

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, South Fork HA](#)
 Water Body ID: CAR1062302019990216114308
 Water Body Type: River & Stream

DECISION ID 17508

Region 1

Trinity River HU, South Fork HA

Pollutant: Hexachlorocyclohexane (HCH), alpha | Hexachlorocyclohexane (HCH), beta | Aldrin | Atrazine | Azinphos, Ethyl (Ethyl Guthion) | Bolstar | Carbofuran | Chlordane | Chlorothalonil | Chlorpyrifos | Chlorpyrifos, methyl | Ciodrin | Dacthal | Demeton s | Dichlofenthion | Dichlorvos | Dieldrin | Dimethoate | Dioxathion | Dyfonate (Fonofos or Fonophos) | Endrin | Endrin Ketone | Ethion | Ethoprop | Famphur | Fenchlorphos | Fenitrothion | Fensulfothion | Fenthion | Glyphosate | Heptachlor | Heptachlor epoxide | Hexachlorobenzene/ HCB | Leptophos | Lindane/gamma Hexachlorocyclohexane (gamma-HCH) | Merphos | Methidathion | Methoxychlor | Methyl Parathion | Mevinphos | Molinate | Naled | Oxadiazon | Oxychlordane | Phorate | Phosmet | Phosphamidon | Prometon (Prometone) | Prometryn | Propazine | Secbumeton | Simazine | Simetryn | Sulfotep | Tedion | Terbufos | Terbutylazine | Terbutryn | Tetrachlorvinphos | Thiobencarb/Bolero | Thionazin | Tokuthion | Toxaphene | Trichlorfon | Trichloronate | beta-BHC (Benzenehexachloride or beta-HCH) | cis-Nonachlor | delta-BHC (Benzenehexachloride or delta-HCH) | o,p?-DDD (Dichlorodiphenyldichloroethane) | o,p?-DDE (Dichlorodiphenyldichloroethylene) | p,p'-DDD (Dichlorodiphenyldichloroethane) | p,p'-DDE | p,p?-DDMU | trans-Nonachlor

Final Listing Decision: Do Not List on 303(d) list (TMDL required list)

Last Listing Cycle's Final Listing Decision: New Decision

Revision Status

Revised

Impairment from Pollutant or Pollution: Pollutant

Conclusion: These pollutants are being considered for placement on the section 303(d) list under section 3.1 of the Listing Policy. Under section 3.1 a single line of evidence is necessary to assess listing status. Two lines of evidence are available in the administrative record to assess this pollutant. None of the samples in LOE #30172 exceed the water quality objective. The pollutants in LOE #30067 do not have water quality objectives and, therefore, a decision could not be made. The samples were analyzed for 95 pesticides, pesticide constituents, isomers, or metabolites. For each of the 95 pesticide analytes, 8 to 9 samples were collected. The samples were collected as part of the Surface Water Ambient Water Monitoring Program (SWAMP). The data are found in the 5-Year Monitoring Report (NCRWQCB 2008). Based on the readily available data and information, the weight of evidence indicates that there is sufficient justification against 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. None of 742 samples for both LOEs, #30067, without criteria, or LOE #30172 with criteria, exceeded the water quality guidelines and this does not exceed the allowable frequency listed in Table 3.1 of the Listing Policy. 4. Pursuant to section 3.11 of the Listing Policy, no additional data and information are available indicating that standards are not met.

RWQCB Board Staff Decision:	After review of the available data and information, RWQCB staff concludes that the water body-pollutant combination should not be placed on the section 303(d) list because applicable water quality standards are not being exceeded.
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 17508, Multiple Pollutants**Region 1****Trinity River HU, South Fork HA**

LOE ID:	30067
Pollutant:	Azinphos, Ethyl (Ethyl Guthion) Bolstar Carbofuran Chlorothalonil Chlorpyrifos, methyl Ciodrin Demeton s Dichlofenthion Dichlorvos Dimethoate Dioxathion Dyfonate (Fonofos or Fonophos) Endrin Ketone Ethion Ethoprop Famphur Fenchlorphos Fenitrothion Fensulfothion Fenthion Leptophos Lindane/gamma Hexachlorocyclohexane (gamma-HCH) Merphos Methidathion Methyl Parathion Mevinphos Naled Oxadiazon Oxychlordane Phorate Phosmet Phosphamidon Prometon (Prometone) Prometryn Propazine Secbumeton Simetryn Sulfotep Tedion Terbufos Terbutylazine Terbutryn Tetrachlorvinphos Thiobencarb/Bolero Thionazin Tokuthion Trichlorfon Trichloronate beta-BHC (Benzenehexachloride or beta-HCH) cis-Nonachlor delta-BHC (Benzenehexachloride or delta-HCH) o,p?-DDD (Dichlorodipenyldichloroethane) o,p?-DDE (Dichlorodipenyldichloroethylene) p,p'-DDD (Dichlorodipenyldichloroethane) p,p'-DDE p,p?-DDMU trans-Nonachlor
LOE Subgroup:	Pollutant-Water
Matrix:	Water
Fraction:	Dissolved
Beneficial Use:	Municipal & Domestic Supply
Number of Samples:	742
Number of Exceedances:	0
Data and Information Type:	PHYSICAL/CHEMICAL MONITORING
Data Used to Assess Water Quality:	None of the 742 pesticides samples collected in the South Fork Trinity River exceed the objective as all of the samples were either measured as non-detect or were measured as detected but not quantified with reporting limits below objectives or evaluation guidelines. The samples were analyzed for 95 pesticides, pesticide constituents, isomers, or metabolites. For each of the 95 pesticide analytes, 8 to 9 samples were collected. The samples were collected as part of the Surface Water Ambient Water Monitoring Program (SWAMP). The data are found in the 5-Year Monitoring Report (NCRWQCB 2008).
Data Reference:	Surface Water Ambient Monitoring Program (SWAMP). Summary Report for the North Coast Region (RWQCB-1) for years 2000-2006. North Coast Regional Water Quality Control Board. March 2008
Water Quality Objective/Criterion:	Per the Basin Plan (NCRWQCB 2007): No individual pesticide or combination of pesticides shall be present in concentrations that adversely affect beneficial uses. There shall be no bioaccumulation of pesticide concentrations found in bottom sediments or aquatic life. Waters designated for use as domestic or municipal supply shall not contain concentrations of pesticides in excess of the limiting concentrations set forth in California Code of Regulations, Title 22, Division 4, Chapter 15, Article 4, Section 64444, and listed in Table 3.2 of the

Objective/Criterion Reference:	Basin Plan. No evaluation guidelines for the dissolved fractions of the pesticides assessed for this waterbody for the Municipal & Domestic Supply beneficial use could be found that meet the requirements of Section 6.1.3 of the Listing Policy. Water Quality Control Plan (Basin Plan) - North Coast Region (Region 1)
Evaluation Guideline: Guideline Reference:	
Spatial Representation:	Samples were collected from the South Fork Trinity River near Salyer (SWAMP Station ID 106TRINSF). Samples were collected from well-mixed flows in glides or riffles.
Temporal Representation:	Samples were collected from February 2002 to June 2005. Site visits corresponded to fall, winter, spring and early summer seasonal conditions.
Environmental Conditions:	There are no known environmental conditions (e.g., seasonality, land use practices, fire events, storms, etc.) that are related to these data.
QAPP Information:	Quality control was conducted in accordance with the SWAMP Quality Assurance Management Plan (SWAMP 2002).
QAPP Information Reference(s):	

Line of Evidence (LOE) for Decision ID 17508, Multiple Pollutants**Region 1****Trinity River HU, South Fork HA**

LOE ID:	30172
Pollutant:	Hexachlorocyclohexane (HCH), alpha Hexachlorocyclohexane (HCH), beta Aldrin Atrazine Carbofuran Chlordane Chlorpyrifos Dacthal Dieldrin Endrin Glyphosate Heptachlor Heptachlor epoxide Hexachlorobenzene/HCB Lindane/gamma Hexachlorocyclohexane (gamma-HCH) Methoxychlor Molinate Simazine Thiobencarb/Bolero Toxaphene
LOE Subgroup:	Pollutant-Water
Matrix:	Water
Fraction:	Dissolved
Beneficial Use:	Municipal & Domestic Supply
Number of Samples:	742
Number of Exceedances:	0
Data and Information Type:	PHYSICAL/CHEMICAL MONITORING
Data Used to Assess Water Quality:	None of the 742 pesticides samples collected in the South Fork Trinity River exceed the objective as all of the samples were either measured as non-detect or were measured as detected but not quantified with reporting limits below objectives or evaluation guidelines. The samples were analyzed for 95 pesticides, pesticide constituents, isomers, or metabolites. For each of the 95 pesticide analytes, 8 to 9 samples were collected. The samples were collected as part of the Surface Water Ambient Water Monitoring Program (SWAMP). The data are found in the 5-Year Monitoring Report (NCRWQCB 2008).
Data Reference:	Surface Water Ambient Monitoring Program (SWAMP). Summary Report for the North Coast Region (RWQCB-1) for years 2000-2006. North Coast Regional Water Quality Control Board. March 2008
Water Quality Objective/Criterion:	Per the Basin Plan (NCRWQCB 2007): No individual pesticide or combination of pesticides shall be present in concentrations that adversely affect beneficial uses. There shall be no bioaccumulation of pesticide concentrations found in bottom sediments or aquatic life. Waters designated for use as domestic or municipal supply shall not contain concentrations of pesticides in excess of the limiting concentrations set forth in California Code of Regulations, Title 22, Division 4, Chapter 15, Article 4, Section 64444, and listed in Table 3.2 of the Basin Plan. No evaluation guidelines for the dissolved fractions of the pesticides assessed

for this waterbody for the Municipal & Domestic Supply beneficial use could be found that meet the requirements of Section 6.1.3 of the Listing Policy.

Objective/Criterion Reference: [Water Quality Control Plan \(Basin Plan\) - North Coast Region \(Region 1\)](#)

Evaluation Guideline: Hexachlorocyclohexane, alpha (0.0026 ug/l)
Hexachlorocyclohexane, beta (0.0091ug/l)
Aldrin (0.000049 ug/l)
Atrazine (0.001 ug/l)
Carbofuran (0.04 mg/l)
Chlordane (0.0001 ug/l)
Chlorpyrifos (0.083 ug/l)
Dacthal (70 ug/l)
Dieldrin (0.00014 ug/l)
Endrin (0.002 ug/l)
Glyphosate (700 ug/l)
Heptachlor (0.01 ug/l)
Heptachlor epoxide (0.01 ug/l)
Hexachlorobenzene/ HCB (0.001 ug/l)
Lindane/gamma Hexachlorocyclohexane (gamma-HCH) (.98 ug/l)
Methoxychlor (0.03 mg/l)
Molinate (0.02 mg/l)
Simazine (0.04 mg/l)
Thiobencarb/Bolero (0.07 mg/l)
Toxaphene (0.003 mg/l)

Guideline Reference: [National recommended water quality criteria: 2002. EPA-822-R-02-047 Washington, D.C. USEPA](#)
[Water Quality Standards 2000. Establishment of numeric criteria for priority toxic pollutants for the State of California: Rules and regulations. Federal Register Vol. 65, No. 97. Washington, D.C.: Environmental Protection Agency](#)
[California Code of Regulations, Title 22, Division 4, Chapter 15. Domestic Water Quality and Monitoring.](#)
<http://www.cdph.ca.gov/certlic/drinkingwater/Pages/Lawbook.aspx>

Spatial Representation: Samples were collected from the South Fork Trinity River near Salyer (SWAMP Station ID 106TRINSF). Samples were collected from well-mixed flows in glides or riffles.

Temporal Representation: Samples were collected from the South Fork Trinity River near Salyer (SWAMP Station ID 106TRINSF). Samples were collected from well-mixed flows in glides or riffles.

Environmental Conditions: There are no known environmental conditions (e.g., seasonality, land use practices, fire events, storms, etc.) that are related to these data.

QAPP Information: Quality control was conducted in accordance with the SWAMP Quality Assurance Management Plan (SWAMP 2002).

QAPP Information Reference(s):

DECISION ID 12319

Region 1

Trinity River HU, South Fork HA

Pollutant: Aluminum
Final Listing Decision: Do Not List on 303(d) list (TMDL required list)
Last Listing Cycle's Final Listing Decision: New Decision
Revision Status: Revised
Impairment from Pollutant or Pollution: Pollutant

Conclusion: This pollutant is being considered for placement on the Section 303(d) List under Section 3.1 of the Listing Policy. Under Section 3.1, a single line of evidence is necessary to assess listing status. One line of evidence is available in the administrative record to assess this pollutant. None of the 15 aluminum samples

exceed the water quality objective. Based on the readily available data and information, the weight of evidence indicates that there is sufficient justification against placing this water segment-pollutant combination on the section 303(d) list in the Water Quality Limited Segments category (i.e., sufficient justification to not list). 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) None of the 15 samples exceeded the aluminum objective, and this does not exceed the allowable frequency listed in Table 3.1 of the Listing Policy. (4) Pursuant to Section 3.11 of the Listing Policy, no additional data and information are available indicating that standards are not met.

RWQCB Board Staff Decision:

After review of the available data and information, North Coast Regional Water Board staff concludes that the water body-pollutant combination should not be placed on the Section 303(d) List because applicable water quality standards are being attained.

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 12319, Aluminum
Trinity River HU, South Fork HA**

Region 1

LOE ID:	25366
Pollutant:	Aluminum
LOE Subgroup:	Pollutant-Water
Matrix:	Water
Fraction:	Total
Beneficial Use:	Municipal & Domestic Supply
Number of Samples:	15
Number of Exceedances:	0
Data and Information Type:	PHYSICAL/CHEMICAL MONITORING
Data Used to Assess Water Quality:	None of the 15 aluminum samples collected from the South Fork Trinity River exceed the objective. The samples were collected as part of the Surface Water Ambient Water Monitoring Program (SWAMP). The data are found in the SWAMP Summary Report for the North Coast Region for Years 2000-2006 (NCRWQCB 2008).
Data Reference:	Surface Water Ambient Monitoring Program (SWAMP). Summary Report for the North Coast Region (RWQCB-1) for years 2000-2006. North Coast Regional Water Quality Control Board. March 2008
Water Quality Objective/Criterion:	Per the Basin Plan (NCRWQCB 2007): The Maximum Contaminant Level for aluminum is 1.0 mg/l (1,000 ug/L).
Objective/Criterion Reference:	Water Quality Control Plan (Basin Plan) - North Coast Region (Region 1)
Evaluation Guideline:	
Guideline Reference:	
Spatial Representation:	Samples were collected from the South Fork Trinity River near Salyer (SWAMP Station ID TRINSF). Samples were collected from well-mixed flows in glides or riffles.
Temporal Representation:	Samples were collected from February 2002 to June 2005. Site visits corresponded to fall, winter, spring and early summer seasonal conditions.
Environmental Conditions:	

QAPP Information: There are no known environmental conditions (e.g., seasonality, land use practices, fire events, storms, etc.) that are related to these data. Quality control was conducted in accordance with the SWAMP Quality Assurance Management Plan (Puckett 2002).

QAPP Information Reference(s): [Quality Assurance Management Plan for the State of California's Surface Water Ambient Monitoring Program. Sacramento, CA. State Water Resources Control Board. SWAMP. December 2002 \(1st version\)](#)

DECISION ID 15731 **Region 1**
Trinity River HU, South Fork HA

Pollutant: Ammonia as Nitrogen
Final Listing Decision: Do Not List on 303(d) list (TMDL required list)
Last Listing Cycle's Final Listing Decision: New Decision
Revision Status: Revised
Impairment from Pollutant or Pollution: Pollutant

Conclusion: This pollutant is being considered for placement on the Section 303(d) List under Section 3.1 of the Listing Policy. Under Section 3.1, a single line of evidence is necessary to assess listing status. One line of evidence is available in the administrative record to assess this pollutant. None of the 15 ammonia as nitrogen samples exceed the objective. Based on the readily available data and information, the weight of evidence indicates that there is sufficient justification against placing this water segment-pollutant combination on the Section 303(d) List in the Water Quality Limited Segments category (i.e., sufficient justification to not list). 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) None of the 15 samples exceed the water quality objective, and this does not exceed the allowable frequency listed in Table 3.1 of the Listing Policy. (4) Pursuant to Section 3.11 of the Listing Policy, no additional data and information are available indicating that standards are not met.

RWQCB Board Staff Decision: After review of the available data and information, North Coast Regional Water Board staff concludes that the water body-pollutant combination should not be placed on the Section 303(d) List because applicable water quality standards are being attained.

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 15731, Ammonia as Nitrogen **Region 1**
Trinity River HU, South Fork HA

LOE ID: 26302

Pollutant: Ammonia as Nitrogen
LOE Subgroup: Pollutant-Water
Matrix: Water
Fraction: Total

Beneficial Use: Cold Freshwater Habitat
Aquatic Life Use: Fish Migration | Fish Spawning | Freshwater Replenishment | Preservation of Rare & Endangered Species | Wildlife Habitat

Number of Samples:	15
Number of Exceedances:	0
Data and Information Type:	PHYSICAL/CHEMICAL MONITORING
Data Used to Assess Water Quality:	None of the 15 ammonia as nitrogen samples collected from the Trinity River exceed the objective. The samples were collected as part of the Surface Water Ambient Water Monitoring Program (SWAMP). The data are found in the SWAMP Summary Report for the North Coast Region for Years 2000-2006 (NCRWQCB 2008).
Data Reference:	Surface Water Ambient Monitoring Program (SWAMP). Summary Report for the North Coast Region (RWQCB-1) for years 2000-2006. North Coast Regional Water Quality Control Board. March 2008
Water Quality Objective/Criterion:	Per the Basin Plan (NCRWQCB 2007): 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:	Water Quality Control Plan (Basin Plan) - North Coast Region (Region 1)
Evaluation Guideline:	Per the National Recommended Water Quality Criteria (USEPA 2006): The 1-hour average concentration (acute criterion or CMC) of total ammonia nitrogen (in mg N/L) for freshwater where salmonid fish are present, which is not to be exceeded more than once every three years on average, is calculated using the following equation: $CMC = 0.275 / (1 + 10^{(7.204 - pH)}) + 39.0 / (1 + 10^{(pH - 7.204)})$.
Guideline Reference:	National Recommended Water Quality Criteria. United States Environmental Protection Agency. Office of Water. Office of Science and Technology. 4304T The Blue Book
Spatial Representation:	Samples were collected from the South Fork Trinity River near Salyer (SWAMP Station ID 106TRINSF). Samples were collected from well-mixed flows in glides or riffles.
Temporal Representation:	Samples were collected from February 2002 to June 2005. Site visits corresponded to fall, winter, spring and early summer seasonal conditions.
Environmental Conditions:	There are no known environmental conditions (e.g., seasonality, land use practices, fire events, storms, etc.) that are related to these data.
QAPP Information:	Quality control was conducted in accordance with the SWAMP Quality Assurance Management Plan (Puckett 2002).
QAPP Information Reference(s):	Quality Assurance Management Plan for the State of California's Surface Water Ambient Monitoring Program. Sacramento, CA. State Water Resources Control Board. SWAMP. December 2002 (1st version)

DECISION ID **10641**
Trinity River HU, South Fork HA

Region 1

Pollutant: **Arsenic | Cadmium | Chromium (total) | Copper | Lead | Mercury | Nickel | Selenium | Silver | Zinc**

Final Listing Decision: **Do Not List on 303(d) list (TMDL required list)**

Last Listing Cycle's Final Listing Decision: New Decision

Revision Status Revised

Impairment from Pollutant or Pollution: Pollutant

Conclusion: This pollutant is being considered for placement on the Section 303(d) List under Section 3.1 of the Listing Policy. Under Section 3.1, a single line of evidence is necessary to assess listing status. One line of evidence is available in the administrative record to assess this pollutant. None of the 148 metals samples exceed the water quality objective. Based on the readily available data and information, the weight of evidence indicates that there is sufficient justification against placing this water segment-pollutant combination on the section 303(d) list in the Water Quality

Limited Segments category (i.e., sufficient justification to not list). 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) None of the 148 samples exceeded the metal objectives, and this does not exceed the allowable frequency of 13 per the binomial distribution described in Section 3.1 of the Listing Policy. (4) Pursuant to Section 3.11 of the Listing Policy, no additional data and information are available indicating that standards are not met.

RWQCB Board Staff Decision:

After review of the available data and information, North Coast Regional Water Board staff concludes that the water body-pollutant combination should not be placed on the Section 303(d) List because applicable water quality standards are being attained.

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 10641, Multiple Pollutants
Trinity River HU, South Fork HA**

Region 1

LOE ID:	21514
Pollutant:	Arsenic Cadmium Chromium (total) Copper Lead Mercury Nickel Selenium Silver Zinc
LOE Subgroup:	Pollutant-Water
Matrix:	Water
Fraction:	Total
Beneficial Use:	Municipal & Domestic Supply
Number of Samples:	148
Number of Exceedances:	0
Data and Information Type:	PHYSICAL/CHEMICAL MONITORING
Data Used to Assess Water Quality:	None of the 148 metals samples collected in the South Fork Trinity River exceed the objectives. There were 14 to 15 samples collected for each of the 10 metal parameters. The samples were collected as part of the Surface Water Ambient Water Monitoring Program (SWAMP). The data are found in the SWAMP Summary Report for the North Coast Region for Years 2000-2006 (NCRWQCB 2008).
Data Reference:	Surface Water Ambient Monitoring Program (SWAMP). Summary Report for the North Coast Region (RWQCB-1) for years 2000-2006. North Coast Regional Water Quality Control Board. March 2008
Water Quality Objective/Criterion:	Per the Basin Plan (NCRWQCB 2007): Arsenic objective is 0.05 mg/L. Cadmium objective is 0.01 mg/L. Chromium objective is 0.05 mg/L. Lead objective is 0.05 mg/L. Mercury objective is 0.002 mg/L. Selenium objective is 0.01 mg/L. Silver objective is 0.05 mg/L. Per 22 CCR 64431: Nickel maximum contaminant level is 0.1 mg/L. Per 22 CCR 64449: Copper secondary maximum contaminant level is 1.0 mg/L. Zinc secondary maximum contaminant level is 5.0 mg/L.
Objective/Criterion Reference:	Water Quality Control Plan (Basin Plan) - North Coast Region (Region 1) Title 22, Division 4, Chapter 15, Sections 64400 et seq. California Code of Regulations
Evaluation Guideline:	
Guideline Reference:	

Spatial Representation: Samples were collected from the South Fork Trinity River near Salyer (SWAMP Station ID 106TRINSF). Samples were collected from well-mixed flows in glides or riffles.

Temporal Representation: Samples were collected from February 2002 to June 2005. Site visits corresponded to fall, winter, spring and early summer seasonal conditions.

Environmental Conditions: There are no known environmental conditions (e.g., seasonality, land use practices, fire events, storms, etc.) that are related to these data.

QAPP Information: Quality control was conducted in accordance with the SWAMP Quality Assurance Management Plan (SWAMP 2002).

QAPP Information Reference(s): [Quality Assurance Management Plan for the State of California's Surface Water Ambient Monitoring Program. Sacramento, CA. State Water Resources Control Board. SWAMP. December 2002 \(1st version\)](#)

DECISION ID 12440

Region 1

Trinity River HU, South Fork HA

Pollutant: Chloride
Final Listing Decision: Do Not List on 303(d) list (TMDL required list)
Last Listing Cycle's Final Listing Decision: New Decision
Revision Status: Revised
Impairment from Pollutant or Pollution: Pollutant

Conclusion: This pollutant is being considered for placement on the Section 303(d) List under Section 3.2 of the Listing Policy. Under Section 3.2, a single line of evidence is necessary to assess listing status. One line of evidence is available in the administrative record to assess this pollutant. None of the 15 chloride samples exceed the evaluation guideline. Based on the readily available data and information, the weight of evidence indicates that there is sufficient justification against placing this water segment-pollutant combination on the section 303(d) list in the Water Quality Limited Segments category (i.e., sufficient justification to not list). 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) None of the 15 samples exceeded the chloride evaluation guideline used to interpret the water quality objective, and this does not exceed the allowable frequency listed in Table 3.2 of the Listing Policy. (4) Pursuant to Section 3.11 of the Listing Policy, no additional data and information are available indicating that standards are not met.

RWQCB Board Staff Decision: After review of the available data and information, North Coast Regional Water Board staff concludes that the water body-pollutant combination should not be placed on the Section 303(d) List because applicable water quality standards are being attained.

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 12440, Chloride
Trinity River HU, South Fork HA

Region 1

LOE ID: 25455

Pollutant: Chloride
LOE Subgroup: Pollutant-Water
Matrix: Water

Fraction:	Not Recorded
Beneficial Use:	Municipal & Domestic Supply
Number of Samples:	15
Number of Exceedances:	0
Data and Information Type:	PHYSICAL/CHEMICAL MONITORING
Data Used to Assess Water Quality:	None of the 15 chloride samples collected in the South Fork Trinity River exceed the evaluation guideline. The samples were collected as part of the Surface Water Ambient Water Monitoring Program (SWAMP). The data are found in the SWAMP Summary Report for the North Coast Region for Years 2000-2006 (NCRWQCB 2008).
Data Reference:	Surface Water Ambient Monitoring Program (SWAMP). Summary Report for the North Coast Region (RWQCB-1) for years 2000-2006. North Coast Regional Water Quality Control Board. March 2008
Water Quality Objective/Criterion:	Per the Basin Plan (NCRWQCB 2007): Waters shall not contain taste- or odor-producing substances in concentrations that impart undesirable tastes or odors to fish flesh or other edible products of aquatic origin, or that cause nuisance or adversely affect beneficial uses.
Objective/Criterion Reference:	Water Quality Control Plan (Basin Plan) - North Coast Region (Region 1)
Evaluation Guideline:	Per 22 CCR 64449: The recommended Secondary Maximum Contaminant Level for chloride is 250 mg/L.
Guideline Reference:	Title 22, Division 4, Chapter 15, Sections 64400 et seq. California Code of Regulations
Spatial Representation:	Samples were collected from the South Fork Trinity River near Salyer (SWAMP Station ID 106TRINSF). Samples were collected from well-mixed flows in glides or riffles.
Temporal Representation:	Samples were collected from February 2002 to June 2005. Site visits corresponded to fall, winter, spring and early summer seasonal conditions.
Environmental Conditions:	There are no known environmental conditions (e.g., seasonality, land use practices, fire events, storms, etc.) that are related to these data.
QAPP Information:	Quality control was conducted in accordance with the SWAMP Quality Assurance Management Plan (SWAMP 2002).
QAPP Information Reference(s):	Quality Assurance Management Plan for the State of California's Surface Water Ambient Monitoring Program. Sacramento, CA. State Water Resources Control Board. SWAMP. December 2002 (1st version)

DECISION ID 12483
Trinity River HU, South Fork HA

Region 1

Pollutant: PCBs (Polychlorinated biphenyls)
Final Listing Decision: Do Not List on 303(d) list (TMDL required list)
Last Listing Cycle's Final Listing Decision: New Decision
Revision Status Revised
Impairment from Pollutant or Pollution: Pollutant

Conclusion: This pollutant is being considered for placement on the Section 303(d) List under Section 3.1 of the Listing Policy. Under Section 3.1, a single line of evidence is necessary to assess listing status. One line of evidence is available in the administrative record to assess this pollutant. None of the 400 polychlorinated biphenyl (PCB) samples exceed the evaluation guideline. Based on the readily available data and information, the weight of evidence indicates that there is sufficient justification against placing this water segment-pollutant combination on the section 303(d) list in the Water Quality Limited Segments category (i.e., sufficient justification to not list).

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) None of the 400 samples exceeded the PCB evaluation guideline used to interpret the water quality objective, and this does not exceed the allowable frequency of 35 per the binomial distribution described in Section 3.1 of the Listing Policy. (4) Pursuant to Section 3.11 of the Listing Policy, no additional data and information are available indicating that standards are not met.

RWQCB Board Staff Decision:

After review of the available data and information, North Coast Regional Water Board staff concludes that the water body-pollutant combination should not be placed on the Section 303(d) List because applicable water quality standards are being attained.

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 12483, PCBs (Polychlorinated biphenyls)
Trinity River HU, South Fork HA**

Region 1

LOE ID:	25462
Pollutant:	PCBs (Polychlorinated biphenyls)
LOE Subgroup:	Pollutant-Water
Matrix:	Water
Fraction:	Total
Beneficial Use:	Municipal & Domestic Supply
Number of Samples:	400
Number of Exceedances:	0
Data and Information Type:	PHYSICAL/CHEMICAL MONITORING
Data Used to Assess Water Quality:	None of the 400 polychlorinated biphenyl (PCB) analytes collected in the South Fork Trinity River exceed the evaluation guideline. Each of the 8 samples were analyzed for 50 PCB congeners. The samples were collected as part of the Surface Water Ambient Water Monitoring Program (SWAMP). The data are found in the 5-Year Monitoring Report (NCRWQCB 2008).
Data Reference:	Surface Water Ambient Monitoring Program (SWAMP). Summary Report for the North Coast Region (RWQCB-1) for years 2000-2006. North Coast Regional Water Quality Control Board. March 2008
Water Quality Objective/Criterion:	Per the Basin Plan (NCRWQCB 2007, p. 3-4.00): 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:	Water Quality Control Plan (Basin Plan) - North Coast Region (Region 1)
Evaluation Guideline:	Per the "Public Health Goal for Water Soluble Polychlorinated Biphenyls Expected to Found in Drinking Water" (OEHHA 2007): The health-protective concentration of water-soluble PCBs in drinking water associated with a one in one million extra lifetime cancer risk is 0.09 ug/L.
Guideline Reference:	Public Health Goal for Water Soluble Polychlorinated Biphenyls Expected to Be Found in Drinking Water. Pesticide and Environmental Toxicology Branch, Office of Environmental Health Hazard Assessment, California Environmental Protection Agency

Spatial Representation: Samples were collected from the South Fork Trinity River near Salyer (SWAMP Station ID 106TRINSF). Samples were collected from well-mixed flows in glides or riffles.

Temporal Representation: Samples were collected from February 2002 to June 2005. Site visits corresponded to fall, winter, spring and early summer seasonal conditions.

Environmental Conditions: There are no known environmental conditions (e.g., seasonality, land use practices, fire events, storms, etc.) that are related to these data.

QAPP Information: Quality control was conducted in accordance with the SWAMP Quality Assurance Management Plan (SWAMP 2002).

QAPP Information Reference(s): [Quality Assurance Management Plan for the State of California's Surface Water Ambient Monitoring Program. Sacramento, CA. State Water Resources Control Board. SWAMP. December 2002 \(1st version\)](#)

DECISION ID 12849 **Region 1**

Trinity River HU, South Fork HA

Pollutant: Pesticides
Final Listing Decision: Do Not List on 303(d) list (TMDL required list)
Last Listing Cycle's Final Listing Decision: New Decision
Revision Status: Revised
Impairment from Pollutant or Pollution: Pollutant

Conclusion: This pollutant is being considered for placement on the Section 303(d) List under Section 3.1 of the Listing Policy. Under Section 3.1, a single line of evidence is necessary to assess listing status. Two lines of evidence are available in the administrative record to assess this pollutant. One of the 743 pesticide samples exceed the water quality objective. Based on the readily available data and information, the weight of evidence indicates that there is sufficient justification against placing this water segment-pollutant combination on the Section 303(d) List in the Water Quality Limited Segments category (i.e., sufficient justification to not list). 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) One of the 743 samples exceed the pesticide water quality objective, and this does not exceed the allowable frequency of 65 per the binomial distribution described in Section 3.1 of the Listing Policy. (4) Pursuant to Section 3.11 of the Listing Policy, no additional data and information are available indicating that standards are not met.

RWQCB Board Staff Decision: After review of the available data and information, North Coast Regional Water Board staff concludes that the water body-pollutant combination should not be placed on the Section 303(d) List because applicable water quality standards are being attained.

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 12849, Pesticides **Region 1**

Trinity River HU, South Fork HA

LOE ID: 25600
Pollutant: DDE (Dichlorodiphenyldichloroethylene)
LOE Subgroup: Pollutant-Water
Matrix: Water

Fraction:	None
Beneficial Use:	Municipal & Domestic Supply
Number of Samples:	1
Number of Exceedances:	1
Data and Information Type:	PHYSICAL/CHEMICAL MONITORING
Data Used to Assess Water Quality:	One DDE sample collected in the South Fork HA had a detectable level of DDE and the sample exceeds the evaluation guideline. The sample concentration was reported as .004 ug/l (method detection limit of 0.001 ug/l, reporting limit of .002 ug/l). There were also an additional 7 samples from the South Fork HA, which were non-detect. However, these non-detect data could not be utilized in this assessment because the detection limit for DDE is above the evaluation guideline. Per the listing policy, when a sample value is less than the quantitation limit, and the quantitation limit is greater than the evaluation guideline, the result shall not be used in the analysis. The samples were collected as part of the Surface Water Ambient Water Monitoring Program (SWAMP) (NCRWQCB 2008).
Data Reference:	Surface Water Ambient Monitoring Program (SWAMP). DDT, DDE, and DDD data from SWAMP Sampling for Years 2001-2006. North Coast Regional Water Quality Control Board.
Water Quality Objective/Criterion:	Per the Basin Plan (NCRWQCB 2007): No individual pesticide or combination of pesticides shall be present in concentrations that adversely affect beneficial uses. There shall be no bioaccumulation of pesticide concentrations found in bottom sediments or aquatic life. Waters designated for use as domestic or municipal supply shall not contain concentrations of pesticides in excess of the limiting concentrations set forth in California Code of Regulations, Title 22, Division 4, Chapter 15, Article 4, Section 64444, and listed in Table 3.2 of the Basin Plan.
Objective/Criterion Reference:	Water Quality Control Plan (Basin Plan) - North Coast Region (Region 1)
Evaluation Guideline:	Per the National Recommended Water Quality Criteria (USEPA 2006): The recommended criterion for DDE for the protection of source waters for human health consumption of water and organisms is 0.00022 ug/l.
Guideline Reference:	National Recommended Water Quality Criteria. United States Environmental Protection Agency. Office of Water. Office of Science and Technology. 4304T The Blue Book
Spatial Representation:	Samples were collected from the South Fork Trinity River near Salyer (SWAMP Station ID 106TRINSF). Samples were collected from well-mixed flows in glides or runs.
Temporal Representation:	Samples were collected from October 2002 to June 2005. Site visits corresponded to fall, winter, spring and early summer seasonal conditions.
Environmental Conditions:	There are no known environmental conditions (e.g., seasonality, land use practices, fire events, storms, etc.) that are related to these data.
QAPP Information:	Quality control was conducted in accordance with the SWAMP Quality Assurance Management Plan (SWAMP 2002).
QAPP Information Reference(s):	Quality Assurance Management Plan for the State of California's Surface Water Ambient Monitoring Program. Sacramento, CA. State Water Resources Control Board. SWAMP. December 2002 (1st version)

DECISION ID **10021**
Trinity River HU, South Fork HA

Region 1

Pollutant: **Specific Conductivity**
Final Listing Decision: **Do Not List on 303(d) list (TMDL required list)**
Last Listing Cycle's Final **New Decision**
Listing Decision:

Revision Status Revised
Impairment from Pollutant or Pollution: Pollutant

Conclusion: This pollutant is being considered for placement on the Section 303(d) list under Section 3.2 of the Listing Policy. Under Section 3.2 a single line of evidence is necessary to assess listing status. One line of evidence is available in the administrative record to assess this pollutant. None of the 15 specific conductivity samples exceed the water quality objective. Based on the readily available data and information, the weight of evidence indicates that there is sufficient justification against placing this water segment-pollutant combination on the section 303(d) list in the Water Quality Limited Segments category (i.e., sufficient justification to not list). 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) None of the 15 samples exceed the specific conductivity objective, and this does not exceed the allowable frequency listed in Table 3.2 of the Listing Policy. (4) Pursuant to Section 3.11 of the Listing Policy, no additional data and information are available indicating that standards are not met.

RWQCB Board Staff Decision: After review of the available data and information, North Coast Regional Water Board staff concludes that the water body-pollutant combination should not be placed on the Section 303(d) List because applicable water quality standards are being attained.

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 10021, Specific Conductivity
 Trinity River HU, South Fork HA**

Region 1

LOE ID: 21228

Pollutant: Specific Conductivity
 LOE Subgroup: Pollutant-Water
 Matrix: Water
 Fraction: None

Beneficial Use: Municipal & Domestic Supply

Number of Samples: 15
 Number of Exceedances: 0

Data and Information Type: PHYSICAL/CHEMICAL MONITORING
 Data Used to Assess Water Quality: None of the 15 specific conductivity samples collected from the South Fork Trinity River exceed the objective. The samples were collected as part of the Surface Water Ambient Water Monitoring Program (SWAMP). The data are found in the SWAMP Summary Report for the North Coast Region for Years 2000-2006 (NCRWQCB 2008).

Data Reference: [Surface Water Ambient Monitoring Program \(SWAMP\). Summary Report for the North Coast Region \(RWQCB-1\) for years 2000-2006. North Coast Regional Water Quality Control Board. March 2008](#)

Water Quality Objective/Criterion: Per the Basin Plan (NCRWQCB 2007): The 90% upper limit specific conductance objective at 77 F is 275 micromhos (or mS/cm²). The 50% upper limit specific conductance objective at 77 F is 200 micromhos (or mS/cm²). The 90% and 50% upper limits represent the 90/50 percentile values for a

Objective/Criterion Reference:	calendar year. 90% or 50% or more of the values must be less than or equal to the upper limit. Water Quality Control Plan (Basin Plan) - North Coast Region (Region 1)
Evaluation Guideline:	
Guideline Reference:	
Spatial Representation:	Samples were collected from the South Fork Trinity River near Salyer (SWAMP Station ID TRINSF). Samples were collected from well-mixed flows in glides or riffles.
Temporal Representation:	Samples were collected from February 2002 to June 2005. Site visits corresponded to fall, winter, spring and early summer seasonal conditions.
Environmental Conditions:	There are no known environmental conditions (e.g., seasonality, land use practices, fire events, storms, etc.) that are related to these data.
QAPP Information:	Quality control was conducted in accordance with the SWAMP Quality Assurance Management Plan (Puckett 2002).
QAPP Information Reference(s):	Quality Assurance Management Plan for the State of California's Surface Water Ambient Monitoring Program. Sacramento, CA. State Water Resources Control Board. SWAMP. December 2002 (1st version)

DECISION ID 12510 **Region 1**
Trinity River HU, South Fork HA

Pollutant: Sulfates
Final Listing Decision: **Do Not List on 303(d) list (TMDL required list)**
Last Listing Cycle's Final Listing Decision: New Decision
Revision Status: Revised
Impairment from Pollutant or Pollution: Pollutant

Conclusion: This pollutant is being considered for placement on the Section 303(d) List under Section 3.2 of the Listing Policy. Under Section 3.2, a single line of evidence is necessary to assess listing status. One line of evidence is available in the administrative record to assess this pollutant. None of the 15 sulfate samples exceed the evaluation guideline. Based on the readily available data and information, the weight of evidence indicates that there is sufficient justification against placing this water segment-pollutant combination on the Section 303(d) List in the Water Quality Limited Segments category (i.e., sufficient justification to not list). 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) None of the 15 samples exceed the sulfate evaluation guideline used to interpret the water quality objective, and this does not exceed the allowable frequency listed in Table 3.2 of the Listing Policy. (4) Pursuant to Section 3.11 of the Listing Policy, no additional data and information are available indicating that standards are not met.

RWQCB Board Staff Decision: After review of the available data and information, North Coast Regional Water Board staff concludes that the water body-pollutant combination should not be placed on the Section 303(d) List because applicable water quality standards are being attained.

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 12510, Sulfates

Region 1

Trinity River HU, South Fork HA

LOE ID:	25527
Pollutant:	Sulfates
LOE Subgroup:	Pollutant-Water
Matrix:	Water
Fraction:	Not Recorded
Beneficial Use:	Municipal & Domestic Supply
Number of Samples:	15
Number of Exceedances:	0
Data and Information Type:	PHYSICAL/CHEMICAL MONITORING
Data Used to Assess Water Quality:	None of the 15 sulfate samples collected in the South Fork Trinity River exceed the evaluation guideline. The samples were collected as part of the Surface Water Ambient Water Monitoring Program (SWAMP). The data are found in the 5-Year Monitoring Report (NCRWQCB 2008).
Data Reference:	Surface Water Ambient Monitoring Program (SWAMP). Summary Report for the North Coast Region (RWQCB-1) for years 2000-2006. North Coast Regional Water Quality Control Board. March 2008
Water Quality Objective/Criterion:	Per the Basin Plan (NCRWQCB 2007, p. 3-3.00): Waters shall not contain taste- or odor-producing substances in concentrations that impart undesirable tastes or odors to fish flesh or other edible products of aquatic origin, or that cause nuisance or adversely affect beneficial uses.
Objective/Criterion Reference:	Water Quality Control Plan (Basin Plan) - North Coast Region (Region 1)
Evaluation Guideline:	Per 22 CCR 64449 (Table 64449-B): The recommended secondary maximum contaminant level for sulfate is 250 mg/L.
Guideline Reference:	Title 22, Division 4, Chapter 15, Sections 64400 et seq. California Code of Regulations
Spatial Representation:	Samples were collected from the South Fork Trinity River near Salyer (SWAMP Station ID 106TRINSF). Samples were collected from well-mixed flows in glides or riffles.
Temporal Representation:	Samples were collected from February 2002 to June 2005. Site visits corresponded to fall, winter, spring and early summer seasonal conditions.
Environmental Conditions:	There are no known environmental conditions (e.g., seasonality, land use practices, fire events, storms, etc.) that are related to these data.
QAPP Information:	Quality control was conducted in accordance with the SWAMP Quality Assurance Management Plan (SWAMP 2002).
QAPP Information Reference(s):	Quality Assurance Management Plan for the State of California's Surface Water Ambient Monitoring Program. Sacramento, CA. State Water Resources Control Board. SWAMP. December 2002 (1st version)

DECISION ID **5491**
Trinity River HU, South Fork HA

Region 1

Pollutant:	Temperature, water
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:	Habitat Modification Range Grazing-Riparian Removal of Riparian Vegetation Streambank Modification/Destabilization Water Diversions
Expected TMDL Completion Date:	2019

Impairment from Pollutant or Pollution:

Conclusion:	303(d) listing decisions made prior to 2006 were not held in an assessment database. The Regional Boards will update this decision when new data and information become available and are assessed.
RWQCB Board Staff Decision:	No new data were assessed 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 5491, Temperature, water
Trinity River HU, South Fork HA**

Region 1

LOE ID:	4782
Pollutant:	Temperature, water
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:	This LOE is a placeholder to support a 303(d) listing decision made prior to 2006.
Data Reference:	Placeholder reference pre-2006 303(d)
Water Quality Objective/Criterion:	
Objective/Criterion Reference:	
Evaluation Guideline:	
Guideline Reference:	
Spatial Representation:	
Temporal Representation:	
Environmental Conditions:	
QAPP Information:	Unspecified
QAPP Information Reference(s):	

DECISION ID 6925**Region 1****Trinity River HU, South Fork HA**

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:	Nonpoint Source Range Grazing-Riparian Silviculture
TMDL Name:	Trinity River Sediment

TMDL Project Code: 505
Date TMDL Approved by USEPA: 12/20/2001
USEPA:
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 6925, Sedimentation/Siltation

Region 1

Trinity River HU, South Fork HA

LOE ID:	1670
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):	