

State of California
Regional Water Quality Control Board
North Coast Region

**AVAILABILITY OF THE PUBLIC REVIEW DRAFT 2012
INTEGRATED REPORT**

The "Public Review Draft Staff Report for the 2012 Integrated Report for the Clean Water Act Section 305(b) Surface Water Quality Assessment and the 303(d) List of Impaired Waters" is available for review at:

www.waterboards.ca.gov/northcoast/water_issues/programs/tmdls/303d/

Please contact Katharine Carter at 707-576-2290 or Katharine.Carter@waterboards.ca.gov if you have any problems accessing the documents via the website.

SOLICITATION OF COMMENTS ON THE PUBLIC REVIEW DRAFT

The public comment period for the Public Review Draft 2012 Integrated Report will close at 5:00 p.m. on Friday, April 18, 2014.

Please submit written comments via U.S. Post, e-mail, fax, or delivery to:

Katharine Carter, North Coast Regional Water Quality Control Board
5550 Skylane Blvd, Suite A
Santa Rosa, CA 95403
Phone: 707-576-2290
Fax: 707-523-0135
e-mail: Katharine.Carter@waterboards.ca.gov

Public Review Draft Released March 14, 2014



Regional Water Board Staff Recommendations

The results of staff's assessment of the available data and information are presented in the form of fact sheets that consists of a decision and supporting lines of evidence for each water body/pollutant pair assessed. Fact sheets are available online at:

http://www.waterboards.ca.gov/northcoast/water_issues/programs/tmdls/303d/

SUMMARY OF STAFF RECOMMENDATIONS

The following tables summarize Regional Water Board staff's recommended changes to the 303(d) List, summarize the waters in each 305(b) category, and present the new 2012 303(d) List.

Table 1: Presents the new delistings of water body/pollutant pairs for the 2012 303(d) List, as recommended by Regional Water Board staff.

Table 2: Presents the new listings of water body/pollutant pairs for the 2012 303(d) List, as recommended by Regional Water Board staff.

Table 3: Presents changes to the scope (refinements and additions) of existing listings of water body/pollutant pairs for the 2012 303(d) List, as recommended by Regional Water Board staff.

Table 4: Presents list and do not delist recommendations to USEPA for the portion of water bodies where new data were assessed on Tribal land.

Table 5: Presents all of the impaired water bodies (Categories 4a, 4b, 4c, and 5), including impaired water bodies already listed from the 2010 List and those recommended for listing as part of the **2012 303(d) List, as recommended by Regional Water Board staff.**

Table 1.
New Delistings for the 2012 303(d) List

Water Body Hydrologic Unit	Water Body Name	Pollutant
Klamath River HU	Butte Valley HA	Nutrients
		Temperature, water
Mendocino Coast HU	Hare Creek Beach	Indicator Bacteria
	Pudding Creek Beach	Indicator Bacteria
Russian River HU	Middle Russian River HA, Big Sulphur Creek HSA	Specific Conductivity
	Middle Russian River HA, Laguna HSA, mainstem Laguna de Santa Rosa	Indicator Bacteria
		Nitrogen
	Middle Russian River HA, Laguna HSA, tributaries to the Laguna de Santa Rosa (except Santa Rosa Creek and its tributaries)	Indicator Bacteria
		Phosphorus
		Nitrogen
	Middle Russian River HA, Santa Rosa HSA, tributaries to Santa Rosa Creek	Indicator Bacteria
Trinidad HU	Luffenholtz Beach	Indicator Bacteria
	Moonstone County Park	Indicator Bacteria
	Trinidad State Beach	Indicator Bacteria

Table 2.
New Listings for the 2012 303(d) List

Water Body Hydrologic Unit	Water Body Name	Listing Extent	Pollutant
Eureka Plain HU	Elk River Watershed, Lower Elk River and Martin Slough	Lower mainstem Elk River and Martin Slough	Indicator Bacteria ¹
	Gannon Slough	Campbell Creek	Indicator Bacteria ¹
	Jolly Giant Creek	Jolly Giant Creek	Indicator Bacteria ¹
Klamath River HU	Copco Lake	Copco 1	Mercury
	Iron Gate Reservoir	Entire water body	Mercury
		Klamath Straits Drain	Mercury
		Entire water body	Oxygen, Dissolved ²
	Lost River HA, Tule Lake and Mt Dome HSAs	Entire water body	pH ²
	Middle HA, Iron Gate Dam to Scott River	Mainstem Klamath River from Iron Gate Dam to the Scott River	Aluminum
Scott River HA		Mainstem Scott River	Aluminum
			Biostimulatory Conditions
			Oxygen, Dissolved
Mad River HU	Mad River	Mainstem Mad River	Aluminum
	Norton Creek	Widow White Creek	Indicator Bacteria ¹
	Ruth Lake	Entire water body	Mercury
Mendocino Coast HU	Big River HA, Berry Gulch	Little North Fork	Temperature, water
		(1) Rocky Gulch, (2) the Little North Fork, and (3) Manley Gulch	Oxygen, Dissolved
	Big River HA, Big River	(1) Cookhouse Gulch, (2) Railroad Gulch, and (3) the mainstem Big River	Oxygen, Dissolved

Table 2 (cont). New Listings for the 2012 303(d) List			
Water Body Hydrologic Unit	Water Body Name	Listing Extent	Pollutant
Mendocino Coast HU	Noyo River HA, Pudding Creek	Pudding Creek Lagoon	Indicator Bacteria ¹
Russian River HU	Lower Russian River HA, Guerneville HSA	Russian River at Healdsburg Memorial Beach from the Railroad bridge to Hwy 101	Specific Conductivity
		(1) Russian River at Healdsburg Memorial Beach from the Railroad bridge to Hwy 101 and (2) Russian River from Fife Creek to Dutch Bill Creek	Aluminum
	Middle Russian River HA, Geyserville HSA	Foss Creek	Diazinon
	Middle Russian River HA, Mark West HSA, mainstem Mark West Creek downstream of the confluence with the Laguna de Santa Rosa	Mainstem Mark West Creek downstream of the confluence with the Laguna de Santa Rosa	Aluminum
			Oxygen, Dissolved
			Phosphorus
	Upper Russian River HA, Ukiah HSA	Mainstem Russian River	Manganese
Trinidad HU	Little River HA	(1) Little River and (2) Bullwinkle Creek	Aluminum
			Indicator Bacteria ¹

¹ Listing based solely upon fecal coliform data.

² Listing results from the establishment of a nutrient TMDL to address dissolved oxygen and pH impairments.

Table 3. Changes in Scope of Previous Listings (additions and refinements to the scope of existing listings)				
Water Body Hydrologic Unit	Water Body Name	Original Listing Extent	Revised Listing Extent	Pollutant
Eel River HU	Lower Eel River HA (includes the Eel River Delta)	Entire water body	McNulty Slough	Oxygen, Dissolved
		Entire water body	All waters except McNulty Slough	Temperature
	Middle Main HA	Entire water body	Tributaries to the Middle Main Eel River	Temperature
	South Fork HA	Entire water body	All waters except (1) Dutch Charlie Creek and (2) Redwood Creek	Temperature
Klamath River HU	Lower HA, Klamath Glen HSA	Entire water body	Mainstem Klamath River	Oxygen, Dissolved
	Middle HA and Lower HA, Scott River to Trinity River	Entire water body	Mainstem Klamath River	Organic Enrichment/ Low Dissolved Oxygen

Table 3 (cont). Changes in Scope of Previous Listings (additions and refinements to the scope of existing listings)				
Water Body Hydrologic Unit	Water Body Name	Original Listing Extent	Revised Listing Extent	Pollutant
Klamath River HU	Middle HA and Lower HA, Scott River to Trinity River	(1) China Creek, (2) Grider Creek, (3) Thompson Creek, (4) Walker Creek, (5) Fort Goff Creek, and (6) Portuguese Creek	(1) China Creek, (2) Grider Creek, (3) Thompson Creek, (4) and Walker Creek	Sediment
		Entire water body	All waters except: (1) Portuguese Creek and its Tributaries, (2) Cedar Creek and its Tributaries, (3) Twin Valley Creek and its Tributaries, (4) North Fork Dillon Creek and its Tributaries from the headwaters to Vann Creek, (5) Canyon Creek and its Tributaries from the headwaters to confluence with Seiad Creek, (6) Elk Creek and its Tributaries from the headwaters to Bear Creek, (7) Tenmile Creek and its Tributaries, (8) Clear Creek and its Tributaries from the headwaters to the confluence with Tenmile Creek, and (9) Fort Goff Creek and its Tributaries.	Temperature
	Middle HA, Iron Gate Dam to Scott River	Entire water body	Mainstem Klamath River	Organic Enrichment/ Low Dissolved Oxygen
	Middle HA, Oregon to Iron Gate	Entire water body	Mainstem Klamath River	Organic Enrichment/ Low Dissolved Oxygen
	Salmon River HA	Entire water body	All waters except: (1) Uncles Creek and its Tributaries, (2) Plummer Creek and its tributaries, (3) the North Fork Salmon River and its Tributaries from the confluence with the Right Hand Fork of the North Fork Salmon River to the downstream boundary of the Marble Mountain Wilderness, (4) Right Hand Fork of the North Fork Salmon River and its tributaries, (5) the North Fork Salmon River and its Tributaries from the headwaters to the confluence with the Right Hand Fork of the North Fork Salmon River, and (6) the South Fork Salmon River from the headwaters to the confluence with Garden Gulch.	Temperature

Table 3 (cont). Changes in Scope of Previous Listings (additions and refinements to the scope of existing listings)				
Water Body Hydrologic Unit	Water Body Name	Original Listing Extent	Revised Listing Extent	Pollutant
Klamath River HU	Salmon River HA, Wooley Creek HSA	Entire water Body	All waters except: (1) Wooley Creek and its tributaries from the head waters to the confluence with the North Fork Wooley Creek, (2) Wooley Creek and its Tributaries from the confluence of the North Fork Wooley Creek to Haypress Creek, and (3) North Fork Wooley Creek and its Tributaries.	Temperature
	Scott River HA	Entire water body	All waters except: (1) Mill Creek and its Tributaries from the headwaters to the confluence with Etna Creek and (2) Canyon Creek and its Tributaries from the headwaters to the downstream boundary of the Marble Mountain Wilderness.	Sedimentation / Siltation
				Temperature
Mendocino Coast HU	Noyo River HA, Pudding Creek	Entire water body	Mainstem Pudding Creek	Temperature
	Rockport HA, Ten Mile River HSA	Entire water body	All waters except: (1) Mill Creek, (2) Gulch 11, (3) Churchman Creek, (4) Little Bear Haven Creek, (5) Buckhorn Creek, (6) Booth Gulch, (7) Smith Creek, (8) Bear Haven Creek, and (9) the Little North Fork Ten Mile River	Temperature
Redwood Creek HU	Redwood Creek	Entire water body	All waters except Larry Dam Creek	Temperature
Russian River HU	Lower Russian River HA, Guerneville HSA	Mainstem Russian from Fife Creek to Dutch Bill Creek	(1) Mainstem Russian River from (a) Railroad bridge to Hwy 101 and (b) Fife Creek to Dutch Bill Creek and (2) Mainstem Dutch Bill Creek	Indicator Bacteria
	Lower Russian River HA, Guerneville HSA, Green Valley Creek watershed	Entire water body	Mainstem Atascadero Creek	Indicator Bacteria
	Middle Russian River HA, Geyserville HSA	(1) Mainstem Russian River from Railroad bridge to Hwy 101 and (2) Stream 1 on Fitch Mtn.	Stream 1 on Fitch Mountain	Indicator Bacteria

Table 3 (cont). Changes in Scope of Previous Listings (additions and refinements to the scope of existing listings)				
Water Body Hydrologic Unit	Water Body Name	Original Listing Extent	Revised Listing Extent	Pollutant
Russian River HU	Middle Russian River HA, Laguna HSA, tributaries to the Laguna de Santa Rosa (except Santa Rosa Creek and its tributaries)	Laguna HSA (all tributaries)	Mainstem Colgan Creek	Oxygen, Dissolved
Trinity River HU	Lower Trinity HA	Entire water body	All waters except: (1) the New River and its tributaries, (2) Big French Creek and its tributaries, (3) the North Fork Trinity River and its tributaries, including the East Fork North Fork Trinity River and its tributaries, and (4) Manzanita Creek and its tributaries.	Sedimentation/ Siltation
	Upper Trinity HA	Entire water body	All waters except the Stuart Fork and its tributaries	Sedimentation/ Siltation

Table 4. Recommendations To USEPA Based Upon Regional Water Board Analysis				
Water Body Hydrologic Unit	Water Body Name	Water Body Extent	Pollutant	Recommendation to USEPA
Klamath River HU	Scott River HA	(1) Shackleford Creek and (2) Snicktaw Creek (portions that lie within the Quartz Valley Indian Reservation)	Indicator Bacteria	List
		Snicktaw Creek (portion that lies within the Quartz Valley Indian Reservation)	Oxygen, Dissolved	List
		The portions of the water body that lie within the Quartz Valley Indian Reservation	Temperature	Do Not Delist
	Lower HA, Klamath Glen HSA	The portions of the water body that lie within the Yurok Tribe Indian Reservation	Nutrients	Do Not Delist
		The portions of the water body that lie within the Yurok Tribe Indian Reservation	Temperature	Do Not Delist
		Mainstem Klamath River	Organic Enrichment/Low Dissolved Oxygen	Do Not Delist

Table 5: The proposed 2012 303(d) List for the North Coast Region

This table presents all of the impaired water bodies (Categories 4a, 4b, 4c, and 5), including impaired water bodies already listed from the 2010 List and those recommended for listing as part of the 2012 303(d) List, as recommended by Regional Water Board staff.

Table 5. Impaired Water Bodies (Categories 4a, 4b ¹ , 4c ¹ and 5) – The 2012 303(d) List				
Water Body Hydrologic Unit	Water Body Name	Listing Extent	Pollutant	Category
Bodega HU	Bodega Harbor HA	Entire water body	Invasive Species	5
	Campbell Cove	Entire water body	Indicator Bacteria	5
	Estero Americano HA, Estuary	Entire water body	Nutrients	5
			Sedimentation /Siltation	5
	Estero Americano HA, Americano Creek	Entire water body	Nutrients	5
	Estero de San Antonio HA, Stemple Creek & Estero de San Antonio	Entire water body	Nutrients	5
Sediment			5	
Cape Mendocino HU	Mattole River HA, Mattole River	Entire water body	Sedimentation /Siltation	4a
			Temperature	4a
Eel River HU	Lower Eel River HA (includes the Eel River Delta)	Mainstem Eel River	Aluminum	5
		McNulty Slough	Oxygen, Dissolved	5
		Entire water body except McNulty Slough	Temperature	4a
		Entire water body	Sedimentation /Siltation	4a
	Middle Fork Eel River HA, Eden Valley HSA & Round Valley HSA	Mainstem Middle Fork Eel River	Aluminum	5
		Entire water body	Sedimentation / Siltation	4a
			Temperature	4a
	Middle Fork Eel River HA, Wilderness HSA & Black Butte River HSA	Entire water body	Temperature	4a

Table 5 (cont).
Impaired Water Bodies (Categories 4a, 4b¹, 4c¹ and 5) – The 2012 303(d) List

Water Body Hydrologic Unit	Water Body Name	Listing Extent	Pollutant	Category
Eel River HU	Middle Main Eel River HA	Mainstem Eel River	Aluminum	5
		Tributaries to the Middle Main Eel River	Temperature	4a
		Entire water body	Sedimentation/ Siltation	4a
	North Fork Eel River HA, Lower North Fork Eel River Watershed	Entire water body	Sedimentation/ Siltation	4a
			Temperature	4a
	North Fork Eel River HA, Upper North Fork Eel River Watershed	Entire water body	Temperature	4a
	South Fork Eel River HA	Mainstem South Fork Eel River	Aluminum	5
		Entire water body	Sedimentation/ Siltation	4a
		Entire water body except Dutch Charlie Creek and Redwood Creek	Temperature	4a
	Upper Main Eel River HA (included Tomki Creek)	Entire water body	Sedimentation/ Siltation	4a
			Temperature	4a
	Upper Main Eel River HA, Lake Pillsbury HSA, Lake Pillsbury	Entire water body	Mercury	5
Eureka Plain HU	Elk River Watershed, Lower Elk River and Martin Slough	Lower mainstem Elk River and Martin Slough	Indicator Bacteria ²	5
		Entire water body	Sedimentation/ Siltation	5
	Elk River Watershed, Upper Elk River	Entire water body	Sedimentation/ Siltation	5
	Elk River Watershed, Upper Little South Fork Elk River	Entire water body	Sedimentation/ Siltation	5
	Freshwater Creek	Entire water body	Sedimentation/ Siltation	5
	Gannon Slough	Campbell Creek	Indicator Bacteria ²	5
	Humboldt Bay	Entire water body	Dioxin Toxic Equivalents	5
			PCBs	5
	Jacoby Creek Watershed	Entire water body	Sediment	5
	Jolly Giant Creek	Jolly Giant Creek	Indicator Bacteria ²	5
Klamath River HU	Copco Lake	Copco 1	Mercury	5
		Copco 1 and 2	Microcystin	4a
	Iron Gate Reservoir	Entire water body	Mercury	5
			Microcystin	4a

Table 5 (cont). Impaired Water Bodies (Categories 4a, 4b¹, 4c¹ and 5) - The 2012 303(d) List				
Water Body Hydrologic Unit	Water Body Name	Listing Extent	Pollutant	Category
Klamath River HU	Lost River HA, Tule Lake and Mt Dome HSAs	Klamath Straits Drain	Mercury	5
		Entire water body	Oxygen, Dissolved	4a
			pH	4a
			Nutrients	4a
	Tule Lake and Lower Klamath Lake National Wildlife Refuge	Entire water body	pH (high)	4a
	Lower HA, Klamath Glen HSA	Mainstem Klamath River	Organic Enrichment/Low Diss. Oxygen	4a
		Entire water body	Nutrients	4a
			Sedimentation/Siltation	5
			Temperature	4a
	Middle HA and Lower HA, Scott River to Trinity River	China Creek, Grider Creek, Thompson Creek, Walker Creek	Sediment	5
		Mainstem Klamath River	Microcystin	4a
			Organic Enrichment/Low Dissolved Oxygen	4a
			Nutrients	4a
		Entire water body except: (1) Portuguese Creek and its Tributaries, (2) Cedar Creek and its Tributaries, (3) Twin Valley Creek and its Tributaries, (4) North Fork Dillon Creek and its Tributaries from the headwaters to Vann Creek, (5) Canyon Creek and its Tributaries from the headwaters to confluence with Seiad Creek, (6) Elk Creek and its Tributaries from the headwaters to Bear Creek, (7) Tenmile Creek and its Tributaries, (8) Clear Creek and its Tributaries from the headwaters to the confluence with Tenmile Creek, and (9) Fort Goff Creek and its Tributaries.	Temperature	4a

Table 5 (cont). Impaired Water Bodies (Categories 4a, 4b ¹ , 4c ¹ and 5) – The 2012 303(d) List				
Water Body Hydrologic Unit	Water Body Name	Listing Extent	Pollutant	Category
Klamath River HU	Middle HA, Iron Gate Dam to Scott River	Mainstem Klamath River	Organic Enrichment/Low Dissolved Oxygen	4a
			Microcystin	4a
			Aluminum	5
		Entire water body	Nutrients	4a
			Temperature	4a
		Beaver Creek, Cow Creek, Deer Creek, Hungry Creek, West Fork Beaver Creek	Sediment	5
	Middle HA, Oregon to Iron Gate	Mainstem Klamath River	Organic Enrichment/Low Dissolved Oxygen	4a
			Microcystin	4a
		Entire water body	Nutrients	4a
			Temperature	4a
	Salmon River HA (except the Wooley Creek HSA)	Entire water body except: (1) Uncles Creek and its Tributaries, (2) Plummer Creek and its tributaries, (3) the North Fork Salmon River and its Tributaries from the confluence with the Right Hand Fork of the North Fork Salmon River to the downstream boundary of the Marble Mountain Wilderness, (4) Right Hand Fork of the North Fork Salmon River and its tributaries, (5) the North Fork Salmon River and its Tributaries from the headwaters to the confluence with the Right Hand Fork of the North Fork Salmon River, and (6) the South Fork Salmon River from the headwaters to the confluence with Garden Gulch.	Temperature	4a
	Salmon River HA, Wooley Creek HSA	Entire water body except: (1) Wooley Creek and its tributaries from the head waters to the confluence with the North Fork Wooley Ck, (2) Wooley Creek and its Tributaries from the confluence of the North Fork Wooley Creek to Haypress Creek, and (3) North Fork Wooley Creek and its Tributaries.	Temperature	4a

Table 5 (cont).
Impaired Water Bodies (Categories 4a, 4b¹, 4c¹ and 5) - The 2012 303(d) List

Water Body Hydrologic Unit	Water Body Name	Listing Extent	Pollutant	Category
Klamath River HU	Scott River HA	Entire water body except: (1) Mill Creek and its Tributaries from the headwaters to the confluence with Etna Creek and (2) Canyon Creek and its Tributaries from the headwaters to the downstream boundary of the Marble Mountain Wilderness.	Sedimentation / Siltation	4a
			Temperature	4a
		Mainstem Scott River	Aluminum	5
			Biostimulatory Conditions	5
			Oxygen, Dissolved	5
		Mainstem Scott River and Shackleford Creek above Campbell Lake	pH	5
	Shasta River HA	Entire water body	Organic Enrichment / Low Dissolved Oxygen	4a
			Temperature	4a
	Shasta River HA, Lake Shastina	Entire water body	Mercury	5
Mad River HU	Mad River	Entire water body	Sedimentation / Siltation	4a
			Temperature	5
			Turbidity	4a
		Mainstem Mad River	Aluminum	
	Norton Creek	Widow White Creek	Indicator Bacteria ²	5
	Ruth Lake	Entire water body	Mercury	5
Mendocino Coast HU	Albion River HA, Albion River	Entire water body	Sedimentation / Siltation	4a
			Temperature	5
	Big River HA, Berry Gulch	Little North Fork	Temperature	5
		(1) Rocky Gulch, (2) the Little North Fork, and (3) Manley Gulch	Oxygen, Dissolved	5
	Big River HA, Big River	(1) Cookhouse Gulch, (2) Railroad Gulch, and (3) the mainstem Big River	Oxygen, Dissolved	5
		Entire water body	Sedimentation / Siltation	4a
			Temperature	5

Table 5 (cont). Impaired Water Bodies (Categories 4a, 4b¹, 4c¹ and 5) - The 2012 303(d) List				
Water Body Hydrologic Unit	Water Body Name	Listing Extent	Pollutant	Category
Mendocino Coast HU	Garcia River HA, Garcia River	Entire water body	Sediment	4a
			Temperature	5
	Gualala River HA, Gualala River	Mainstem Gualala River	Aluminum	5
		Entire water body	Sedimentation /Siltation	4a
		Entire water body except: the Little North Fork Gualala River and its tributaries	Temperature	5
	Navarro River HA	Entire water body	Sedimentation /Siltation	4a
			Temperature	4a
	Navarro River HA, Delta	Entire water body	Sedimentation /Siltation	4a
	Noyo River HA, Noyo River	Entire water body	Sedimentation /Siltation	4a
		(1) Mainstem Noyo River from confluence of Duffy Gulch downstream to confluence with Hayshed Gulch; (2) South Fork Noyo River mainstem from confluence of Kass Creek downstream to confluence with Noyo River mainstem; (3) Little North Fork Noyo River, (4) Duffy Gulch, and (5) Kass Creek tributaries.	Temperature	5
	Noyo River HA, Pudding Creek	Pudding Creek Lagoon	Indicator Bacteria ²	5
		Mainstem Pudding Creek	Temperature	5
	Rockport HA, Ten Mile River HSA	Entire water body	Sedimentation /Siltation	4a
		Entire water body except: (1) Mill Creek, (2) Gulch 11, (3) Churchman Creek, (4) Little Bear Haven Creek, (5) Buckhorn Creek, (6) Booth Gulch, (7) Smith Creek, (8) Bear Haven Creek, and (9) the Little North Fork Ten Mile River	Temperature	5
Redwood Creek HU	Redwood Creek	Entire water body	Sedimentation /Siltation	4a
		Entire water body except Larry Dam Creek	Temperature	5

Table 5 (cont). Impaired Water Bodies (Categories 4a, 4b¹, 4c¹ and 5) – The 2012 303(d) List				
Water Body Hydrologic Unit	Water Body Name	Listing Extent	Pollutant	Category
Russian River HU	Lower Russian River HA, Austin Creek HSA	Entire water body	Sedimentation /Siltation	5
			Temperature	5
	Lower Russian River HA, Guerneville HSA	Mainstem Russian River at Healdsburg Memorial Beach from the Railroad Bridge to Hwy 101	Indicator Bacteria ²	5
			Specific Conductivity	
			Aluminum	
		Mainstem Russian River at Fife Creek to Dutch Bill Creek	Indicator Bacteria ²	5
			Aluminum	
		Mainstem Dutch Bill Creek	Indicator Bacteria	5
		Entire water body	Sedimentation /Siltation	5
			Temperature	5
	Lower Russian River HA, Guerneville HSA, Green Valley Creek watershed	Mainstem Atascadero Creek	Indicator Bacteria	5
		Entire water body	Oxygen, Dissolved	5
	Middle Russian River HA, Big Sulphur Creek HSA	Entire water body	Sedimentation /Siltation	5
			Temperature	5
	Middle Russian River HA, Geyserville HSA	Entire water body	Sedimentation /Siltation	5
			Temperature	5
		Stream 1 on Fitch Mountain	Indicator Bacteria ²	5
		Foss Creek	Diazinon	5
	Middle Russian River HA, Laguna HSA, mainstem Laguna de Santa Rosa	Entire water body	Oxygen, Dissolved	5
			Mercury	5
			Phosphorus	5
			Sedimentation /Siltation	5
			Temperature	5
	Middle Russian River HA, Laguna HSA, tributaries to the Laguna de Santa Rosa (except Santa Rosa Creek and its tributaries)	Mainstem Colgan Creek	Oxygen, Dissolved	5
		Entire water body	Sedimentation /Siltation	5
			Temperature	5

Table 5 (cont). Impaired Water Bodies (Categories 4a, 4b¹, 4c¹ and 5) – The 2012 303(d) List				
Water Body Hydrologic Unit	Water Body Name	Listing Extent	Pollutant	Category
Russian River HU	Middle Russian River HA, Mark West HSA, mainstem Mark West Creek downstream of the confluence with the Laguna de Santa Rosa	Entire water body	Aluminum	5
			Oxygen, Dissolved	5
			Phosphorus	5
			Manganese	5
			Sedimentation /Siltation	5
			Temperature	5
	Russian River HU, Middle Russian River HA, Mark West HSA, mainstem Mark West Creek upstream of the confluence with the Laguna de Santa Rosa	Entire water body	Sedimentation /Siltation	5
			Temperature	5
	Middle Russian River HA, Mark West HSA, tributaries to Mark West Creek (except Windsor Creek and its tributaries)	Entire water body	Sedimentation /Siltation	5
			Temperature	5
	Middle Russian River HA, Mark West HSA, Windsor Creek and its tributaries	Entire water body	Sedimentation /Siltation	5
			Temperature	5
	Middle Russian River HA, Santa Rosa HSA, mainstem Santa Rosa Creek	Entire water body	Indicator Bacteria	5
			Sedimentation /Siltation	5
			Temperature	5
	Russian River HU, Middle Russian River HA, Santa Rosa HSA, tributaries to Santa Rosa Creek	Entire water body	Sedimentation /Siltation	5
			Temperature	5
	Middle Russian River HA, Warm Springs HSA	Entire water body	Sedimentation /Siltation	5
			Temperature	5
	Middle Russian River HA, Warm Springs HSA, Lake Sonoma	Entire water body	Mercury	5
	Upper Russian River HA, Coyote Valley HSA	Entire water body	Sedimentation /Siltation	5
			Temperature	5
	Upper Russian River HA, Coyote Valley HSA, Lake Mendocino	Entire water body	Mercury	5

Table 5 (cont). Impaired Water Bodies (Categories 4a, 4b¹, 4c¹ and 5) – The 2012 303(d) List				
Water Body Hydrologic Unit	Water Body Name	Listing Extent	Pollutant	Category
Russian River HU	Upper Russian River HA, Forsythe Creek HSA	Entire water body	Sedimentation /Siltation	5
			Temperature	5
	Upper Russian River HA, Ukiah HSA	Mainstem Russian River	Aluminum	5
		Entire water body	Sedimentation /Siltation	5
			Temperature	5
Trinidad HU	Little River HA	(1) Little River and (2) Bullwinkle Creek	Indicator Bacteria ²	5
	Clam Beach	Entire water body	Indicator Bacteria	5
Trinity River HU	Lower Trinity River HA	Entire water body except: (1) the New River and its tributaries, (2) Big French Creek and its tributaries, (3) the North Fork Trinity River and its tributaries, including the East Fork North Fork Trinity River and its tributaries, and (4) Manzanita Creek and its tributaries.	Sedimentation / Siltation	4a
	Middle Trinity River HA	Entire water body	Sedimentation /Siltation	4a
	South Fork Trinity HA	Entire water body	Sedimentation /Siltation	4a
			Temperature	5
	Trinity Lake (was Claire Engle Lake)	Entire water body	Mercury	5
	Upper Trinity River HA	Entire water body except the Stuart Fork and its tributaries	Sedimentation / Siltation	4a
	Upper Trinity HA, Trinity River, East Fork Trinity River	Entire water body	Mercury	5
			Sedimentation /Siltation	4a

¹ The North Coast Regional Water Quality Control Board does not currently have any water bodies in Category 4b or 4c.

² Listing based solely upon fecal coliform data.