

**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.

<b>A. 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.albionfinalt mdl	R	Albion River	Sedimentation	Road Construction	2001	43 acres	See A (table 6)

<b>B 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.mainSed.te mp	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

<b>C 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.EelRsouth. sed.temp	R	South Fork Eel River	Sedimentation	Road Construction	12 1999	See chart	473

<b>D 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.bigfinaltmd l	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	Sedimentation	Road	12 20 2001	434	24

		Subwatershed <sup>1</sup>		Construction			
1	Cr	Canyon Creek	Sedimentation	Road Construction	12 20 2001	64	326
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

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1	R, L	Eastside Tributaries <sup>9</sup>	Sedimentation	Road Construction	12 20 2001	89	60
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- 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	TMDL	Watershed	WLA tons mi <sup>2</sup>
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				<b>Sources</b>	<b>Completion Date</b>	<b>Acres mi<sup>2</sup></b>	<b>yr</b>
6	R6.blackwood.sed	Cr	Blackwood Creek (Placer County)	Bedded Sediment	Various	9 2007	11 17272 total

<b>T 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>
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

<b>Region</b>	<b>Type</b>	<b>Name</b>	<b>Pollutant Stressor</b>	<b>Potential Sources</b>	<b>TMDL Completion Date</b>	<b>Watershed Area mi<sup>2</sup></b>	<b>Waste load Allocation tons mi<sup>2</sup> yr</b>
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)