

**Appendix 4 Sediment TMDLs**

Implemented Sediment TMDLs in California. Construction was listed as a source in all fo these TMDLs in relation to road construction. Although construction was mentioned as a source, it was not given a specific allocation amount. The closest allocation amount would be for the road activity management WLA. **Implementation Phase** – Adoption process by the Regional Board, the State Water Resources Control Board, the Office of Administrative Law, and the US Environmental Protection Agency completed and TMDL being implemented.

A. Region	Type	Name	Pollutant Stressor	Potential Sources	TMDL Completion Date	Watershed Acres	WLA tons mi <sup>2</sup> yr
1 R1.epa.albionfinaltmdl	R	Albion River	Sedimentation	Road Construction	2001	43 acres	See A (table 6)

B Region	Type	Name	Pollutant Stressor	Potential Sources	TMDL Completion Date	Watershed Acres	WLA tons mi <sup>2</sup> yr
1 R1.epa.EelR-middle.mainSed.temp	R	Middle Main Eel River and Tributaries (from Dos Rios to the South Fork)	Sedimentation Road	Construction	2005-2006 521	mi <sup>2</sup>	100

C Region	Type	Name	Pollutant Stressor	Potential Sources	TMDL Completion Date	Watershed Acres	WLA tons mi <sup>2</sup> yr
1 R1.epa.EelRsouth.sed.temp	R	South Fork Eel River	Sedimentation	Road Construction	12 1999	See chart	473

D Region	Type	Name	Pollutant Stressor	Potential Sources	TMDL Completion Date	Watershed Acres	WLA tons mi <sup>2</sup> yr
1 R1.epa.bigfinaltmdl	R Big	River	Sedimentation	Road Construction	12 2001	181 mi <sup>2</sup> watershed drainage	TMDL = loading capacity = nonpoint sources + background =

							393 t mi <sup>2</sup> yr
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<b>E Region</b>	<b>Type</b>	<b>Name</b>	<b>Pollutant Stressor</b>	<b>Potential Sources</b>	<b>TMDL Completion Date</b>	<b>Watershed Acres</b>	<b>WLA tons mi<sup>2</sup> yr</b>
1 R1.epa.EelR-lower.Sed.temp-121807-signed	R	Lower Eel River	Sedimentation	Road Construction	12 2007	300 square-mile watershed	898

<b>F Region</b>	<b>Type</b>	<b>Name</b>	<b>Pollutant Stressor</b>	<b>Potential Sources</b>	<b>TMDL Completion Date</b>	<b>Watershed Acres</b>	<b>WLA tons mi<sup>2</sup> yr</b>
1 R1.epa.EelR-middle.Sed.temp-	R	Middle Fork Eel River	Sedimentation	Road Construction	12 2003	753 mi <sup>2</sup> (approx. 482,000 acres)	82

<b>G Region</b>	<b>Type</b>	<b>Name</b>	<b>Pollutant Stressor</b>	<b>Potential Sources</b>	<b>TMDL Completion Date</b>	<b>Watershed Acres Mi<sup>2</sup></b>	<b>WLA tons mi<sup>2</sup> yr</b>
1 R1.epa.EelRnorth-Sed.temp.final-121807-signed	R	North Fork Eel River	Sedimentation	Road Construction	12 30 2002	289 (180,020 acres)	20

<b>H Region</b>	<b>Type</b>	<b>Name</b>	<b>Pollutant Stressor</b>	<b>Potential Sources</b>	<b>TMDL Completion Date</b>	<b>Watershed Acres Mi<sup>2</sup></b>	<b>WLA tons mi<sup>2</sup> yr</b>
1 R1.epa.EelR-upper.mainSed.temp-	R	Upper Main Eel River and Tributaries (including Tomki Creek, Outlet Creek and Lake Pillsbury)	Sedimentation	Road Construction	12 29 2004	688 (approx. 440,384 acres)	14

I Region	Type	Name	Pollutant Stressor	Potential Sources	TMDL Completion Date	Watershed Acres	WLA tons mi <sup>2</sup> yr
1 R1.epa.gualalafina ltmdl	R	Gualala River	Sedimentation	Road Construction	Not sure	300 (191,145 acres)	7

J Region	Type	Name	Pollutant Stressor	Potential Sources	TMDL Completion Date	Watershed Acres mi <sup>2</sup>	WLA tons mi <sup>2</sup> yr
1 R1.epa.Mad- sed.turbidity	R	Mad River	Sedimentation	Road Construction	12 21 2007	480	174

K Region	Type	Name	Pollutant Stressor	Potential Sources	TMDL Completion Date	Watershed Acres mi <sup>2</sup>	WLA tons mi <sup>2</sup> yr
1 R1.epa.mattole.se diment	R	Mattole River	Sedimentation	Road Construction	12 30 2003	296	27 or 520+27 = 547

L Region	Type	Name	Pollutant Stressor	Potential Sources	TMDL Completion Date	Watershed Acres mi <sup>2</sup>	WLA tons mi <sup>2</sup> yr
1 R1.epa.navarro.se d.temp	R	Navarro River	Sedimentation	Road Construction	Not sure	315 (201,600 acres).	50

M Region	Type	Name	Pollutant Stressor	Potential Sources	TMDL Completion Date	Watershed Acres mi <sup>2</sup>	WLA tons mi <sup>2</sup> yr
1 R1.epa.noyo.sedi ment	R	Noyo River	Sedimentation	Road Construction	12 16 1999	113 (72,323 acres)	68 (three areas measured) Table 16 in the TMDL

<b>N Region</b>	<b>Type</b>	<b>Name</b>	<b>Pollutant Stressor</b>	<b>Potential Sources</b>	<b>TMDL Completion Date</b>	<b>Watershed Acres mi<sup>2</sup></b>	<b>WLA tons mi<sup>2</sup> yr</b>
1 R1.epa.RedwoodCk.sed	Cr	Redwood Creek	Sedimentation	Road Construction	12 30 1998	278	1900 Total allocation

<b>O Region</b>	<b>Type</b>	<b>Name</b>	<b>Pollutant Stressor</b>	<b>Potential Sources</b>	<b>TMDL Completion Date</b>	<b>Watershed Acres mi<sup>2</sup></b>	<b>WLA – Roads tons mi<sup>2</sup> yr</b>
1 R1.epa.tenmile.sed	R	Ten Mile River	Sedimentation	Road Construction	2000	120	9

<b>P Region</b>	<b>Type</b>	<b>Name</b>	<b>Pollutant Stressor</b>	<b>Potential Sources</b>	<b>TMDL Completion Date</b>	<b>Watershed Acres mi<sup>2</sup></b>	<b>WLA management tons mi<sup>2</sup> yr</b>
1 R1.epa.trinity.sed	R	Trinity River	Sedimentation	Road Construction	12 20 2001	2000 of 3000 covered in this TMDL	See rows below
1	Cr	Horse Linto Creek	Sedimentation	Road Construction	12 20 2001	64	528
1	Cr	Mill creek and Tish Tang	Sedimentation	Road Construction	12 20 2001	39	210
1	Cr	Willow Creek	Sedimentation	Road Construction	12 20 2001	43	94
1	Cr	Campbell Creek and Supply Creek	Sedimentation	Road Construction	12 20 2001	11	1961
1	Cr	Lower Mainstem and Coon Creek	Sedimentation	Road Construction	12 20 2001	32	63
1 R		Reference Subwatershed <sup>1</sup>	Sedimentation	Road Construction	12 20 2001	434	24
1	Cr	Canyon Creek	Sedimentation	Road	12 20 2001	64	326

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				Construction			
1 R		Upper Tributaries <sup>2</sup>	Sedimentation	Road Construction	12 20 2001	72	67
1 R		Middle Tributaries <sup>3</sup>	Sedimentation	Road Construction	12 20 2001	54	53
1 R		Lower Tributaries <sup>4</sup>	Sedimentation	Road Construction	12 20 2001	96	55
1	Cr	Weaver and Rush Creeks	Sedimentation	Road Construction	12 20 2001	72	169
1 Cr		Deadwood Creek Hoadley Gulch Poker Bar	Sedimentation	Road Construction	12 20 2001	47	68
1	L	Lewiston Lake	Sedimentation	Road Construction	12 20 2001	25	49
1 Cr		Grassvalley Creek	Sedimentation	Road Construction	12 20 2001	37	44
1	Cr	Indian Creek	Sedimentation	Road Construction	12 20 2001	34	81
1	Cr	Reading and Browns Creek	Sedimentation	Road Construction	12 20 2001	104	66
1 Cr		Reference Subwatersheds <sup>5</sup>	Sedimentation	Road Construction	12 20 2001	235	281
1	L, Cr	Westside tributaries <sup>6</sup>	Sedimentation	Road Construction	12 20 2001	93	105
1 R,	Cr, G	Upper trinity <sup>7</sup>	Sedimentation	Road Construction	12 20 2001	161	690
1 R,	Cr, G	East Fork Tributaries <sup>8</sup>	Sedimentation	Road Construction	12 20 2001	115	65
1	R, L	Eastside Tributaries <sup>9</sup>	Sedimentation	Road Construction	12 20 2001	89	60

1 New River, Big French, Manzanita, North Fork, East Fork, North Fork

2 Dutch, Soldier, Oregon gulch, Conner Creek

3 Big Bar, Prairie Creek, Little French Creek

4 Swede, Italian, Canadian, Cedar Flat, Mill, McDonald, Hennessy, Quimby, Hawkins, Sharber

5 Stuarts Fork, Swift Creek, Coffee Creek

6 Stuart Arm, Stoney Creek, Mule Creek, East Fork, Stuart Fork, West Side Trinity Lake, Hatchet Creek, Buckeye Creek,

7 Upper Trinity River, Tangle Blue, Sunflower, Graves, Bear Upper Trinity Mainstream, Ramshorn Creek, Ripple Creek, Minnehaha Creek, Snowslide Gulch, Scorpion Creek

8 East Fork Trinity, Cedar Creek, Squirrel Gulch

## 9 East Side Tributaries, Trinity Lake

Q Region	Type	Name	Pollutant Stressor	Potential Sources	TMDL Completion Date	Watershed Acres mi <sup>2</sup>	WLA tons mi <sup>2</sup> yr
1 R1.epa.trinity.so.sed	R, Cr	South Fork Trinity River and Hayfork Creek	Sedimentation	Road Construction	12 1998	Not given, 19 miles long	33 (road total)

R Region	Type	Name	Pollutant Stressor	Potential Sources	TMDL Completion Date	Watershed Acres mi <sup>2</sup>	WLA tons mi <sup>2</sup> yr
1 R1.epa.vanduzen.sed	R, Cr	Van Duzen River and Yager Creek	Sedimentation	Various	12 16 1999	429	1353 total allocation
1		Upper Basin	Sedimentation	Road Construction			7
1		Middle Basin	Sedimentation	Road Construction			22
1		Lower Basin	Sedimentation	Road Construction			20

S Region	Type	Name	Pollutant Stressor	Potential Sources	TMDL Completion Date	Watershed Acres mi <sup>2</sup>	WLA tons mi <sup>2</sup> yr
6 R6.blackwood.sed Cr		Blackwood Creek (Placer County)	Bedded Sediment	Various	9 2007	11	17272 total

T Region	Type	Name	Pollutant Stressor	Potential Sources	TMDL Completion Date	Watershed Acres mi <sup>2</sup>	WLA tons mi <sup>2</sup> yr
6 R6.SquawCk.sed R		Squaw Creek (Placer County)	Sedimentation /controllable sources	Various – basin plan amendment	4 13 2006	8.2	10,900

Adopted TMDLs for Construction Sediment Sources

Region	Type	Name	Pollutant Stressor	Potential Sources	TMDL Completion Date	Watershed Area mi <sup>2</sup>	Waste load Allocation tons mi <sup>2</sup> yr
8 R		Newport Bay San Diego Creek Watershed	Sedimentation	Construction Land Development	1999 2.24	(1432 acres)	125,000 tons per Year (no more than 13,000 tons per year from construction sites)