Final California 2010 Integrated Report(303(d) List/305(b) Report)

Supporting Information

Regional Board 1 - North Coast Region

Water Body Name: Trinity River HU, Upper HA, Trinity River, East Fork
Water Body ID: CAR1064003020021003231112
Water Body Type: River & Stream

DECISION ID 6833 Region 1

Trinity River HU, Upper HA, Trinity River, East Fork

Pollutant: Mercury
Final Listing Decision: List on 303(d) list (TMDL required list)
Last Listing Cycle's Final Listing Decision: List on 303(d) list (TMDL required list)(2006)
Revision Status Original
Sources: Source Unknown
Expected TMDL Completion Date: 2019
Impairment from Pollutant or Pollution: Pollutant

Conclusion: This pollutant is being considered for placement on the section 303(d) list under section 3.5 of the Listing Policy. Two lines of evidence are available in the administrative record to assess this pollutant.

Based on the readily available data and information, the weight of evidence indicates that there is sufficient justification in favor of placing this water segment-pollutant combination on the section 303(d) list in the Water Quality Limited Segments category.

This conclusion is based on the staff findings that:
1. The data used satisfies the data quality requirements of section 6.1.4 of the Policy.
2. The data used satisfies the data quantity requirements of section 6.1.5 of the Policy.
3. Three of the 137 samples exceeded the OEHHA Screening Value and there is a fish consumption advisory in place in this water body for this pollutant.
4. Pursuant to section 3.4 of the Listing Policy, water segment-specific data are available indicating the evaluation guideline for tissue is exceeded.

RWQCB Board Staff Decision: This is a decision made by the State Water Resources Control Board and approved by the USEPA in 2006 . No new data were assessed by the Regional Board for 2008. The decision has not changed.

SWRCB Board Staff Decision: After review of this Regional Board decision, SWRCB staff recommend the decision be approved by the State Board.

USEPA Action (if applicable): USEPA approved the listing of this water body as a water quality limited segment requiring a TMDL for this pollutant.

Line of Evidence (LOE) for Decision ID 6833, Mercury **Region 1**

Trinity River HU, Upper HA, Trinity River, East Fork

LOE ID: 1673

Pollutant: Mercury
LOE Subgroup: Health Advisories

Matrix:	Not Specified
Fraction:	None
Beneficial Use:	Commercial or recreational collection of fish, shellfish, or organisms
Number of Samples:	0
Number of Exceedances:	0
Data and Information Type:	Not Specified
Data Used to Assess Water Quality:	A fish consumption advisory has been established for mercury in Trinity County. The advisory was established by the Office of Environmental Health Hazard Assessment.
Data Reference:	Placeholder reference 2006 303(d)
Water Quality Objective/Criterion:	
Objective/Criterion Reference:	
Evaluation Guideline:	A fish consumption advisory has been established for mercury in Trinity County. The advisory was established by the Office of Environmental Health Hazard Assessment.
Guideline Reference:	Placeholder reference 2006 303(d)
Spatial Representation:	
Temporal Representation:	
Environmental Conditions:	
QAPP Information:	QA Info Missing
QAPP Information Reference(s):	

Line of Evidence (LOE) for Decision ID 6833, Mercury **Region 1**

Trinity River HU, Upper HA, Trinity River, East Fork

LOE ID:	1674
Pollutant:	Mercury
LOE Subgroup:	Pollutant-Tissue
Matrix:	Tissue
Fraction:	Total
Beneficial Use:	Commercial or recreational collection of fish, shellfish, or organisms
Number of Samples:	137
Number of Exceedances:	3
Data and Information Type:	Fixed station biological monitoring
Data Used to Assess Water Quality:	Three out of 137 samples exceeded (NRDC, 2006).
Data Reference:	Placeholder reference 2006 303(d)
Water Quality Objective/Criterion:	North Coast RWQCB Water Quality Control Plan: All waters shall be maintained free of toxic substances in concentrations that are toxic to, or that produce detrimental physiological responses in human, plant, animal, or aquatic life.
Objective/Criterion Reference:	Placeholder reference 2006 303(d)
Evaluation Guideline:	0.3 µg/g (OEHHA Screening Value).
Guideline Reference:	Placeholder reference 2006 303(d)
Spatial Representation:	One exceeding sample was taken 1.2 miles below Devil's Creek. Another exceeding sample was taken below Altoona Mine Drain. The third sample was taken below County Road 106, near Trinity Center.
Temporal Representation:	Samples were collected between 9/11/2000 and 8/14/2002.
Environmental Conditions:	

QAPP Information: USGS
QAPP Information Reference(s):

DECISION ID **6717** **Region 1**

Trinity River HU, Upper HA, Trinity River, East Fork

Pollutant:	**Sedimentation/Siltation**
Final Listing Decision:	**List on 303(d) list (being addressed by USEPA approved TMDL)**
Last Listing Cycle's Final Listing Decision:	List on 303(d) list (being addressed by USEPA approved TMDL)(2006)
Revision Status	Original
Sources:	Channel Erosion | Dam Construction | Flow Regulation/Modification | Habitat Modification | Harvesting, Restoration, Residue Management | Hydromodification | Logging Road Construction/Maintenance | Mine Tailings | Natural Sources | Nonpoint Source | Placer Mining | Removal of Riparian Vegetation | Resource Extraction | Silviculture | Streambank Modification/Destabilization | Subsurface Mining
TMDL Name:	Trinity River Sediment
TMDL Project Code:	505
Date TMDL Approved by USEPA:	12/20/2001
Impairment from Pollutant or Pollution:	Pollutant

Conclusion:

This pollutant is being considered for listing under section 2.2 of the Listing Policy. Under this section of the Policy, a minimum of one line of evidence is needed to assess listing status.

US EPA was the lead agency for development of the technical TMDL for the Trinity River TMDL. US EPA established the Trinity River Technical TMDL for Sediment on December 20, 2001.

Based on the readily available information, the weight of evidence indicates that there is sufficient justification in favor of placing this water segment-pollutant combination in the Water Quality Limited Segments Being Addressed portion of the section 303(d) list.

RWQCB Board Staff Decision:

This is a decision made by the State Water Resources Control Board and approved by the USEPA in 2006 . No new data were assessed by the Regional Board for 2008. The decision has not changed.

SWRCB Board Staff Decision:

After review of this Regional Board decision, SWRCB staff recommend the decision be approved by the State Board.

USEPA Action (if applicable):

Line of Evidence (LOE) for Decision ID 6717, Sedimentation/Siltation **Region 1**

Trinity River HU, Upper HA, Trinity River, East Fork

LOE ID:	1675
Pollutant:	Sedimentation/Siltation
LOE Subgroup:	Pollutant-Water
Matrix:	Water
Fraction:	None
Beneficial Use:	Cold Freshwater Habitat
Number of Samples:	0

Number of Exceedances:	0
Data and Information Type:	Not Specified
Data Used to Assess Water Quality:	Unspecified?This LOE is a placeholder to support a 303(d) listing decision made prior to 2006.
Data Reference:	Placeholder reference 2006 303(d)
Water Quality Objective/Criterion:	
Objective/Criterion Reference:	
Evaluation Guideline:	
Guideline Reference:	
Spatial Representation:	
Temporal Representation:	
Environmental Conditions:	
QAPP Information:	QA Info Missing
QAPP Information Reference(s):	