since 1978. Most recently in 1991 and 1993.
Data type	Numerical fish tissue data
Use of standard method	Yes
Potential Source(s) of Pollutant	Unknown
Alternative Enforceable Program	
RWQCB Recommendation	Delist based on limited data used to list. No OEHHA advisory in effect. No recent data available.
SWRCB Staff Recommendation	Maintain listing. TSMP data is sufficient (two composite samples of 13 fish), and exceedances of WQO are large enough to maintain listing. PCB concentrations were 165 and 102 ppb. (MTRL is 5.3 ppb). Chlordane result was 26.2 ppb. MTLR is 8.0 ppb. RB may request TSMP to schedule monitoring before next listing cycle.

Region 6

Stampede Reservoir

Water Body	Stampede Reservoir
Stressor/Media/Beneficial Use	Pesticides (lindane)/Tissue/Human health
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	NA
Alternative Enforceable Program	NA
RWQCB Recommendation	Delist because original listing was based on limited data Only one data point was available during 1989 listing. WQO for lindane is 2.5 ug/kg and original sample result was 2.6 ug/kg. Place on Watch List for additional monitoring.
SWRCB Staff Recommendation	Delist because original listing was based on limited data Only one data point was available during 1989 listing. WQO for lindane is 2.5 ug/kg and original sample result was 2.6 ug/kg. Place on Watch List for additional monitoring.

Region 6

Wendel Hot Springs, Amedee Hot Springs, Hot Creek, Fales Hot

Water Body	Wendel Hot Springs, Amedee Hot Springs, Hot Creek, Fales Hot Springs, Little Hot Creek, Little Alkali Lake, Deep Springs Lake, Keogh Hot Springs, Amaragosa River
Stressor/Media/Beneficial Use	Salinity, metals, arsenic
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	Natural causes
Alternative Enforceable Program	
RWQCB Recommendation	Delist due to natural causes of impairments. Basin Plan amendments for 9 waters to remove MUN use have been approved by SWRCB. Use attainability analysis has been prepared by RWQCB.
SWRCB Staff Recommendation	Delist due to natural causes of impairments. Basin Plan amendments for 9 waters to remove MUN use have been approved by SWRCB. Use attainability analysis has been prepared by RWQCB.

Region 6

Upper Alkali Lake

Water Body	Upper Alkali Lake
Stressor/Media/Beneficial Use	Salinity, TDS, Chlorides/Water/Drinking
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	Input from geothermal springs and concentration by evaporation over geologic timescale.
Alternative Enforceable Program	
RWQCB Recommendation	Delist because exceedence of standards is due to natural causes. TMDL is not applicable.
SWRCB Staff Recommendation	Delist because exceedence of standards is due to natural causes. TMDL is not applicable.

Region 6

Middle Alkali Lake

Water Body	Middle Alkali Lake
Stressor/Media/Beneficial Use	Salinity, TDS, Chlorides/Water/Drinking
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	Input from geothermal springs and concentration by evaporation over geologic timescale.
Alternative Enforceable Program	
RWQCB Recommendation	Delist because exceedence of standards is due to natural causes. TMDL is not applicable.
SWRCB Staff Recommendation	Delist because exceedence of standards is due to natural causes. TMDL is not applicable.

Region 6

Lower Alkali Lake

Water Body	Lower Alkali Lake
Stressor/Media/Beneficial Use	Salinity, TDS, Chlorides/Water/Drinking
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	Input from geothermal springs and concentration by evaporation over geologic timescale.
Alternative Enforceable Program	
RWQCB Recommendation	Delist because exceedence of standards is due to natural causes. TMDL is not applicable.
SWRCB Staff Recommendation	Delist because exceedence of standards is due to natural causes. TMDL is not applicable.

Region 6

Top Spring

Water Body	Top Spring
Stressor/Media/Beneficial Use	Radiation/Water/Human health
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	Natural source of radioactivity. Spring is contained within a pipe and is not used as a water supply.
Alternative Enforceable Program	
RWQCB Recommendation	Delist because exceedence of standards is due to natural causes. TMDL is not applicable.
SWRCB Staff Recommendation	Delist because exceedence of standards is due to natural causes. TMDL is not applicable.

Region 6

Snow Creek

Water Body	Snow Creek
Stressor/Media/Beneficial Use	Habitat Alterations/Habitat/Aquatic life
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	NA
Alternative Enforceable Program	
RWQCB Recommendation	Delist due to implementation of a wetland/riparian restoration program that included removal of fill material, restoration of the stream channel, revegetation, and installation of culverts to allow fish passage and reduce highway flooding.
SWRCB Staff Recommendation	Delist due to implementation of a wetland/riparian restoration program that included removal of fill material, restoration of the stream channel, revegetation, and installation of culverts to allow fish passage and reduce highway flooding.

Region 6

East Fork Carson River

Water Body	East Fork Carson River
Stressor/Media/Beneficial Use	Nutrients/Water/Aquatic life
Data quality assessment. Extent to which data quality requirements met.	QA procedures used for pH analysis
Linkage between measurement endpoint and benefical use or standard	Nutrients can be linked to Aquatic Life.
Utility of measure for judging if standards or uses are not attained	Increases in pH can results from algal blooms, which result from high nutrient levels
Water Body-specific Information	pH data collected in Nevada, 12-13 miles downstream of state boundary.
Data used to assess water quality	24 laboratory measurements of pH taken between 1997-2001 showed no violations of the WQO for pH. 5 of 26 field measurements were slightly outside the WQO for pH. These deviations are not enough to affect beneficial uses.
Spatial representation	pH data collected in Nevada, 12-13 miles downstream of state boundary.
Temporal representation	24 laboratory measurements of pH taken between 1997-2001.
Data type	pH values are numeric
Use of standard method	yes for pH
Potential Source(s) of Pollutant	NA
Alternative Enforceable Program	NA
RWQCB Recommendation	Delist based on faulty data used in original listing, and current data that shows that no impairment of beneficial uses.
SWRCB Staff Recommendation	Delist based on faulty data used in original listing, and current data that shows that no impairment of beneficial uses.

Region 6

East Walker River

Water Body	East Walker River
Stressor/Media/Beneficial Use	Metals/Tissue/Human health
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	NA
Alternative Enforceable Program	NA
RWQCB Recommendation	Delist because original listing was based on inappropriate use of EDLs as WQOs. EDLs are Elevated Data Levels that are the 85th and 95th percentiles of all data collected, and are not WQOs.
SWRCB Staff Recommendation	Delist because original listing was based on inappropriate use of EDLs as WQOs. EDLs are Elevated Data Levels that are the 85th and 95th percentiles of all data collected, and are not WQOs.

Region 6

Mono Lake

Water Body	Mono Lake
Stressor/Media/Beneficial Use	Salinity, TDS, Chlorides/Water/Aquatic life, Wildlife
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	Water diversion. Natural causes.
Alternative Enforceable Program	SWRCB WR Decision 1631
RWQCB Recommendation	Delist because high concentrations of salts and trace elements are from natural sources. SWRCB Decision 1631 establishes conditions to control lake level and salt concentrations.
SWRCB Staff Recommendation	Delist because an alternative enforceable program is in place. SWRCB Decision 1631 establishes conditions to control lake level and salt concentrations. Salt concentrations are not solely due to natural causes. Fifty years of water diversions caused a 45 foot drop in lake level, which caused increases in salt concentrations above those caused by natural sources. SWRCB Decision 1631 established a restored lake level of 6391 feet to meet water quality standards.

Region 6

Grant Lake

Water Body	Grant Lake
Stressor/Media/Beneficial Use	Arsenic/Water, Tissue/Drinking, Human health
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	Source is of volcanic origin, with no sources of industrial or agricultural discharges.
Alternative Enforceable Program	
RWQCB Recommendation	Delist due to natural causes. Beneficial uses are drinking water supply for City of Los Angeles and fish consumption. Water is blended in order to meet current drinking water standard at the tap. 1991 TSMP data showed no exceedences of fish consumption criteria.
SWRCB Staff Recommendation	Delist due to natural causes. Beneficial uses are drinking water supply for City of Los Angeles and fish consumption. Water is blended in order to meet current drinking water standard at the tap. 1991 TSMP data showed no exceedences of fish consumption criteria.

Region 6

Big Springs

Water Body	Big Springs
Stressor/Media/Beneficial Use	Arsenic/Water/Drinking
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	Source is of volcanic origin, with no sources of industrial or agricultural discharges.
Alternative Enforceable Program	NA
RWQCB Recommendation	Delist due to natural causes. Beneficial use is drinking water supply for City of Los Angeles Arsenic is removed from this water supply before delivery for use.
SWRCB Staff Recommendation	Delist due to natural causes. Beneficial use is drinking water supply for City of Los Angeles Arsenic is removed from this water supply before delivery for use.

Region 6

Crowley Lake

Water Body	Crowley Lake
Stressor/Media/Beneficial Use	Arsenic/Water/Drinking
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	Source is of volcanic origin, with no sources of industrial or agricultural discharges.
Alternative Enforceable Program	NA
RWQCB Recommendation	Delist due to natural causes. Beneficial use is drinking water supply for City of Los Angeles Arsenic is removed from this water supply before delivery for use.
SWRCB Staff Recommendation	Delist due to natural causes. Beneficial use is drinking water supply for City of Los Angeles Arsenic is removed from this water supply before delivery for use.

Region 6

Tinemaha Reservoir

Water Body	Tinemaha Reservoir
Stressor/Media/Beneficial Use	Arsenic/Water/Drinking
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	Source is of volcanic origin, with no sources of industrial or agricultural discharges.
Alternative Enforceable Program	NA
RWQCB Recommendation	Delist due to natural causes. Beneficial use is drinking water supply for City of Los Angeles Arsenic is removed from this water supply before delivery for use.
SWRCB Staff Recommendation	Delist due to natural causes. Beneficial use is drinking water supply for City of Los Angeles Arsenic is removed from this water supply before delivery for use.

Region 6

Owens River

Water Body	Owens River
Stressor/Media/Beneficial Use	Arsenic/Water/Drinking
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	Source is of volcanic origin, with no sources of industrial or agricultural discharges.
Alternative Enforceable Program	NA
RWQCB Recommendation	Delist due to natural causes. Beneficial use is drinking water supply for City of Los Angeles Arsenic is removed from this water supply before delivery for use.
SWRCB Staff Recommendation	Delist due to natural causes. Beneficial use is drinking water supply for City of Los Angeles Arsenic is removed from this water supply before delivery for use.

Region 6

Owens Lake

Water Body	Owens Lake
Stressor/Media/Beneficial Use	Salinity, TDS, Chlorides/Water/Drinking, Aquatic life
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	Owens Lake has accumulated salts and trace elements from volcanic and geothermal sources and from concentration caused by water diversions in a closed basin over geologic time.
Alternative Enforceable Program	Windblown dust control agreement by LADWP and Great Basin Unified Air Pollution Control District.
RWQCB Recommendation	Delist due to natural sources of salts and trace elements. Except for a few inches of water used to wet the dry lakebed to reduce particulate air pollution, no water remains. Not a drinking water supply.
SWRCB Staff Recommendation	Delist due to natural sources of salts and trace elements. Except for a few inches of water used to wet the dry lakebed to reduce particulate air pollution, no water remains. Not a drinking water supply.

Region 6

Hot Creek

Water Body	Hot Creek
Stressor/Media/Beneficial Use	Metals/Water/Drinking
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	Metals (arsenic and others) come from natural geothermal and volcanic sources.
Alternative Enforceable Program	NA
RWQCB Recommendation	Delist due to natural sources of metals.
SWRCB Staff Recommendation	Delist due to natural sources of metals.

Region 6

Mojave River

Water Body	Mojave River
Stressor/Media/Beneficial Use	Priority Organics/Water/Human health
Data quality assessment. Extent to which data quality requirements met.	QA procedures used
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	"Barstow Slug" of subsurface pollutants
Alternative Enforceable Program	No
RWQCB Recommendation	Delist because pollutants were present in groundwater portion of this intermittent stream, and listings are limited to surface waters. Also a 1991 USGS study showed that priority pollutants are no longer present in concentrations of concern in the area affected by the groundwater plume.
SWRCB Staff Recommendation	Delist because pollutants were present in groundwater portion of this intermittent stream, and listings are limited to surface waters. Also a 1991 USGS study showed that priority pollutants are no longer present in concentrations of concern in the area affected by the groundwater plume.

Region 6

Searles Lake

Water Body	Searles Lake
Stressor/Media/Beneficial Use	Salinity, TDS, Chlorides/Water/Drinking
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	Some natural sources, possible discharges of brine from IMCC.
Alternative Enforceable Program	
RWQCB Recommendation	Delist because impairment resulting from salinity/TDS/chlorides is from natural sources, and the lake is supporting aquatic life uses to the extent possible under extreme environmental conditions.
SWRCB Staff Recommendation	Insufficient information to Delist. No monitoring data provided to show that discharges of brine from IMCC do not elevate brine concentration above already high natural levels. Factsheet states that, Most of the surface water currently on the lakebed is brine extracted from beneath the lakebed by IMCC and returned to the lakebed following the extraction of minerals. Insufficient information to show that waterfowl deaths are caused solely by petroleum hydrocarbons and not affected by elevated brine levels.

Region 6

Eagle Lake

Water Body	Eagle Lake
Stressor/Media/Beneficial Use	Nitrogen, Phosphorus
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	NA
Alternative Enforceable Program	NA
RWQCB Recommendation	Change listing from low dissolved oxygen to separate listings for nitrogen and phosphorus.
SWRCB Staff Recommendation	Change listing from low dissolved oxygen to separate listings for nitrogen and phosphorus.

Region 6

Lake Tahoe

Water Body	Lake Tahoe
Stressor/Media/Beneficial Use	Nitrogen, Phosphorus/Water/Aquatic life
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	Stormwater runoff, erosion, atmospheric deposition
Alternative Enforceable Program	NA
RWQCB Recommendation	Clarify previous listing for nutrients. Replace nutrient listing with separate listings for nitrogen and phosphorus.
SWRCB Staff Recommendation	Clarify previous listing for nutrients. Replace nutrient listing with separate listings for nitrogen and phosphorus.

Region 6

Monitor Creek

Water Body	Monitor Creek
Stressor/Media/Beneficial Use	Iron, silver, aluminum, manganese/Water/Aquatic life
Data quality assessment. Extent to which data quality requirements met.	NA
Linkage between measurement endpoint and benefical use or standard	NA
Utility of measure for judging if standards or uses are not attained	NA
Water Body-specific Information	NA
Data used to assess water quality	NA
Spatial representation	NA
Temporal representation	NA
Data type	NA
Use of standard method	NA
Potential Source(s) of Pollutant	Acid mine drainage. Specific metals identified during a Section 205(j)-funded study of the chemistry and biology of Monitor Creek.
Alternative Enforceable Program	NA
RWQCB Recommendation	Clarify metals listing. Replace metals listing with listings for 4 specific metals- iron, silver, aluminum, manganese.
SWRCB Staff Recommendation	Clarify metals listing. Replace metals listing with listings for 4 specific metals - iron, silver, aluminum, manganese.

Water Bodies Proposed for the Watch List by Region 6

Cold Stream	Sediment
Donner Creek	Sediment
Donner Lake	Boat Fuel Constituents Pathogens
Eagle Lake	Mercury
Emerson Creek	Sediment
Lake Tahoe	Boat fuel constituents Iron Lead in sediment Mercury in sediment Pesticides (40 different compounds)
Lassen Creek	Sediment
Lily Lake	Nutrients
Little Truckee River	Sediment
Long Valley Creek	Sediment
Martis Creek	Nutrients
Pine Creek	Nutrients
Raider Creek	Sediment
Squaw Creek Meadow Wetlands	Pesticides
Stampede Reservoir	Chlordane, lindane
Summit Creek	Petroleum products
Susan River d/s of Paiute Creek	Mercury

	Nickel
	PCBs
Susan River u/s of Susanville	
	Mercury
	Nickel
Tahoe Keys Sailing Lagoon	
	PCBs
	Toxaphene
Taylor Creek	
	Pesticides (8 different compounds)
Truckee River	
	Chloride
	TDS
Upper Angora Lake	
	Pesticides (16 different compounds)

Reference List for Region 6

Staff Report

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