CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part B - Sediment/Nutrients/Mercury/Siltation/Turbidity

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part B - Impairment Status - Sediment/ Nutrients/ Mercury/ Siltation/ Turbidity[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank[7]
San Diego	8 and 11	Rainbow Creek (Total Nitrogen and Total Phosphorus)	Rainbow Creek	1	6.47	7,375	85%	1.23%	88.0%	22.80	1
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Yreka Creek	19	11.84	33,554	92%	0.66%	76.3%	15.4	2
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Klamath River	22	5.59	11,393	92%	0.78%	85.5%	13.0	3
Los Angeles	7	Los Angeles Area Echo Park Lake (Nitrogen, Phosphorus, Chlordane, Dieldrin, PCBs, and Trash)	Echo Park Lake	1	0.78	801	93%	2.21%	9.4%	40.99	4
Los Angeles	7	Los Angeles Area Peck Road Park Lake (Nitrogen, Phosphorus, Chlordane, DDT, Dieldrin, PCBs, and Trash)	Santa Anita Wash	2	7.55	14,945	92%	0.37%	64.9%	26.23	5
Central Valley	3	Cache Creek, Bear Creek, Sulphur Creek, and Harley Gulch (Mercury)	Bear Creek	2	18.18	65,739	96%	0.14%	75.4%	28.5	6
Los Angeles	7	Ballona Creek Wetlands (Sediment and Invasive Exotic Vegetation)	Ballona Creek	2	6.58	79,506	100%	1.36%	5.0%	27.66	6
Los Angeles	7	Ballona Creek Wetlands (Sediment and Invasive Exotic Vegetation)	Ballona Creek	1	2.31	2,288	100%	1.53%	24.8%	14.65	8
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	Calleguas Creek and Estuary	1	1.39	22,848	99%	0.64%	7.8%	39.4	9
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	Calleguas Creek	2	9.42	12,953	99%	1.09%	6.0%	24.1	10
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	Revolon Slough, Beardsley Wash	3	17.26	27,851	99%	0.51%	10.4%	27.3	10
Central Valley	1	Cache Creek, Bear Creek, Sulphur Creek, and Harley Gulch (Mercury)	Cache Creek	6	40.18	43,439	96%	0.50%	58.4%	13.3	12
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	Conejo Creek, Arroyo Conejo	6	19.36	50,103	99%	0.67%	28.6%	15.4	13
Los Angeles	7	Los Angeles Area Peck Road Park Lake (Nitrogen, Phosphorus, Chlordane, DDT, Dieldrin, PCBs, and Trash)	Rio Hondo, Peck Road Park Lake	1	9.48	8,765	92%	1.01%	15.6%	37.25	14
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	Calleguas Creek, Arroyo Las Posas	4	10.46	28,957	99%	0.49%	28.4%	15.2	15
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	Arroyo Simi	5	32.61	77,503	99%	0.38%	20.3%	16.2	16
Los Angeles	7	Machado Lake (Eutrophic, Algae, Ammonia, and Odors (Nutrients))	Machado Lake	1	1.46	14,820	90%	1.73%	4.6%	47.0	16
Central Valley	1	Cache Creek, Bear Creek, Sulphur Creek, and Harley Gulch (Mercury)	Harley Gulch	3	6.00	3,982	96%	0.58%	55.4%	10.5	18

Legend/Assumptions

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Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
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Part B - Sediment/Nutrients/Mercury/Siltation/Turbidity

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part B - Impairment Status - Sediment/ Nutrients/ Mercury/ Siltation/ Turbidity[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank[7]
Santa Ana	8	Big Bear Lake (Nutrients for Dry Hydrological Conditions)	Big Bear Creek	1	23.18	23,399	47%	0.59%	80.0%	23.3	19
San Francisco Bay	4	Napa River (Sediment)	Conn Creek, Sage Creek	3	15.45	47,649	71%	0.20%	95.9%	19.9	20
North Coast	1	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Willow Creek	3	10.68	27,791	92%	0.29%	99.2%	7.5	21
Los Angeles	7	Los Angeles Area North, Center & Legg Lake (Nitrogen, Phosphorus)	Legg Lake	1	0.68	1,249	57%	3.24%	13.8%	55.1	21
North Coast	1	Noyo River (Sediment)	Noyo River	1	6.83	5,220	91%	0.33%	32.3%	16.1	23
North Coast	2	Shasta River (Dissolved Oxygen and Temperature)	Yreka Creek	2	11.83	32,791	50%	0.63%	74.5%	15.4	24
North Coast	1	Mad River (Sediment and Turbidity)	Mad River	1	14.08	36,967	89%	0.45%	37.6%	14.0	25
Central Valley	3, 4 and 10	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	Sacramento River	2	44.48	249,623	63%	0.40%	27.9%	26.2	25
North Coast	1	Ten Mile River (Sediment)	Tenmile River	1	7.05	5,377	75%	0.15%	100.0%	13.8	27
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Lower Klamath River	25	11.38	229,916	92%	0.07%	61.6%	16.6	27
Los Angeles	7	Los Angeles Area Puddingstone Reservoir (Nitrogen, Phosphorus, Chlordane, DDT, PCBs, Mercury, Dieldrin)	Live Oak Wash, Puddingstone Reservoir	1	8.37	8,338	54%	1.48%	18.4%	23.40	29
North Coast	1	Big River (Sediment)	Big River North Fork	2	13.16	27,876	75%	0.29%	73.5%	13.5	30
Los Angeles	7	Malibu Creek and Lagoon (Sedimentation and Nutrients to address Benthic Community Impairments)	Lindero Canyon	3	7.32	4,363	43%	1.06%	99.6%	11.6	30
San Francisco Bay	4	Napa River (Sediment)	Napa River	1	19.49	61,070	71%	0.85%	5.3%	24.8	32
Central Valley	1	Cache Creek, Bear Creek, Sulphur Creek, and Harley Gulch (Mercury)	Scotts Creek	9	23.37	66,343	96%	0.14%	31.1%	15.0	33
Central Valley	1 and 3	Cache Creek, Bear Creek, Sulphur Creek, and Harley Gulch (Mercury)	Cache Creek	1	183.21	186,419	96%	0.22%	24.1%	12.9	34
North Coast	1	Upper Main Eel River and Tributaries including Tomki Creek, Outlet Creek, and Lake Pillsbury (Temperature and Sediment)	Long Valley Creek	3	8.55	17,060	49%	0.51%	93.8%	12.0	35
San Francisco Bay	4	Sonoma Creek (Sediment)	Sonoma Creek	1	9.92	36,821	89%	0.36%	7.0%	19.9	36

Legend/Assumptions

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Part B - Sediment/Nutrients/Mercury/Siltation/Turbidity

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part B - Impairment Status - Sediment/ Nutrients/ Mercury/ Siltation/ Turbidity[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank[7]
Santa Ana	8	Lake Elsinore and Canyon Lake (Nutrients)	San Jacinto River	2	26.62	281,883	87%	0.35%	2.2%	32.1	37
Central Coast	5	Morro Bay (includes Chorro Creek, Los Osos Creek, and the Morro Bay Estuary) (Sediment)	Chorro Creek	2	11.79	28,391	50%	0.42%	47.5%	17.2	38
North Coast	1	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Klamath River	1	44.38	318,287	92%	0.11%	54.6%	13.3	39
Santa Ana	8 and 12	Lake Elsinore and Canyon Lake (Nutrients)	San Jacinto River	1	19.26	50,753	87%	0.33%	9.2%	22.0	40
San Francisco Bay	4	San Francisco Bay (Mercury)	Conn Creek, Sage Creek	8	15.45	47,649	43%	0.20%	95.9%	19.94	41
North Coast	1 and 2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Trinity River	2	31.19	216,335	92%	0.11%	83.2%	8.8	42
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Shasta River, Dale Creek	20	19.09	78,379	92%	0.20%	8.4%	17.2	43
North Coast	1	Lower Eel River (Temperature and Sediment)	Eel River	1	44.52	134,774	77%	0.40%	31.5%	12.7	44
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Little Grass Valley Creek	12	12.08	23,610	92%	0.30%	95.4%	4.6	45
North Coast	1	Navarro River (Sediment and Temperature)	Anderson Creek, Soda Creek	4	14.25	29,461	62%	0.42%	60.5%	11.3	46
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Shasta River	18	36.31	393,610	92%	0.15%	12.7%	15.8	47
San Francisco Bay	4	Napa River (Sediment)	Napa River	2	41.97	161,051	71%	0.33%	9.7%	20.6	47
North Coast	1	Noyo River (Sediment)	Noyo River South Fork	2	9.70	17,549	91%	0.20%	20.0%	16.1	49
North Coast	1 and 2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Klamath River	21	135.71	1,433,421	92%	0.07%	95.0%	8.2	50
Central Valley	3 and 4	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	San Joaquin River	3	26.57	229,008	63%	0.32%	2.6%	44.0	51
San Francisco Bay	4	San Francisco Bay (Mercury)	San Lorenzo Creek	4	11.52	101,642	43%	0.74%	15.6%	20.64	52
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Rattlesnake Creek, Bone Gulch	7	9.23	29,928	92%	0.21%	62.9%	6.5	53
San Francisco Bay	4	San Francisco Bay (Mercury)	Coyote Creek	1	60.59	263,776	43%	0.48%	16.5%	24.63	54

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North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Cottonwood Creek, Hutton Creek, Miller Gulch	23	9.71	40,700	92%	0.26%	24.0%	10.3	55
Los Angeles	5 and 7	Ventura River and its Tributaries (Algae, Eurtophic Conditions, and Nutrients)	Ventura River	1	15.95	144,672	58%	0.30%	26.7%	19.0	56
Central Coast	5	San Lorenzo River (includes Carbonera, Lompico, and Shingle Mill Creeks) (Sediment)	Carbonera Creek	2	8.59	12,355	27%	0.86%	97.9%	11.2	57
North Coast	1	Upper Main Eel River and Tributaries including Tomki Creek, Outlet Creek, and Lake Pillsbury (Temperature and Sediment)	Outlet Creek	2	28.69	86,540	49%	0.33%	65.4%	12.7	58
Central Valley	1	Cache Creek, Bear Creek, Sulphur Creek, and Harley Gulch (Mercury)	Cache Creek	7	43.95	168,634	96%	0.27%	1.7%	12.9	59
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Salt Creek, Ditch Gulch	9	14.68	51,780	92%	0.28%	50.3%	6.5	60
San Francisco Bay	4	San Francisco Bay (Mercury)	Napa River	6	19.49	69,405	43%	0.80%	6.3%	24.81	61
Central Valley	1	Clear Lake (Nutrients)	Cache Creek	1	40.27	43,439	42%	0.50%	58.4%	13.3	62
San Francisco Bay	4	San Francisco Bay (Mercury)	San Francisco Bay	12	19.41	92,378	43%	0.71%	30.4%	14.37	63
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Lower Klamath River	26	31.88	859,431	92%	0.04%	12.5%	17.1	64
North Coast	1	Redwood Creek (Sediment)	Prairie Creek	3	11.92	25,453	60%	0.29%	46.2%	13.5	65
North Coast	1	Upper Main Eel River and Tributaries including Tomki Creek, Outlet Creek, and Lake Pillsbury (Temperature and Sediment)	Eel River	1	6.81	11,693	49%	0.45%	100.0%	6.5	65
North Coast	1	Navarro River (Sediment and Temperature)	Navarro River	1	27.94	40,581	62%	0.39%	59.2%	8.4	67
Central Valley	3, 4 and 10	Sacramento - San Joaquin River Delta Estuary (Methyl mercury)	San Joaquin River	1	39.20	259,531	63%	0.28%	0.6%	29.0	68
Central Valley	1	Cache Creek, Bear Creek, Sulphur Creek, and Harley Gulch (Mercury)	Middle Creek	8	18.43	58,770	96%	0.13%	20.3%	11.3	69

Legend/Assumptions

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North Coast	1	Trinity River (Sediment)	Willow Creek	2	10.68	27,791	52%	0.29%	99.2%	7.5	70
North Coast	1	Navarro River (Sediment and Temperature)	Rancheria Creek	6	7.17	23,912	62%	0.22%	92.7%	8.8	70
San Francisco Bay	4	San Francisco Bay (Mercury)	San Pablro Bay	11	18.01	10,763	43%	1.53%	41.6%	9.70	72
North Coast	1	South Fork Eel River (Temperature and Sediment)	Rattlesnake Creek	4	8.61	24,680	33%	0.41%	99.2%	9.5	73
San Francisco Bay	4	Sonoma Creek (Sediment)	Sonoma Creek	2	22.89	69,772	89%	0.24%	13.0%	12.7	74
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Trinity River	10	59.92	410,983	92%	0.09%	85.4%	5.6	75
San Francisco Bay	4	San Francisco Bay (Mercury)	Arroyo Mocho	13	41.61	175,093	43%	0.46%	11.9%	17.82	75
San Francisco Bay	4	San Francisco Bay (Mercury)	San Francisco Bay	3	41.48	566,045	43%	1.06%	0.8%	19.26	75
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Trinity River, Clair Engle Lake	13	157.88	451,177	92%	0.08%	60.2%	7.4	78
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Scott River	17	31.94	174,071	92%	0.00%	100.0%	5.8	79
Central Valley	1	Cache Creek, Bear Creek, Sulphur Creek, and Harley Gulch (Mercury)	Cache Creek North Fork	4	20.35	143,192	96%	0.06%	28.6%	10.3	80
Santa Ana	8	Lake Elsinore and Canyon Lake (Nutrients)	San Jacinto River South Fork	3	30.88	151,247	87%	0.25%	21.0%	11.3	81
Lahontan	3 and 10	Lake Tahoe (Sediment and Nutrients)	Upper Truckee River	2	17.45	62,613	65%	0.29%	39.6%	9.5	82
North Coast	2	Lost River (Nitrogen, Biochemical Oxygen Demand, and pH)	Lower Klamath River	1	11.38	229,916	50%	0.07%	61.6%	16.6	83

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Part B - Sediment/Nutrients/Mercury/Siltation/Turbidity

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part B - Impairment Status - Sediment/ Nutrients/ Mercury/ Siltation/ Turbidity[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank[7]
Los Angeles	7	Malibu Creek and Lagoon (Sedimentation and Nutrients to address Benthic Community Impairments)	Las Virgenes Creek	5	11.62	15,581	43%	0.63%	24.9%	12.2	84
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Scott River South Fork	15	11.20	28,216	92%	0.00%	100.0%	4.8	85
San Francisco Bay	4	San Francisco Bay (Mercury)	Petaluma River,	10	35.32	180,971	43%	0.31%	12.3%	20.25	85
North Coast	1 and 2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Trinity River South Fork	4	31.21	129,203	92%	0.00%	100.0%	5.2	87
North Coast	1	Navarro River (Sediment and Temperature)	South Branch North Fork Navarro River	2	21.90	47,466	62%	0.12%	74.7%	11.1	87
San Francisco Bay	4	San Francisco Bay (Mercury)	Suisun Bay	5	24.65	385,916	43%	0.34%	1.9%	26.99	89
North Coast	1	Van Duzen River and Yager Creek (Sediment)	Van Duzen River	1	21.91	32,265	37%	0.38%	58.1%	12.2	89
San Francisco Bay	4	San Francisco Bay (Mercury)	Napa River	7	41.95	152,716	43%	0.33%	9.1%	20.57	91
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Hayfork Creek, Summit Creek	8	36.37	196,165	92%	0.07%	57.4%	6.0	92
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Scott River East Fork	14	16.29	74,031	92%	0.09%	37.3%	6.7	93
Central Coast	5	San Lorenzo River (includes Carbonera, Lompico, and Shingle Mill Creeks) (Sediment)	Carbonera Creek	1	4.08	6,851	27%	0.99%	27.4%	12.6	93
North Coast	1 and 2	Trinity River (Sediment)	Trinity River	1	31.19	216,335	52%	0.11%	83.2%	8.8	95
North Coast	1	Navarro River (Sediment and Temperature)	Rancheria Creek	5	20.54	35,389	62%	0.05%	86.8%	9.4	96
North Coast	2	Trinity River (Sediment)	Little Grass Valley Creek	5	12.08	23,610	52%	0.30%	95.4%	4.6	97

Legend/Assumptions

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2. Reach subwatershed area delineate using GIS analysis.
3. Degree of impairment as measured by % pollution reduction needed to achieve TMDL WLA.
4. Based on highway centerline data. Impervious areas calculated based on number of lanes, 12 ft lanes with 8ft shoulder each side. Pervious area was estimated to be an additional 40%.
5. Caltrans impervious area within 0.25 mile of reach is based on GIS analysis. Using the Caltrans highway centerline data an offset of 0.25 mile from the reach was determined. Caltrans ROW area within the 0.25 mile offset was compared to total Caltrans ROW within the reach watershed to determine %
6. The estimate of environmental health was based on the California Office of Health Hazard Assessment (OEHHA) evaluation tool. (http://oehha.ca.gov/ej/ces11.html).
7. Categorical Reach Rank based on the following 4 factors: (i) Reach impairment status (%reduction needed) (ii) Department's drainage area contributing to reach (iii) Proximity to receiving waters (iv) Community environmental health impact. Lowest number means highest priority and higher number means lower priority. Numerical ranks were calculated for each factor. Factor ranks were them summed and ranked.

Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
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Low Rating	Below 25%	Below 1%	Below 25%	Lower 3

CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part B - Sediment/Nutrients/Mercury/Siltation/Turbidity

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part B - Impairment Status - Sediment/ Nutrients/ Mercury/ Siltation/ Turbidity[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank[7]
North Coast	1 and 2	Mad River (Sediment and Turbidity)	Mad River	5	30.34	51,335	89%	0.13%	33.5%	7.9	98
Central Valley	1	Cache Creek, Bear Creek, Sulphur Creek, and Harley Gulch (Mercury)	Cache Creek	5	12.60	9,123	96%	0.00%	0.0%	14.5	98
North Coast	2	Shasta River (Dissolved Oxygen and Temperature)	Shasta River	3	19.09	78,379	50%	0.20%	8.4%	17.23	100
San Francisco Bay	4	San Francisco Bay (Mercury)	Sonoma Creek, Calabazas Creek	9	25.51	106,604	43%	0.28%	10.3%	16.73	101
North Coast	2	Shasta River (Dissolved Oxygen and Temperature)	Shasta River	1	36.35	394,376	50%	0.15%	15.0%	15.81	102
Los Angeles	7	Malibu Creek and Lagoon (Sedimentation and Nutrients to address Benthic Community Impairments)	Malibu Creek, Malibu Lake	1	11.91	13,974	43%	0.04%	96.6%	11.9	102
North Coast	1	Upper Main Eel River and Tributaries including Tomki Creek, Outlet Creek, and Lake Pillsbury (Temperature and Sediment)	Eel River	4	42.77	100,628	49%	0.00%	100.0%	10.3	104
North Coast	1	Albion River (Sediment)	Albion River	1	7.82	8,076	69%	0.04%	98.0%	6.9	105
North Coast	2	Lost River (Nitrogen, Biochemical Oxygen Demand, and pH)	Lower Klamath River	2	31.88	278,349	50%	0.08%	19.4%	17.1	106
North Coast	1 and 4	Gualala River (Sediment)	Gualala River South Fork, Marshall Creek, Makenzie Creek	1	36.01	40,797	89%	0.03%	100.0%	4.1	107
North Coast	1	South Fork Eel River (Temperature and Sediment)	Eel River South Fork	1	16.87	80,176	33%	0.34%	88.8%	6.6	107
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Trinity River South Fork	5	26.87	88,797	92%	0.07%	38.6%	5.4	109
North Coast	1	Redwood Creek (Sediment)	Redwood Creek	1	39.80	93,959	60%	0.02%	93.6%	8.4	109
North Coast	1	Mad River (Sediment and Turbidity)	Mad River North Fork	2	16.00	31,168	89%	0.28%	29.1%	5.4	111
North Coast	1	Big River (Sediment)	Big River	3	11.54	21,010	75%	0.00%	0.0%	24.72	111

Legend/Assumptions

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High Rating	Over 75%	Over 5%	Over 75%	Top 3
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Part B - Sediment/Nutrients/Mercury/Siltation/Turbidity

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part B - Impairment Status - Sediment/ Nutrients/ Mercury/ Siltation/ Turbidity[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank[7]
North Coast	1 and 2	Van Duzen River and Yager Creek (Sediment)	Van Duzen River	4	11.48	16,299	37%	0.43%	78.4%	5.6	111
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Klamath River	24	31.54	577,482	92%	0.04%	0.0%	12.34	114
Santa Ana	12	Rhine Channel Area of the Lower Newport Bay (Chromium and Mercury)	Rhine Channel	1	0.47	88	98%	0.00%	0.0%	12.53	115
Los Angeles	7	Malibu Creek and Lagoon (Sedimentation and Nutrients to address Benthic Community Impairments)	Triunfo Canyon	2	5.84	25,175	43%	0.39%	0.0%	13.80	115
San Francisco Bay	4	San Francisco Bay (Mercury)	Alameda Creek	2	44.57	247,586	43%	0.20%	19.7%	14.92	117
North Coast	1	Navarro River (Sediment and Temperature)	Indian Creek	3	13.21	25,292	62%	0.03%	55.9%	11.26	118
North Coast	1	Noyo River (Sediment)	Noyo River	3	16.54	16,314	91%	0.00%	0.0%	15.87	119
Los Angeles	7	Malibu Creek and Lagoon (Sedimentation and Nutrients to address Benthic Community Impairments)	Medea Creek	4	7.97	11,276	43%	0.29%	30.9%	9.39	120
Central Valley	1	Clear Lake (Nutrients)	Scotts Creek	4	23.37	66,343	42%	0.14%	31.1%	15.0	120
Los Angeles	7	Los Angeles Area Lake Sherwood (Mercury)	Potrero Valley	1	6.32	4,266	70%	0.10%	0.0%	15.50	122
North Coast	1	Big River (Sediment)	Big River South Fork	4	20.94	34,877	75%	0.00%	0.0%	19.43	123
North Coast	1	Noyo River (Sediment)	Noyo River	4	10.03	17,415	91%	0.05%	0.0%	12.86	124
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Trinity River	11	31.48	182,276	92%	0.17%	11.3%	4.80	125
North Coast	2	Scott River (Sediment and Temperature)	Scott River	1	31.94	174,071	63%	0.00%	100.0%	5.79	125
Lahontan	3	Lake Tahoe (Sediment and Nutrients)	Lake Tahoe	1	63.89	170,972	65%	0.21%	60.1%	4.55	127

Legend/Assumptions

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CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part B - Sediment/Nutrients/Mercury/Siltation/Turbidity

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part B - Impairment Status - Sediment/ Nutrients/ Mercury/ Siltation/ Turbidity[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank[7]
North Coast	1	South Fork Eel River (Temperature and Sediment)	Eel River South Fork	2	51.39	230,456	33%	0.26%	78.9%	7.2	128
Central Coast	5	San Lorenzo River (includes Carbonera, Lompico, and Shingle Mill Creeks) (Sediment)	Boulder Creek	5	5.73	7,347	27%	0.98%	72.3%	3.3	129
North Coast	1	Garcia River (Sediment)	Garcia River	1	16.76	30,183	60%	0.07%	53.1%	8.15	130
North Coast	2	Scott River (Sediment and Temperature)	Scott Rivier South Fork	3	11.38	28,216	63%	0.00%	100.0%	4.79	131
North Coast	1	South Fork Eel River (Temperature and Sediment)	Tenmile Creek	5	19.74	41,822	33%	0.22%	47.8%	9.8	132
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Scott River	16	24.55	244,738	92%	0.11%	8.7%	5.63	133
North Coast	2	Trinity River (Sediment)	Trinity River, Trinity Lake	6	157.88	451,177	52%	0.08%	60.2%	7.38	134
North Coast	2	Trinity River (Sediment)	Trinity River	3	59.92	410,983	52%	0.09%	85.4%	5.62	134
North Coast	1	Ten Mile River (Sediment)	Tenmile River South Fork	2	19.69	21,432	75%	0.00%	0.0%	16.09	136
Los Angeles	7	Los Angeles Area Lake Sherwood (Mercury)	Potrero Valley Creek, Lake Sherwood	2	3.41	1,787	70%	0.00%	0.0%	16.77	136
Los Angeles	7	Los Angeles Area Lake Sherwood (Mercury)	Hidden Valley	3	3.48	3,969	70%	0.00%	0.0%	16.77	136
Los Angeles	7	Los Angeles Area Lake Sherwood (Mercury)	Potrero Valley Creek	4	1.44	771	70%	0.00%	0.0%	16.77	136
North Coast	1	Noyo River (Sediment)	Noyo River North Fork	5	7.67	16,060	91%	0.00%	0.0%	12.86	140
North Coast	1	Van Duzen River and Yager Creek (Sediment)	Van Duzen River	2	22.66	62,317	37%	0.20%	60.3%	7.72	141
North Coast	1	Ten Mile River (Sediment)	Tenmile River Middle Fork	3	16.15	24,836	75%	0.00%	0.0%	14.56	142
North Coast	2	Scott River (Sediment and Temperature)	Scott River East Fork	4	16.29	74,031	63%	0.09%	36.8%	6.74	142

Legend/Assumptions

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ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part B - Sediment/Nutrients/Mercury/Siltation/Turbidity

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part B - Impairment Status - Sediment/ Nutrients/ Mercury/ Siltation/ Turbidity[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank[7]
Central Coast	5	San Lorenzo River (includes Carbonera, Lompico, and Shingle Mill Creeks) (Sediment)	San Lorenzo River	3	15.94	51,753	27%	0.35%	53.9%	6.13	144
North Coast	2	South Fork Trinity River and Hayfork Creek (Sediment)	Bone Gulch, Rattlesnake Creek	4	9.22	29,928	30%	0.21%	62.9%	6.50	145
Lahontan	3	Truckee River (Sediment)	Middle Martis Creek	3	9.15	26,807	20%	0.22%	65.1%	6.81	145
North Coast	1	South Fork Eel River (Temperature and Sediment)	Eel River South Fork	3	37.14	64,063	33%	0.14%	48.9%	9.3	145
Central Coast	5	San Lorenzo River (includes Carbonera, Lompico, and Shingle Mill Creeks) (Sediment)	San Lorenzo River	4	10.59	15,151	27%	0.78%	49.5%	3.23	145
Central Valley	1	Clear Lake (Nutrients)	Cache Creek	2	43.95	168,632	42%	0.27%	1.7%	12.88	149
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Trinity River South Fork	6	28.97	100,730	92%	0.00%	0.0%	7.71	150
Lahontan	3	Truckee River (Sediment)	Truckee River	1	37.29	123,147	20%	0.47%	52.4%	5.15	151
North Coast	2	South Fork Trinity River and Hayfork Creek (Sediment)	Salt Creek	6	14.62	51,780	30%	0.28%	50.3%	6.50	152
Central Valley	1	Clear Lake (Nutrients)	Middle Creek	3	18.43	58,770	42%	0.13%	20.3%	11.25	153
North Coast	1	Big River (Sediment)	Big River	1	28.27	32,208	75%	0.13%	4.3%	6.33	154
North Coast	1	Ten Mile River (Sediment)	Tenmile River North Fork	4	16.68	24,987	75%	0.00%	0.0%	10.72	155
North Coast	1	Redwood Creek (Sediment)	Redwood Creek	2	26.34	61,395	60%	0.14%	15.8%	5.57	156
North Coast	2	Mad River (Sediment and Turbidity)	Mad River	6	23.11	56,906	89%	0.00%	0.0%	7.94	157
North Coast	1	Lower Eel River (Temperature and Sediment)	Larabee Creek	2	26.26	56,328	77%	0.00%	0.0%	8.42	158
North Coast	1	Mad River (Sediment and Turbidity)	Mad River	3	46.58	120,386	89%	0.00%	0.0%	7.64	159
North Coast	1 and 2	South Fork Trinity River and Hayfork Creek (Sediment)	Trinity River South Fork	1	30.49	129,203	30%	0.00%	100.0%	5.18	160

Legend/Assumptions

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Part B - Sediment/Nutrients/Mercury/Siltation/Turbidity

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part B - Impairment Status - Sediment/ Nutrients/ Mercury/ Siltation/ Turbidity[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank[7]
Central Coast	5	Morro Bay (includes Chorro Creek, Los Osos Creek, and the Morro Bay Estuary) (Sediment)	Morro Bay	1	14.25	6,917	50%	0.05%	0.0%	11.73	161
North Coast	1 and 2	Mad River (Sediment and Turbidity)	Pilot Creek	4	14.22	25,438	89%	0.00%	0.0%	7.38	162
North Coast	2	Scott River (Sediment and Temperature)	Scott River	2	24.55	244,774	63%	0.11%	8.7%	5.63	162
North Coast	2	Trinity River (Sediment)	Trinity River	4	31.48	182,276	52%	0.17%	11.3%	4.80	164
Lahontan	3	Truckee River (Sediment)	Little Truckee River	2	43.33	110,382	20%	0.06%	62.3%	6.81	165
North Coast	2	South Fork Trinity River and Hayfork Creek (Sediment)	Hay Fork Creek, Summit Creek	5	36.62	196,165	30%	0.07%	57.4%	5.99	166
North Coast	1	Upper Main Eel River and Tributaries including Tomki Creek, Outlet Creek, and Lake Pillsbury (Temperature and Sediment)	Tomki Creek	5	22.65	41,166	49%	0.00%	0.0%	12.45	167
North Coast	1	Van Duzen River and Yager Creek (Sediment)	Yager Creek, Indian Creek	6	32.17	60,826	37%	0.02%	44.7%	7.22	167
Central Coast	5	Morro Bay (includes Chorro Creek, Los Osos Creek, and the Morro Bay Estuary) (Sediment)	Osos Creek	3	10.40	14,635	50%	0.00%	0.0%	11.51	169
North Coast	1 and 4	Gualala River (Sediment)	Rockpile Creek	3	21.98	22,433	89%	0.00%	0.0%	5.07	170
North Coast	1	Gualala River (Sediment)	Gaulala River North Fork, Billings Creek	2	21.68	30,644	89%	0.00%	0.0%	4.95	171
North Coast	1 and 4	Gualala River (Sediment)	Buckeye Creek, Flat Ridge Creek	4	20.37	25,750	89%	0.00%	0.0%	4.59	172
North Coast	1	Garcia River (Sediment)	Garcia River	2	8.87	22,093	60%	0.00%	0.0%	7.50	173
North Coast	2	South Fork Trinity River and Hayfork Creek (Sediment)	Trinity RiverSouth Fork	2	26.80	88,797	30%	0.07%	38.6%	5.43	173
North Coast	1	Middle Fork Eel River (Temperature and Sediment)	Eel River Middle Fork	1	31.70	109,653	0%	0.06%	33.0%	7.14	175
North Coast	4	Gualala River (Sediment)	Wheatfield Fork Gualala River	5	34.68	71,518	89%	0.00%	0.0%	4.32	176
North Coast	1	Middle Fork Eel River (Temperature and Sediment)	Mill Creek, Cold Creek	3	19.41	63,811	0%	0.13%	5.1%	8.71	177

Legend/Assumptions

1. Reaches lengths as listed in TMDL Staff report or using HUC8/HUC12 data.
2. Reach subwatershed area delineate using GIS analysis.
3. Degree of impairment as measured by % pollution reduction needed to achieve TMDL WLA.
4. Based on highway centerline data. Impervious areas calculated based on number of lanes, 12 ft lanes with 8ft shoulder each side. Pervious area was estimated to be an additional 40%.
5. Caltrans impervious area within 0.25 mile of reach is based on GIS analysis. Using the Caltrans highway centerline data an offset of 0.25 mile from the reach was determined. Caltrans ROW area within the 0.25 mile offset was compared to total Caltrans ROW within the reach watershed to determine %
6. The estimate of environmental health was based on the California Office of Health Hazard Assessment (OEHHA) evaluation tool. (http://oehha.ca.gov/ej/ces11.html).
7. Categorical Reach Rank based on the following 4 factors: (i) Reach impairment status (%reduction needed) (ii) Department's drainage area contributing to reach (iii) Proximity to receiving waters (iv) Community environmental health impact. Lowest number means highest priority and higher number means lower priority. Numerical ranks were calculated for each factor. Factor ranks were them summed and ranked.

Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
Medium Rating	25 % - 75%	1% - 5%	25 % - 75%	Middle 4
Low Rating	Below 25%	Below 1%	Below 25%	Lower 3

CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part B - Sediment/Nutrients/Mercury/Siltation/Turbidity

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part B - Impairment Status - Sediment/ Nutrients/ Mercury/ Siltation/ Turbidity[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank[7]
North Coast	1 and 2	Van Duzen River and Yager Creek (Sediment)	Little Van Duzen River	3	15.82	37,140	37%	0.14%	15.8%	4.66	178
North Coast	1	Upper Main Eel River and Tributaries including Tomki Creek, Outlet Creek, and Lake Pillsbury (Temperature and Sediment)	Rice Fork	6	22.95	73,378	49%	0.00%	0.0%	8.02	179
North Coast	1 and 3	Upper Main Eel River and Tributaries including Tomki Creek, Outlet Creek, and Lake Pillsbury (Temperature and Sediment)	Eel River, Lake Pillsbury	7	39.31	123,226	49%	0.00%	0.0%	8.02	179
North Coast	1	Albion River (Sediment)	Albion River	2	9.82	19,454	69%	0.00%	0.0%	5.48	181
North Coast	1	Garcia River (Sediment)	Garcia River	3	16.78	21,000	60%	0.00%	0.0%	5.83	182
North Coast	1	Middle Fork Eel River (Temperature and Sediment)	Elk Creek	2	17.37	73,993	0%	0.00%	0.0%	11.92	183
North Coast	2	South Fork Trinity River and Hayfork Creek (Sediment)	Trinity River South Fork	3	28.97	100,730	30%	0.00%	0.0%	7.71	184
North Coast	1 and 2	Van Duzen River and Yager Creek (Sediment)	Van Duzen River	5	17.38	38,312	37%	0.00%	0.0%	7.07	184
North Coast	1 and 3	Middle Fork Eel River (Temperature and Sediment)	Black Butte River	4	26.79	103,661	0%	0.00%	0.0%	8.71	186
North Coast	1 and 2	Middle Fork Eel River (Temperature and Sediment)	Eel River Middle Fork	5	38.28	131,235	0%	0.00%	0.0%	8.03	187
North Coast	1	Van Duzen River and Yager Creek (Sediment)	Lawrence Creek, Painter Gulch	7	13.46	26,971	37%	0.00%	0.0%	2.71	188

Legend/Assumptions

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5. Caltrans impervious area within 0.25 mile of reach is based on GIS analysis. Using the Caltrans highway centerline data an offset of 0.25 mile from the reach was determined. Caltrans ROW area within the 0.25 mile offset was compared to total Caltrans ROW within the reach watershed to determine %
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Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
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CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part C - Metals/Toxics/Pesticides

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part C - Impairment Status - Metals/Toxics/Pesticides[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank
San Diego	11	Chollas Creek (Dissolved Copper, Lead and Zinc)	Chollas Creek	2	4.05	7,609	99%	2.16%	53.7%	37.21	1
San Diego	11	Chollas Creek (Dissolved Copper, Lead and Zinc)	Chollas Creek	1	6.25	10,511	99%	2.69%	36.5%	36.41	2
Los Angeles	7	Los Angeles River and Tributaries (Metals)	Los Angeles River Reach 2 (Carson to Figueroa)	2	6.55	9,432	77%	3.23%	62.6%	52.72	3
Los Angeles	7	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	Dominquez Channel	2	8.28	21,981	88%	2.20%	29.3%	51.96	4
Los Angeles	7	Los Angeles River and Tributaries (Metals)	Los Angeles River Reach 1	1	3.54	10,551	77%	1.87%	47.9%	51.11	5
Los Angeles	7	Santa Monica Bay (DDTs and PCBs)	Los Alisos Canyon Creek	10	2.90	948	100%	5.94%	49.8%	11.25	6
Los Angeles	7	Santa Monica Bay (DDTs and PCBs)	Pacific Ocean Beaches	2	1.58	1,262	100%	3.05%	50.0%	11.25	7
Santa Ana	12	Upper and Lower Newport Bay (Organochlorine Compounds (DDT, Chlordane, & PCBs))	Santa Ana Delhi Channel	3	6.82	10,968	93%	1.49%	34.8%	27.49	8
Los Angeles	7	Los Angeles River and Tributaries (Metals)	Los Angeles River Reach 3 & 4	4	13.49	32,017	77%	2.26%	36.3%	30.01	9
Los Angeles	7	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	San Gabriel River	2	18.85	8,659	77%	2.96%	25.7%	29.96	10
Los Angeles	7	Los Angeles River and Tributaries (Metals)	Los Angeles River Reach 2 (Carson to Figueroa)	3	12.04	35,984	77%	2.45%	15.8%	52.80	11
Los Angeles	7	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	Los Angeles & Long Beach Harbor	1	40.83	27,944	88%	1.70%	13.8%	40.03	12
Los Angeles	7	Los Angeles Area Echo Park Lake (Nitrogen, Phosphorus, Chlordane, Dieldrin, PCBs, and Trash)	Echo Park Lake	1	0.78	801	93%	2.21%	9.4%	40.99	13
Los Angeles	7	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	San Gabriel River	3	33.35	91,479	77%	1.44%	24.0%	45.50	14
Los Angeles	7	Machado Lake (Pesticides and PCBs)	Machado Lake	1	1.46	14,820	95%	1.73%	4.6%	46.98	15
Los Angeles	7	Santa Monica Bay (DDTs and PCBs)	Ballona Creek	6	10.44	83,820	100%	2.74%	2.7%	23.80	16
Los Angeles	7	Los Angeles Area Puddingstone Reservoir (Nitrogen, Phosphorus, Chlordane, DDT, PCBs, Mercury, Dieldrin)	Live Oak Wash, Puddingstone Reservoir	1	8.37	8,338	98.80%	1.48%	18.4%	23.40	16
Los Angeles	7	Dominguez Channel & Greater Los Angeles & Long Beach Harbor Waters (Metals (Cu, Pb, Zn), DDT, PAHs, and PCBs)	Dominquez Channel	3	6.74	26,318	88%	1.76%	8.2%	43.6	18
Santa Ana	12	Upper and Lower Newport Bay (Organochlorine Compounds (DDT, Chlordane, & PCBs))	Newport Bay, San Diego Creek	1	5.30	4,410	93%	2.00%	56.4%	12.44	18

Legend/Assumptions

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Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
Medium Rating	25 % - 75%	1% - 5%	25 % - 75%	Middle 4
Low Rating	Below 25%	Below 1%	Below 25%	Lower 3

CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part C - Metals/Toxics/Pesticides

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part C - Impairment Status - Metals/Toxics/Pesticides[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank
Los Angeles	7	Santa Monica Bay (DDTs and PCBs)	Pacific Ocean Beaches	1	21.83	44,735	100%	1.26%	39.9%	11.25	18
Los Angeles	7	Ballona Creek Estuary (Toxic Pollutants Ag, Cd, Cu, Pb, Zn, Chlordane, DDTs, Total PCBs, and Total PAHs)	Ballona Creek	1	2.31	2,288	99%	1.53%	24.8%	14.65	21
Los Angeles	7	Santa Monica Bay (DDTs and PCBs)	Pacific Ocean Beaches	4	8.52	19,770	100%	2.84%	12.0%	11.5	22
Los Angeles	7	Los Angeles Area Peck Road Park Lake (Nitrogen, Phosphorus, Chlordane, DDT, Dieldrin, PCBs, and Trash)	Rio Hondo, Peck Road Park Lake	1	9.48	8,765	92%	1.01%	15.6%	37.25	23
Los Angeles	7	Santa Monica Bay (DDTs and PCBs)	Topanga Canyon	11	8.93	12,583	100%	1.23%	43.7%	5.1	24
Los Angeles	7 and 12	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	San Gabriel River	1	8.53	6,121	77%	3.02%	33.0%	12.9	25
Los Angeles	7	Marina del Rey Harbor (Toxic Pollutants (Cu, Pb, Zn, Chlordane and Total PCBs))	Marina del Rey Harbor	1	9.23	1,880	96%	1.78%	16.7%	15.1	26
Santa Ana	12	San Diego Creek and Upper Newport Bay (Cadmium)	Santa Ana Delhi Channel	4	6.82	10,968	50%	1.49%	34.8%	27.5	27
Los Angeles	7	Los Angeles Area Peck Road Park Lake (Nitrogen, Phosphorus, Chlordane, DDT, Dieldrin, PCBs, and Trash)	Santa Anita Wash	2	7.55	14,945	92%	0.37%	64.9%	26.23	27
Los Angeles	7	Ballona Creek Estuary (Toxic Pollutants Ag, Cd, Cu, Pb, Zn, Chlordane, DDTs, Total PCBs, and Total PAHs)	Ballona Creek	2	6.58	79,506	99%	1.36%	5.0%	27.7	27
Santa Ana	12	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	Santa Ana Delhi Channel	5	6.82	10,968	50%	1.49%	34.8%	27.5	30
Los Angeles	7	Los Angeles River and Tributaries (Metals)	Arroyo Seco Reach 1 & 2	8	9.55	56,192	77%	0.77%	29.5%	32.4	31
Los Angeles	7	Santa Monica Bay (DDTs and PCBs)	Pacific Ocean Beaches	5	4.31	14,435	100%	1.43%	15.7%	12.5	32
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	Calleguas Creek and Estuary	1	1.39	22,848	99%	0.64%	7.8%	39.4	33
Los Angeles	7	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	San Jose Creek	5	13.35	56,087	77%	1.22%	11.3%	34.1	34
Los Angeles	7	Santa Monica Bay (DDTs and PCBs)	Pacific Ocean Beaches	8	2.74	4,373	100%	2.39%	10.0%	9.4	35
Los Angeles	7	Los Angeles River and Tributaries (Metals)	Compton Creek	6	8.51	28,061	77%	1.37%	8.5%	52.4	36
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	Conejo Creek, Arroyo Conejo	6	19.36	50,103	99%	0.67%	28.6%	15.4	36
Los Angeles	7	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	Ballona Creek	1	2.09	2,288	85%	1.53%	25.5%	14.6	38

Legend/Assumptions

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High Rating	Over 75%	Over 5%	Over 75%	Top 3
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CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part C - Metals/Toxics/Pesticides

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part C - Impairment Status - Metals/Toxics/Pesticides[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	Revolon Slough, Beardsley Wash	3	17.26	27,851	99%	0.51%	10.4%	27.3	38
Los Angeles	7	Los Angeles River and Tributaries (Metals)	Tujunga Wash	11	9.68	39,848	77%	1.16%	10.6%	33.7	40
Santa Ana	12	San Diego Creek Watershed (Organochlorine Compounds (DDT, Chlordane, PCBs, and Toxaphene))	Peters Canyon Wash	2	5.87	28,555	86%	1.58%	10.4%	18.1	40
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	Calleguas Creek	2	9.42	12,953	99%	1.09%	6.0%	24.1	42
Los Angeles	7	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	Sepulveda Canyon	3	0.83	14,978	85%	2.10%	0.0%	26.5	43
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	Calleguas Creek, Arroyo Las Posas	4	10.46	28,957	99%	0.49%	28.4%	15.2	44
San Francisco Bay	4	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	Petaluma River	5	23.18	76,599	93%	0.38%	23.5%	20.0	45
Los Angeles	7	Los Angeles River and Tributaries (Metals)	Burbank Western Channel	10	4.00	55,973	77%	0.52%	17.0%	33.0	46
Santa Ana	12	San Diego Creek Watershed (Organochlorine Compounds (DDT, Chlordane, PCBs, and Toxaphene))	San Diego Creek, Serrano Creek	1	19.88	47,708	86%	1.48%	10.8%	17.4	47
Santa Ana	12	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	Newport Bay, San Diego Creek	1	5.30	4,410	50%	2.00%	56.4%	12.4	48
Los Angeles	7	Los Angeles River and Tributaries (Metals)	Los Angeles River Reach 4, 5 & 6	5	13.50	73,299	77%	1.23%	12.1%	23.8	48
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Organochlorine Pesticides, PCBs, and Siltation)	Arroyo Simi	5	32.61	77,503	99%	0.38%	20.3%	16.2	50
Los Angeles	7	Los Angeles River and Tributaries (Metals)	Verdugo Wash Reach 1 & 2	9	9.56	64,543	77%	0.64%	25.7%	22.0	51
Los Angeles	7 and 12	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	Coyote Creek	6	3.90	96,386	77%	1.24%	7.7%	27.5	52
Los Angeles	7 and 12	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	San Gabriel River	4	20.22	151,754	77%	0.24%	22.5%	29.6	53
Los Angeles	7	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	Ballona Creek	2	6.54	64,530	85%	1.19%	7.2%	26.3	54
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Metals and Selenium)	Calleguas Creek and Estuary	1	1.39	22,848	84%	0.64%	7.8%	39.4	54
Los Angeles	7	Santa Monica Bay (DDTs and PCBs)	Pacific Ocean Beaches	7	3.52	2,708	100%	2.11%	0.0%	6.2	56
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Metals and Selenium)	Conejo Creek, Arroyo Conejo	6	19.36	50,109	84%	0.67%	28.7%	15.4	57

Legend/Assumptions

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Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
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CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part C - Metals/Toxics/Pesticides

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part C - Impairment Status - Metals/Toxics/Pesticides[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank
San Francisco Bay	4	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	Coyote Creek	1	55.10	489,986	93%	0.77%	5.8%	24.4	57
San Francisco Bay	4	San Francisco Bay (PCBs)	San Pablro Bay	11	18.01	10,763	70%	1.53%	41.6%	9.7	59
Los Angeles	7	Los Angeles River and Tributaries (Metals)	Arroyo Calabasas	14	6.79	7,673	77%	1.14%	15.2%	19.2	60
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Metals and Selenium)	Revolon Slough, Beardsley Wash	3	17.26	27,851	84%	0.51%	10.4%	27.3	61
Los Angeles	7	Los Angeles River and Tributaries (Metals)	Rio Hondo Reach 1	7	8.30	90,698	77%	0.98%	1.5%	41.9	62
San Francisco Bay	4	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	Novato Creek	8	41.61	175,071	93%	0.46%	11.9%	17.8	63
San Francisco Bay	4	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	San Lorenzo Creek, San Cantino Creek, Walnut Creek	3	30.85	210,770	93%	0.51%	19.7%	13.0	64
San Francisco Bay	4	San Francisco Bay (PCBs)	Arroyo Mocho	14	20.42	109,039	70%	1.03%	15.6%	21.17	65
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Metals and Selenium)	Calleguas Creek	2	9.42	12,953	84%	0.68%	9.6%	24.1	66
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Metals and Selenium)	Calleguas Creek, Arroyo Las Posas	4	10.46	28,950	84%	0.49%	28.4%	15.2	67
San Francisco Bay	4	San Francisco Bay (PCBs)	Conn Creek, Sage Creek	8	15.45	47,649	70%	0.20%	95.9%	19.9	68
Santa Ana	12	San Diego Creek and Upper Newport Bay (Cadmium)	Peters Canyon Channel	3	5.87	28,555	50%	1.58%	10.4%	18.1	69
Santa Ana	12	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	Peters Canyon Wash	4	5.87	28,555	50%	1.58%	10.4%	18.1	69
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Metals and Selenium)	Arroyo Simi	5	32.61	77,503	84%	0.38%	20.3%	16.2	71
San Francisco Bay	4	San Francisco Bay (PCBs)	San Francisco Bay	4	11.52	101,642	70%	0.74%	15.6%	20.6	72
Los Angeles	7	Los Angeles River and Tributaries (Metals)	Aliso Canyon Wash	12	10.13	13,320	77%	0.63%	8.9%	27.3	72
San Francisco Bay	4	San Francisco Bay (PCBs)	San Ramon Creek, Walnut Creek	1	60.59	263,776	70%	0.48%	16.5%	24.6	74
San Francisco Bay	4	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	Alameda Creek	2	44.57	247,607	93%	0.20%	19.7%	14.9	75

Legend/Assumptions

1. Reaches lengths as listed in TMDL Staff report or using HUC8/HUC12 data.
2. Reach subwatershed area delineate using GIS analysis.
3. Degree of impairment as measured by % pollution reduction needed to achieve TMDL WLA.
4. Based on highway centerline data. Impervious areas calculated based on number of lanes, 12 ft lanes with 8ft shoulder each side. Pervious area was estimated to be an additional 40%.
5. Caltrans impervious area within 0.25 mile of reach is based on GIS analysis. Using the Caltrans highway centerline data an offset of 0.25 mile from the reach was determined. Caltrans ROW area within the 0.25 mile offset was compared to total Caltrans ROW within the reach watershed to determine %
6. The estimate of environmental health was based on the California Office of Health Hazard Assessment (OEHHA) evaluation tool. (http://oehha.ca.gov/ej/ces11.html).
7. Categorical Reach Rank based on the following 4 factors: (i) Reach impairment status (%reduction needed) (ii) Department's drainage area contributing to reach (iii) Proximity to receiving waters (iv) Community environmental health impact. Lowest number means highest priority and higher number means lower priority. Numerical ranks were calculated for each factor. Factor ranks were them summed and ranked.

Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
Medium Rating	25 % - 75%	1% - 5%	25 % - 75%	Middle 4
Low Rating	Below 25%	Below 1%	Below 25%	Lower 3

CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part C - Metals/Toxics/Pesticides

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part C - Impairment Status - Metals/Toxics/Pesticides[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank
San Francisco Bay	4	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	Ledgewood Creek	4	25.25	100,894	93%	0.32%	7.4%	21.6	76
Santa Ana	12	San Diego Creek and Upper Newport Bay (Cadmium)	San Diego Creek 1, Serrano Creek	2	19.88	47,708	50%	1.48%	10.8%	17.4	77
San Francisco Bay	4	San Francisco Bay (PCBs)	San Francisco Bay	12	19.41	92,378	70%	0.71%	30.4%	14.4	77
Santa Ana	12	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	San Diego Creek, Serrano Creek	3	19.88	47,708	50%	1.48%	10.8%	17.4	79
Los Angeles	7	Santa Monica Bay (DDTs and PCBs)	Pacific Ocean Beaches	3	0.11	70,370	100%	0.80%	0.8%	11.3	80
Santa Ana	12	Upper and Lower Newport Bay (Organochlorine Compounds (DDT, Chlordane, & PCBs))	San Diego Creek	2	4.13	5,486	93%	0.80%	3.9%	16.0	81
San Francisco Bay	4	San Francisco Bay (PCBs)	Napa River	6	19.49	69,405	70%	0.80%	6.3%	24.8	82
Los Angeles	7	Santa Monica Bay (DDTs and PCBs)	Pacific Ocean Beaches	9	16.23	11,008	100%	0.28%	0.0%	16.4	83
Los Angeles	7	Los Cerritos (Metals)	Lost Cerritos Channel	1	7.08	17,725	74%	1.15%	9.1%	17.4	84
Los Angeles	7	Los Angeles River and Tributaries (Metals)	Bell Creek	13	9.87	16,265	77%	0.24%	17.1%	17.1	85
San Francisco Bay	4	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	Sleepy Hollow Creek, Corte Madera Creek	7	10.31	29,757	93%	0.52%	10.1%	5.7	86
San Francisco Bay	4	San Francisco Bay (PCBs)	Petaluma River,	10	35.32	180,971	70%	0.31%	12.3%	20.2	87
San Francisco Bay	4	San Francisco Bay (PCBs)	Arroyo Mocho	13	41.61	175,093	70%	0.46%	11.9%	17.8	88
San Francisco Bay	4	San Francisco Bay (PCBs)	San Ramon Creek, Arroyo de Laguna, Alameda Creek	3	41.48	566,046	70%	1.06%	0.8%	19.3	89
Los Angeles	7	Colorado Lagoon (Organochlorine Pesticides, PCBs, Sediment Toxicity, PAHs and Metals (Pb &Zn))	Colorado Lagoon	1	1.01	1,105	91%	1.18%	0.0%	10.7	90
San Francisco Bay	4	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	Novato Creek	6	18.38	63,747	93%	0.39%	7.0%	12.3	91
San Francisco Bay	4	San Francisco Bay (PCBs)	Napa River	7	41.95	152,716	70%	0.33%	9.1%	20.6	92

Legend/Assumptions

1. Reaches lengths as listed in TMDL Staff report or using HUC8/HUC12 data.
2. Reach subwatershed area delineate using GIS analysis.
3. Degree of impairment as measured by % pollution reduction needed to achieve TMDL WLA.
4. Based on highway centerline data. Impervious areas calculated based on number of lanes, 12 ft lanes with 8ft shoulder each side. Pervious area was estimated to be an additional 40%.
5. Caltrans impervious area within 0.25 mile of reach is based on GIS analysis. Using the Caltrans highway centerline data an offset of 0.25 mile from the reach was determined. Caltrans ROW area within the 0.25 mile offset was compared to total Caltrans ROW within the reach watershed to determine %
6. The estimate of environmental health was based on the California Office of Health Hazard Assessment (OEHHA) evaluation tool. (http://oehha.ca.gov/ej/ces11.html).
7. Categorical Reach Rank based on the following 4 factors: (i) Reach impairment status (%reduction needed) (ii) Department's drainage area contributing to reach (iii) Proximity to receiving waters (iv) Community environmental health impact. Lowest number means highest priority and higher number means lower priority. Numerical ranks were calculated for each factor. Factor ranks were them summed and ranked.

Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
Medium Rating	25 % - 75%	1% - 5%	25 % - 75%	Middle 4
Low Rating	Below 25%	Below 1%	Below 25%	Lower 3

CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part C - Metals/Toxics/Pesticides

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part C - Impairment Status - Metals/Toxics/Pesticides[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank
San Francisco Bay	4	San Francisco Bay (PCBs)	Alameda Creek	2	44.57	247,586	70%	0.20%	19.7%	14.9	92
San Francisco Bay	4	San Francisco Bay (PCBs)	Suisun Bay	5	24.65	385,916	70%	0.34%	1.9%	27.0	94
San Francisco Bay	4	San Francisco Bay (PCBs)	Sonoma Creek, Calabazas Creek	9	25.51	106,604	70%	0.28%	10.3%	16.7	95
Santa Ana	12	San Diego Creek and Upper Newport Bay (Cadmium)	San Diego Creek, Newport Bay	1	5.74	5,486	50%	0.80%	3.9%	16.1	96
Santa Ana	12	San Diego Creek and Newport Bay, including Rhine Channel (Metals (Cu, Pb, and Zn))	San Diego Creek	2	5.83	5,486	50%	0.80%	3.9%	16.0	97
Santa Ana	12	Rhine Channel Area of the Lower Newport Bay (Chromium and Mercury)	Rhine Channel	1	0.47	88	0%	0.00%	0.0%	12.53	98

Legend/Assumptions

1. Reaches lengths as listed in TMDL Staff report or using HUC8/HUC12 data.
2. Reach subwatershed area delineate using GIS analysis.
3. Degree of impairment as measured by % pollution reduction needed to achieve TMDL WLA.
4. Based on highway centerline data. Impervious areas calculated based on number of lanes, 12 ft lanes with 8ft shoulder each side. Pervious area was estimated to be an additional 40%.
5. Caltrans impervious area within 0.25 mile of reach is based on GIS analysis. Using the Caltrans highway centerline data an offset of 0.25 mile from the reach was determined. Caltrans ROW area within the 0.25 mile offset was compared to total Caltrans ROW within the reach watershed to determine %
6. The estimate of environmental health was based on the California Office of Health Hazard Assessment (OEHHA) evaluation tool. (http://oehha.ca.gov/ej/ces11.html).
7. Categorical Reach Rank based on the following 4 factors: (i) Reach impairment status (%reduction needed) (ii) Department's drainage area contributing to reach (iii) Proximity to receiving waters (iv) Community environmental health impact. Lowest number means highest priority and higher number means lower priority. Numerical ranks were calculated for each factor. Factor ranks were them summed and ranked.

Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
Medium Rating	25 % - 75%	1% - 5%	25 % - 75%	Middle 4
Low Rating	Below 25%	Below 1%	Below 25%	Lower 3

CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part D - Trash

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part D - Impairment Status - Trash[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank
Los Angeles	7	Los Angeles River (Trash)	Los Angeles River Reach 2 (Carson to Figueroa)	2	6.55	9,432	100%	3.23%	62.6%	52.72	1
Los Angeles	7	Los Angeles River (Trash)	Los Angeles River Reach 1	1	3.54	10,551	100%	1.87%	47.9%	51.11	2
Los Angeles	7	Legg Lake (Trash)	Legg Lake	1	0.68	1,249	100%	3.24%	13.8%	55.12	3
Los Angeles	7	Los Angeles River (Trash)	Los Angeles River Reach 2 (Carson to Figueroa)	3	12.04	35,984	100%	2.45%	15.8%	52.80	3
Los Angeles	7	Los Angeles River (Trash)	Los Angeles River Reach 3 & 4	4	13.49	32,017	100%	2.26%	36.3%	30.01	5
Los Angeles	7	Los Angeles Area Echo Park Lake (Nitrogen, Phosphorus, Chlordane, Dieldrin, PCBs, and Trash)	Echo Park Lake	1	0.78	801	100%	2.21%	9.4%	40.99	6
Los Angeles	7	Santa Monica Bay Nearshore & Offshore (Debris (trash & plastic pellets))	Westlake Lake	1	4.26	1,785	100%	1.30%	85.7%	13.69	7
Los Angeles	7	Los Angeles River (Trash)	Compton Creek	6	8.51	28,061	100%	1.37%	8.5%	52.38	8
Los Angeles	7	Santa Monica Bay Nearshore & Offshore (Debris (trash & plastic pellets))	Westlake Lake	2	6.01	3,688	100%	1.08%	77.7%	14.78	9
Los Angeles	7	Machado Lake (Trash)	Machado Lake	1	1.46	14,820	100%	1.73%	4.6%	46.98	10
Los Angeles	7	Los Angeles River (Trash)	Arroyo Seco Reach 1 & 2	8	9.55	56,192	100%	0.77%	29.5%	32.43	11
Los Angeles	7	Santa Monica Bay Nearshore & Offshore (Debris (trash & plastic pellets))	Marina del Rey Harbor	16	11.25	1,606	100%	2.09%	18.1%	15.15	11
Los Angeles	7	Los Angeles River (Trash)	Tujunga Wash	11	9.68	39,848	100%	1.16%	10.6%	33.69	13
Los Angeles	7	Los Angeles Area Peck Road Park Lake (Nitrogen, Phosphorus, Chlordane, DDT, Dieldrin, PCBs, and Trash)	Rio Hondo, Peck Road Park Lake	1	9.48	8,765	100%	1.01%	15.6%	37.25	13
Los Angeles	7	Malibu Creek Watershed (Trash)	Lindero Canyon	3	7.32	4,363	100%	1.06%	99.6%	11.61	15
Los Angeles	7	Los Angeles Area Peck Road Park Lake (Nitrogen, Phosphorus, Chlordane, DDT, Dieldrin, PCBs, and Trash)	Santa Anita Wash	2	7.55	14,945	100%	0.37%	64.9%	26.23	16
Los Angeles	7	Los Angeles River (Trash)	Los Angeles River Reach 4, 5 & 6	5	13.50	73,299	100%	1.23%	12.1%	23.81	17
Los Angeles	7	Los Angeles River (Trash)	Verdugo Wash Reach 1 & 2	9	9.56	64,543	100%	0.64%	25.7%	22.02	18
Los Angeles	7	Los Angeles River (Trash)	Arroyo Calabasas	14	6.79	7,673	100%	1.14%	15.2%	19.20	18
Los Angeles	7	Ballona Creek (Trash)	Ballona Creek	2	6.58	79,508	100%	1.36%	5.0%	27.25	18
Los Angeles	7	Ballona Creek (Trash)	Ballona Creek	1	2.31	4,312	100%	1.59%	12.7%	14.65	21
Los Angeles	7	Los Angeles River (Trash)	Burbank Western Channel	10	4.00	55,973	100%	0.52%	17.0%	33.00	22
Los Angeles	7	Santa Monica Bay Nearshore & Offshore (Debris (trash & plastic pellets))	Pacific Ocean Beaches	9	13.08	18,255	100%	0.89%	86.0%	11.25	22

Legend/Assumptions

1. Reaches lengths as listed in TMDL Staff report or using HUC8/HUC12 data.
2. Reach subwatershed area delineate using GIS analysis.
3. Degree of impairment as measured by % pollution reduction needed to achieve TMDL WLA.
4. Based on highway centerline data. Impervious areas calculated based on number of lanes, 12 ft lanes with 8ft shoulder each side. Pervious area was estimated to be an additional 40%.
5. Caltrans impervious area within 0.25 mile of reach is based on GIS analysis. Using the Caltrans highway centerline data an offset of 0.25 mile from the reach was determined. Caltrans ROW area within the 0.25 mile offset was compared to total Caltrans ROW within the reach watershed to determine %
6. The estimate of environmental health was based on the California Office of Health Hazard Assessment (OEHHA) evaluation tool. (http://oehha.ca.gov/ej/ces11.html).
7. Categorical Reach Rank based on the following 4 factors: (i) Reach impairment status (%reduction needed) (ii) Department's drainage area contributing to reach (iii) Proximity to receiving waters (iv) Community environmental health impact. Lowest number means highest priority and higher number means lower priority. Numerical ranks were calculated for each factor. Factor ranks were them summed and ranked.

Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
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Low Rating	Below 25%	Below 1%	Below 25%	Lower 3

CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part D - Trash

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part D - Impairment Status - Trash[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank
Los Angeles	7	Santa Monica Bay Nearshore & Offshore (Debris (trash & plastic pellets))	Pacific Ocean Beaches	12	4.42	9,121	100%	1.08%	28.0%	12.5	22
Los Angeles	7	Los Angeles River (Trash)	Rio Hondo Reach 1	7	8.30	90,698	100%	0.98%	1.5%	41.88	25
Los Angeles	5 and 7	Ventura River Estuary (Trash)	Ventura River	1	15.95	144,672	100%	0.30%	26.7%	19.0	26
Los Angeles	7	Santa Monica Bay Nearshore & Offshore (Debris (trash & plastic pellets))	Santa Monica Canyon, Mandeville Canyon	8	8.94	10,119	100%	0.14%	100.0%	12.7	26
Los Angeles	7	Santa Monica Bay Nearshore & Offshore (Debris (trash & plastic pellets))	Pacific Ocean Beaches	11	8.28	14,977	100%	0.84%	46.6%	11.38	28
Los Angeles	7	Los Angeles River (Trash)	Aliso Canyon Wash	12	10.13	13,320	100%	0.63%	8.9%	27.31	29
Los Angeles	7	Revolon Slough and Beardsley Wash (Trash)	Revolon Slough, Beardsley Wash	1	11.49	39,358	100%	0.61%	5.8%	32.7	30
Los Angeles	7	Santa Monica Bay Nearshore & Offshore (Debris (trash & plastic pellets))	Pacific Ocean Beaches	14	6.45	4,351	100%	1.20%	19.8%	9.4	30
Los Angeles	7	Santa Monica Bay Nearshore & Offshore (Debris (trash & plastic pellets))	Solstice Canyon Creek	6	5.04	2,871	100%	0.15%	100.0%	11.3	32
Los Angeles	7	Malibu Creek Watershed (Trash)	Las Virgenes Creek	5	11.62	15,581	100%	0.63%	24.9%	12.2	33
Los Angeles	7	Santa Monica Bay Nearshore & Offshore (Debris (trash & plastic pellets))	Portero Valley Creek	3	7.25	12,571	100%	0.27%	23.6%	16.8	33
Los Angeles	7	Malibu Creek Watershed (Trash)	Malibu Creek, Malibu Lake	1	11.91	13,974	100%	0.04%	96.6%	11.9	35
Los Angeles	7	Santa Monica Bay Nearshore & Offshore (Debris (trash & plastic pellets))	Topanga Canyon	7	7.65	12,586	100%	0.62%	74.5%	5.2	36
Los Angeles	7	Los Angeles River (Trash)	Bell Creek	13	9.87	16,265	100%	0.24%	17.1%	17.1	37
Los Angeles	7	Santa Monica Bay Nearshore & Offshore (Debris (trash & plastic pellets))	Palo Comando Canyon	5	6.76	5,346	100%	0.15%	91.1%	10.7	37
Los Angeles	7	Malibu Creek Watershed (Trash)	Medea Creek	4	7.97	11,276	100%	0.29%	30.9%	9.4	39
Los Angeles	7	Malibu Creek Watershed (Trash)	Triunfo Canyon	2	5.84	25,175	100%	0.39%	0.0%	13.8	40
Los Angeles	7	Santa Monica Bay Nearshore & Offshore (Debris (trash & plastic pellets))	Pacific Ocean Beaches	13	3.47	2,715	100%	1.04%	0.0%	6.2	41
Los Angeles	7	Santa Monica Bay Nearshore & Offshore (Debris (trash & plastic pellets))	Pacific Ocean Beaches	15	16.65	11,009	100%	0.14%	0.0%	16.4	42
Los Angeles	7	Santa Monica Bay Nearshore & Offshore (Debris (trash & plastic pellets))	Malibu Creek, Triunfo Canyon	4	5.67	7,579	100%	0.00%	0.0%	13.0	43
Los Angeles	7	Santa Monica Bay Nearshore & Offshore (Debris (trash & plastic pellets))	Stokes Canyon	10	5.08	8,224	100%	0.00%	0.0%	12.2	44

Legend/Assumptions

1. Reaches lengths as listed in TMDL Staff report or using HUC8/HUC12 data.
2. Reach subwatershed area delineate using GIS analysis.
3. Degree of impairment as measured by % pollution reduction needed to achieve TMDL WLA.
4. Based on highway centerline data. Impervious areas calculated based on number of lanes, 12 ft lanes with 8ft shoulder each side. Pervious area was estimated to be an additional 40%.
5. Caltrans impervious area within 0.25 mile of reach is based on GIS analysis. Using the Caltrans highway centerline data an offset of 0.25 mile from the reach was determined. Caltrans ROW area within the 0.25 mile offset was compared to total Caltrans ROW within the reach watershed to determine %
6. The estimate of environmental health was based on the California Office of Health Hazard Assessment (OEHHA) evaluation tool. (http://oehha.ca.gov/ej/ces11.html).
7. Categorical Reach Rank based on the following 4 factors: (i) Reach impairment status (%reduction needed) (ii) Department's drainage area contributing to reach (iii) Proximity to receiving waters (iv) Community environmental health impact. Lowest number means highest priority and higher number means lower priority. Numerical ranks were calculated for each factor. Factor ranks were them summed and ranked.

Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
Medium Rating	25 % - 75%	1% - 5%	25 % - 75%	Middle 4
Low Rating	Below 25%	Below 1%	Below 25%	Lower 3

CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part E - Bacteria

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part E - Impairment Status - Bacteria[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank
Los Angeles	7	Los Angeles River Watershed (Bacteria)	Los Angeles River Reach 2 (Carson to Figueroa)	2	6.55	9,432	89%	3.23%	62.6%	52.72	1
Los Angeles	7	Los Angeles River Watershed (Bacteria)	Los Angeles River Reach 1	1	3.54	10,551	92%	1.87%	47.9%	51.11	2
Los Angeles	7	Los Angeles River Watershed (Bacteria)	Los Angeles River Reach 2 (Carson to Figueroa)	3	12.04	35,984	89%	2.45%	15.8%	52.80	3
Los Angeles	7	Long Beach City Beaches and Los Angeles River Estuary (Indicator Bacteria)	Los Angeles River	2	3.77	5,058	81%	2.01%	31.3%	50.00	4
Los Angeles	7	Los Angeles River Watershed (Bacteria)	Los Angeles River Reach 3 & 4	4	13.49	32,017	72%	2.26%	36.3%	30.01	5
Los Angeles	7	Ballona Creek, Ballona Estuary, and Sepulveda Channel (Bacteria)	Ballona Creek	1	2.09	2,288	100%	1.53%	25.5%	14.58	6
San Diego	11	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	Chollas Creek	11	4.15	18,131	19%	2.47%	27.0%	35.7	7
Los Angeles	7	Ballona Creek, Ballona Estuary, and Sepulveda Channel (Bacteria)	Sepulveda Canyon	3	0.83	14,978	100%	2.10%	0.0%	26.53	7
Los Angeles	7	Santa Monica Bay Beaches (Bacteria)	Los Alisos Canyon Creek	10	2.90	948	64%	5.94%	49.8%	11.3	9
Los Angeles	7	Santa Monica Bay Beaches (Bacteria)	Pacific Ocean Beaches	2	1.58	1,262	64%	3.05%	50.0%	11.3	10
Los Angeles	7	Ballona Creek, Ballona Estuary, and Sepulveda Channel (Bacteria)	Ballona Creek	2	6.54	64,530	100%	1.19%	7.2%	26.31	10
Los Angeles	7	Malibu Creek Watershed (Bacteria)	Lindero Canyon	3	7.32	4,363	86%	1.06%	99.6%	11.6	12
Los Angeles	7	Los Angeles River Watershed (Bacteria)	Arroyo Seco Reach 1 & 2	8	9.55	56,192	69%	0.77%	29.5%	32.4	13
Los Angeles	7	Los Angeles River Watershed (Bacteria)	Verdugo Wash Reach 1 & 2	9	9.56	64,543	91%	0.64%	25.7%	22.0	13
Los Angeles	5 and 7	Santa Clara River Estuary & Reaches 3,5,6,7 (Coliform)	Sespe Creek, Adobe Creek	3	21.94	61,100	100%	0.21%	90.8%	13.38	15
Los Angeles	7	Los Angeles River Watershed (Bacteria)	Los Angeles River Reach 4, 5 & 6	5	13.50	73,299	88%	1.23%	12.1%	23.8	16
Los Angeles	7	Los Angeles River Watershed (Bacteria)	Arroyo Calabasas	14	6.79	7,673	92%	1.14%	15.2%	19.2	16
San Diego	11	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	Carmel Valley, Deer Canyon	7	10.38	12,189	19%	1.42%	72.5%	14.9	18
Los Angeles	7	Santa Clara River Estuary & Reaches 3,5,6,7 (Coliform)	Santa Clara River	1	23.50	115,444	100%	0.38%	9.4%	28.56	18

Legend/Assumptions

1. Reaches lengths as listed in TMDL Staff report or using HUC8/HUC12 data.
2. Reach subwatershed area delineate using GIS analysis.
3. Degree of impairment as measured by % pollution reduction needed to achieve TMDL WLA.
4. Based on highway centerline data. Impervious areas calculated based on number of lanes, 12 ft lanes with 8ft shoulder each side. Pervious area was estimated to be an additional 40%.
5. Caltrans impervious area within 0.25 mile of reach is based on GIS analysis. Using the Caltrans highway centerline data an offset of 0.25 mile from the reach was determined. Caltrans ROW area within the 0.25 mile offset was compared to total Caltrans ROW within the reach watershed to determine %
6. The estimate of environmental health was based on the California Office of Health Hazard Assessment (OEHHA) evaluation tool. (http://oehha.ca.gov/ej/ces11.html).
7. Categorical Reach Rank based on the following 4 factors: (i) Reach impairment status (%reduction needed) (ii) Department's drainage area contributing to reach (iii) Proximity to receiving waters (iv) Community environmental health impact. Lowest number means highest priority and higher number means lower priority. Numerical ranks were calculated for each factor. Factor ranks were them summed and ranked.

Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
Medium Rating	25 % - 75%	1% - 5%	25 % - 75%	Middle 4
Low Rating	Below 25%	Below 1%	Below 25%	Lower 3

CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part E - Bacteria

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part E - Impairment Status - Bacteria[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank
Los Angeles	7	Santa Monica Bay Beaches (Bacteria)	Ballona Creek	6	10.44	83,820	64%	2.74%	2.7%	23.8	20
Los Angeles	7	Marina del Rey Harbor, Mothers' Beach, and Back Basins (Bacteria)	Marina del Rey Harbor	1	9.23	1,880	75%	1.78%	16.7%	15.1	21
Los Angeles	7	Santa Clara River Estuary & Reaches 3,5,6,7 (Coliform)	Santa Clara River	4	11.01	57,062	100%	0.60%	13.1%	16.90	22
Los Angeles	7	Los Angeles River Watershed (Bacteria)	Rio Hondo Reach 1	7	8.30	90,698	83%	0.98%	1.5%	41.9	23
San Francisco Bay	4	San Pedro & Pacifica State Beach (Bacteria)	San Pedro Creek	1	4.19	5,253	100%	0.32%	63.3%	7.4	23
San Francisco Bay	4	Richardson Bay (Pathogens)	San Francisco Bay	1	18.01	10,763	74%	1.53%	41.6%	9.7	25
Los Angeles	7	Los Angeles River Watershed (Bacteria)	Aliso Canyon Wash	12	10.13	13,320	91%	0.63%	8.9%	27.3	26
Los Angeles	7	Los Angeles River Watershed (Bacteria)	Compton Creek	6	8.51	28,061	46%	1.37%	8.5%	52.4	27
Los Angeles	7	Santa Clara River Estuary & Reaches 3,5,6,7 (Coliform)	Castaic Creek	6	25.76	129,534	100%	0.18%	13.6%	21.62	27
San Diego	11	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	Soledad Canyon	9	6.01	11,246	19%	1.03%	34.8%	20.8	29
San Diego	8 and 12	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	Oso Creek	2	8.67	34,968	19%	0.79%	58.3%	15.3	30
Los Angeles	7	Santa Monica Bay Beaches (Bacteria)	Pacific Ocean Beaches	1	21.83	44,735	64%	1.26%	39.9%	11.3	30
Los Angeles	7	Los Angeles River Watershed (Bacteria)	Tujunga Wash	11	9.68	39,848	63%	1.16%	10.6%	33.7	32
Los Angeles	7	Los Angeles River Watershed (Bacteria)	Bell Creek	13	9.87	16,265	92%	0.24%	17.1%	17.1	33
San Diego	8 and 12	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	San Juan Creek, Morrell Canyon	3	26.99	97,359	19%	0.52%	40.9%	25.9	34
San Diego	11	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	San Marcos	13	1.88	914	19%	0.70%	67.3%	13.9	34
Los Angeles	7	Malibu Creek Watershed (Bacteria)	Malibu Creek, Malibu Lake	1	11.91	13,974	86%	0.04%	96.6%	11.9	36
Los Angeles	7	Los Angeles River Watershed (Bacteria)	Burbank Western Channel	10	4.00	55,973	46%	0.52%	17.0%	33.0	37
San Diego	12	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	Laguna Canyon	1	5.66	10,257	19%	1.75%	42.1%	10.7	38

Legend/Assumptions

1. Reaches lengths as listed in TMDL Staff report or using HUC8/HUC12 data.
2. Reach subwatershed area delineate using GIS analysis.
3. Degree of impairment as measured by % pollution reduction needed to achieve TMDL WLA.
4. Based on highway centerline data. Impervious areas calculated based on number of lanes, 12 ft lanes with 8ft shoulder each side. Pervious area was estimated to be an additional 40%.
5. Caltrans impervious area within 0.25 mile of reach is based on GIS analysis. Using the Caltrans highway centerline data an offset of 0.25 mile from the reach was determined. Caltrans ROW area within the 0.25 mile offset was compared to total Caltrans ROW within the reach watershed to determine %
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7. Categorical Reach Rank based on the following 4 factors: (i) Reach impairment status (%reduction needed) (ii) Department's drainage area contributing to reach (iii) Proximity to receiving waters (iv) Community environmental health impact. Lowest number means highest priority and higher number means lower priority. Numerical ranks were calculated for each factor. Factor ranks were them summed and ranked.

Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
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Low Rating	Below 25%	Below 1%	Below 25%	Lower 3

CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part E - Bacteria

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part E - Impairment Status - Bacteria[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank
Los Angeles	7	Santa Monica Bay Beaches (Bacteria)	Pacific Ocean Beaches	4	8.52	19,770	64%	2.84%	12.0%	11.5	38
Los Angeles	7	Santa Monica Bay Beaches (Bacteria)	Topanga Canyon	11	8.93	12,583	64%	1.23%	43.7%	5.1	38
Los Angeles	7	Santa Monica Bay Beaches (Bacteria)	Pacific Ocean Beaches	5	4.31	14,435	64%	1.43%	15.7%	12.5	41
Los Angeles	7	Santa Clara River Estuary & Reaches 3,5,6,7 (Coliform)	Sespe Creek	2	34.02	117,584	100%	0.08%	12.1%	17.94	41
Los Angeles	7	Malibu Creek Watershed (Bacteria)	Las Virgenes Creek	5	11.62	15,581	86%	0.63%	24.9%	12.2	43
San Diego	8 and 11	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	San Luis Rey River	4	36.81	191,841	19%	0.37%	25.1%	21.5	44
Los Angeles	7	Santa Monica Bay Beaches (Bacteria)	Pacific Ocean Beaches	8	2.74	4,373	64%	2.39%	10.0%	9.4	45
San Diego	11	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	Los Penasquitos Canyon	8	11.54	36,989	19%	0.67%	16.8%	16.2	46
Los Angeles	7	Malibu Creek Watershed (Bacteria)	Medea Creek	4	7.97	11,276	86%	0.29%	30.9%	9.4	47
San Diego	11	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	San Luis Rey River, Carrista Creek	5	24.39	166,874	19%	0.17%	41.3%	15.7	48
San Diego	11	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	San Diego River, Murphy Canyon	10	13.48	285,280	19%	0.58%	19.3%	14.9	49
San Diego	12	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	Aliso Creek	12	18.80	21,153	19%	0.66%	24.2%	12.5	50
Los Angeles	7	Long Beach City Beaches and Los Angeles River Estuary (Indicator Bacteria)	Los Angeles River Estuary	1	3.69	1,910	81%	0.00%	0.0%	26.6	50
Los Angeles	7	Santa Monica Bay Beaches (Bacteria)	Pacific Ocean Beaches	7	3.52	2,708	64%	2.11%	0.0%	6.2	52
San Diego	11	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	San Dieguito River, Santa Ysabel Creek, Clevenger	6	35.40	221,521	19%	0.30%	15.7%	19.9	53
Los Angeles	7	Malibu Creek Watershed (Bacteria)	Triunfo Canyon	2	5.84	25,175	86%	0.39%	0.0%	13.8	54
Colorado River	8 and 11	Coachella Valley Storm Water Channel (Bacterial Indicators)	Whitewater River	1	24.02	540,057	19%	0.25%	13.1%	32.7	55
Los Angeles	7	Santa Monica Bay Beaches (Bacteria)	Pacific Ocean Beaches	3	0.11	70,370	64%	0.80%	0.8%	11.25	56
Los Angeles	7	Santa Monica Bay Beaches (Bacteria)	Pacific Ocean Beaches	9	16.23	11,008	64%	0.28%	0.0%	16.43	57

Legend/Assumptions

1. Reaches lengths as listed in TMDL Staff report or using HUC8/HUC12 data.
2. Reach subwatershed area delineate using GIS analysis.
3. Degree of impairment as measured by % pollution reduction needed to achieve TMDL WLA.
4. Based on highway centerline data. Impervious areas calculated based on number of lanes, 12 ft lanes with 8ft shoulder each side. Pervious area was estimated to be an additional 40%.
5. Caltrans impervious area within 0.25 mile of reach is based on GIS analysis. Using the Caltrans highway centerline data an offset of 0.25 mile from the reach was determined. Caltrans ROW area within the 0.25 mile offset was compared to total Caltrans ROW within the reach watershed to determine %
6. The estimate of environmental health was based on the California Office of Health Hazard Assessment (OEHHA) evaluation tool. (http://oehha.ca.gov/ej/ces11.html).
7. Categorical Reach Rank based on the following 4 factors: (i) Reach impairment status (%reduction needed) (ii) Department's drainage area contributing to reach (iii) Proximity to receiving waters (iv) Community environmental health impact. Lowest number means highest priority and higher number means lower priority. Numerical ranks were calculated for each factor. Factor ranks were them summed and ranked.

Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
Medium Rating	25 % - 75%	1% - 5%	25 % - 75%	Middle 4
Low Rating	Below 25%	Below 1%	Below 25%	Lower 3

CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part E - Bacteria

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part E - Impairment Status - Bacteria[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank
Los Angeles	7	Santa Clara River Estuary & Reaches 3,5,6,7 (Coliform)	Bouquet Canyon	5	24.71	130,519	100%	0.13%	0.0%	9.63	57
San Diego	11	Project I - Revised Twenty Beaches and Creeks in the San Diego Region (including Tecolote Creek) (Indicator Bacteria)	Scripps	14	0.56	5,289	19%	0.00%	0.0%	12.89	59

Legend/Assumptions

1. Reaches lengths as listed in TMDL Staff report or using HUC8/HUC12 data.
2. Reach subwatershed area delineate using GIS analysis.
3. Degree of impairment as measured by % pollution reduction needed to achieve TMDL WLA.
4. Based on highway centerline data. Impervious areas calculated based on number of lanes, 12 ft lanes with 8ft shoulder each side. Pervious area was estimated to be an additional 40%.
5. Caltrans impervious area within 0.25 mile of reach is based on GIS analysis. Using the Caltrans highway centerline data an offset of 0.25 mile from the reach was determined. Caltrans ROW area within the 0.25 mile offset was compared to total Caltrans ROW within the reach watershed to determine %
6. The estimate of environmental health was based on the California Office of Health Hazard Assessment (OEHHA) evaluation tool. (http://oehha.ca.gov/ej/ces11.html).
7. Categorical Reach Rank based on the following 4 factors: (i) Reach impairment status (%reduction needed) (ii) Department's drainage area contributing to reach (iii) Proximity to receiving waters (iv) Community environmental health impact. Lowest number means highest priority and higher number means lower priority. Numerical ranks were calculated for each factor. Factor ranks were them summed and ranked.

Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
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Low Rating	Below 25%	Below 1%	Below 25%	Lower 3

CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part F - Diazinon

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part F - Impairment Status - Diazinon[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank
San Diego	11	Chollas Creek (Diazinon)	Chollas Creek	2	4.05	7,609	90%	2.16%	53.7%	37.21	1
San Diego	11	Chollas Creek (Diazinon)	Chollas Creek	1	6.25	10,511	90%	2.69%	36.5%	36.41	2
San Francisco Bay	4	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	Petaluma River	5	23.18	76,599	65%	0.38%	23.5%	20.0	3
San Francisco Bay	4	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	Coyote Creek	1	55.10	489,986	65%	0.77%	5.8%	24.4	3
San Francisco Bay	4	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	Novato Creek	8	41.61	175,071	65%	0.46%	11.9%	17.8	5
San Francisco Bay	4	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	San Lorenzo Creek, San Cantino Creek, Walnut Creek	3	30.85	210,770	65%	0.51%	19.7%	13.0	5
San Francisco Bay	4	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	Ledgewood Creek	4	25.25	100,894	65%	0.32%	7.4%	21.6	7
San Francisco Bay	4	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	Alameda Creek	2	44.57	247,607	65%	0.20%	19.7%	14.9	7
San Francisco Bay	4	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	Sleepy Hollow Creek, Corte Madera Creek	7	10.31	29,757	65%	0.52%	10.1%	5.7	7
San Francisco Bay	4	San Francisco Bay Urban Creeks (Diazinon and Pesticide Toxicity)	Novato Creek	6	18.38	63,747	65%	0.39%	7.0%	12.3	10

Legend/Assumptions

1. Reaches lengths as listed in TMDL Staff report or using HUC8/HUC12 data.
2. Reach subwatershed area delineate using GIS analysis.
3. Degree of impairment as measured by % pollution reduction needed to achieve TMDL WLA.
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5. Caltrans impervious area within 0.25 mile of reach is based on GIS analysis. Using the Caltrans highway centerline data an offset of 0.25 mile from the reach was determined. Caltrans ROW area within the 0.25 mile offset was compared to total Caltrans ROW within the reach watershed to determine %
6. The estimate of environmental health was based on the California Office of Health Hazard Assessment (OEHHA) evaluation tool. (http://oehha.ca.gov/ej/ces11.html).
7. Categorical Reach Rank based on the following 4 factors: (i) Reach impairment status (%reduction needed) (ii) Department's drainage area contributing to reach (iii) Proximity to receiving waters (iv) Community environmental health impact. Lowest number means highest priority and higher number means lower priority. Numerical ranks were calculated for each factor. Factor ranks were them summed and ranked.

Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
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Low Rating	Below 25%	Below 1%	Below 25%	Lower 3

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ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part G -Selenium

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part G - Impairment Status - Selenium[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank
Los Angeles	7	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	San Gabriel River	2	18.85	8,659	14%	2.96%	25.7%	29.96	1
Los Angeles	7	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	San Gabriel River	3	33.35	91,479	14%	1.44%	24.0%	45.50	2
Los Angeles	7 and 12	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	San Gabriel River	1	8.53	6,121	14%	3.02%	33.0%	12.9	3
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Metals and Selenium)	Conejo Creek, Arroyo Conejo	6	19.36	50,109	89%	0.67%	28.7%	15.4	4
Los Angeles	7	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	San Jose Creek	5	13.35	56,087	14%	1.22%	11.3%	34.1	5
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Metals and Selenium)	Calleguas Creek and Estuary	1	1.39	22,848	89%	0.64%	7.8%	39.4	5
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Metals and Selenium)	Revolon Slough, Beardsley Wash	3	17.26	27,851	89%	0.51%	10.4%	27.3	7
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Metals and Selenium)	Calleguas Creek, Arroyo Las Posas	4	10.46	28,950	89%	0.49%	28.4%	15.2	7
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Metals and Selenium)	Calleguas Creek	2	9.42	12,953	89%	0.68%	9.6%	24.1	9
Los Angeles	7 and 12	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	Coyote Creek	6	3.90	96,386	14%	1.24%	7.7%	27.5	10
Los Angeles	7 and 12	San Gabriel River (Metals (Cu, Pb, Zn) and Selenium)	San Gabriel River	4	20.22	151,754	14%	0.24%	22.5%	29.6	11
Los Angeles	7	Calleguas Creeks, its Tributaries and Mugu Lagoon (Metals and Selenium)	Arroyo Simi	5	32.61	77,503	89%	0.38%	20.3%	16.2	11
Los Angeles	7	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	Ballona Creek	1	2.09	2,288	4%	1.53%	25.5%	14.6	13
Los Angeles	7	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	Sepulveda Canyon	3	0.83	14,978	4%	2.10%	0.0%	26.5	14
Los Angeles	7	Ballona Creek (Metals (Ag, Cd, Cu, Pb, Zn) and Selenium)	Ballona Creek	2	6.54	64,530	4%	1.19%	7.2%	26.3	15

Legend/Assumptions

1. Reaches lengths as listed in TMDL Staff report or using HUC8/HUC12 data.
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6. The estimate of environmental health was based on the California Office of Health Hazard Assessment (OEHHA) evaluation tool. (http://oehha.ca.gov/ej/ces11.html).
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High Rating	Over 75%	Over 5%	Over 75%	Top 3
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ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part H - Temperature

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part H - Impairment Status - Temperature[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Klamath River	22	5.59	11,393	83%	0.78%	85.5%	13.0	1
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Yreka Creek	19	11.84	33,554	83%	0.66%	76.3%	15.4	2
North Coast	2	Shasta River (Dissolved Oxygen and Temperature)	Yreka Creek	2	11.83	32,791	90%	0.63%	74.5%	15.4	3
North Coast	1	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Willow Creek	3	10.68	27,791	83%	0.29%	99.2%	7.5	4
North Coast	1	Upper Main Eel River and Tributaries including Tomki Creek, Outlet Creek, and Lake Pillsbury (Temperature and Sediment)	Long Valley Creek	3	8.55	17,060	21%	0.51%	93.8%	12.0	5
North Coast	2	Shasta River (Dissolved Oxygen and Temperature)	Shasta River	3	19.09	78,379	90%	0.20%	8.4%	17.23	6
North Coast	2	Shasta River (Dissolved Oxygen and Temperature)	Shasta River	1	36.35	394,376	90%	0.15%	15.0%	15.81	7
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Lower Klamath River	25	11.38	229,916	83%	0.07%	61.6%	16.6	8
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Shasta River, Dale Creek	20	19.09	78,379	83%	0.20%	8.4%	17.2	8
North Coast	1	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Klamath River	1	44.38	318,287	83%	0.11%	54.6%	13.3	10
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Shasta River	18	36.31	393,610	83%	0.15%	12.7%	15.8	10
North Coast	1 and 2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Trinity River	2	31.19	216,335	83%	0.11%	83.2%	8.8	12
North Coast	1	Navarro River (Sediment and Temperature)	Anderson Creek, Soda Creek	4	14.25	29,461	79%	0.42%	60.5%	11.3	13
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Cottonwood Creek, Hutton Creek, Miller Gulch	23	9.71	40,700	83%	0.26%	24.0%	10.3	14
North Coast	1	Upper Main Eel River and Tributaries including Tomki Creek, Outlet Creek, and Lake Pillsbury (Temperature and Sediment)	Outlet Creek	2	28.69	86,540	21%	0.33%	65.4%	12.7	15
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Little Grass Valley Creek	12	12.08	23,610	83%	0.30%	95.4%	4.6	16
North Coast	1 and 2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Klamath River	21	135.71	1,433,421	83%	0.07%	95.0%	8.2	17
North Coast	1	Navarro River (Sediment and Temperature)	Rancheria Creek	6	7.17	23,912	79%	0.22%	92.7%	8.8	18

Legend/Assumptions

1. Reaches lengths as listed in TMDL Staff report or using HUC8/HUC12 data.
2. Reach subwatershed area delineate using GIS analysis.
3. Degree of impairment as measured by % pollution reduction needed to achieve TMDL WLA.
4. Based on highway centerline data. Impervious areas calculated based on number of lanes, 12 ft lanes with 8ft shoulder each side. Pervious area was estimated to be an additional 40%.
5. Caltrans impervious area within 0.25 mile of reach is based on GIS analysis. Using the Caltrans highway centerline data an offset of 0.25 mile from the reach was determined. Caltrans ROW area within the 0.25 mile offset was compared to total Caltrans ROW within the reach watershed to determine %
6. The estimate of environmental health was based on the California Office of Health Hazard Assessment (OEHHA) evaluation tool. (http://oehha.ca.gov/ej/ces11.html).
7. Categorical Reach Rank based on the following 4 factors: (i) Reach impairment status (%reduction needed) (ii) Department's drainage area contributing to reach (iii) Proximity to receiving waters (iv) Community environmental health impact. Lowest number means highest priority and higher number means lower priority. Numerical ranks were calculated for each factor. Factor ranks were them summed and ranked.

Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
Medium Rating	25 % - 75%	1% - 5%	25 % - 75%	Middle 4
Low Rating	Below 25%	Below 1%	Below 25%	Lower 3

CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part H - Temperature

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part H - Impairment Status - Temperature[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank
North Coast	1	South Fork Eel River (Temperature and Sediment)	Rattlesnake Creek	4	8.61	24,680	8%	0.41%	99.2%	9.5	19
North Coast	1	Upper Main Eel River and Tributaries including Tomki Creek, Outlet Creek, and Lake Pillsbury (Temperature and Sediment)	Eel River	1	6.81	11,693	21%	0.45%	100.0%	6.5	19
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Rattlesnake Creek, Bone Gulch	7	9.23	29,928	83%	0.21%	62.9%	6.5	21
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Lower Klamath River	26	31.88	859,431	83%	0.04%	12.5%	17.1	21
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Salt Creek, Ditch Gulch	9	14.68	51,780	83%	0.28%	50.3%	6.5	23
North Coast	1	Navarro River (Sediment and Temperature)	Navarro River	1	27.94	40,581	79%	0.39%	59.2%	8.4	24
North Coast	1	Navarro River (Sediment and Temperature)	South Branch North Fork Navarro River	2	21.90	47,466	79%	0.12%	74.7%	11.1	24
North Coast	2	Scott River (Sediment and Temperature)	Scott River	1	31.94	174,071	100%	0.00%	100.0%	5.79	26
North Coast	2	Scott River (Sediment and Temperature)	Scott Rivier South Fork	3	11.38	28,216	100%	0.00%	100.0%	4.79	26
North Coast	1	Lower Eel River (Temperature and Sediment)	Eel River	1	44.52	134,774	17%	0.40%	31.5%	12.7	28
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Trinity River, Clair Engle Lake	13	157.88	451,177	83%	0.08%	60.2%	7.4	29
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Trinity River	10	59.92	410,983	83%	0.09%	85.4%	5.6	30
North Coast	1	Upper Main Eel River and Tributaries including Tomki Creek, Outlet Creek, and Lake Pillsbury (Temperature and Sediment)	Eel River	4	42.77	100,628	21%	0.00%	100.0%	10.3	31
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Scott River	17	31.94	174,071	83%	0.00%	100.0%	5.8	31
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Scott River South Fork	15	11.20	28,216	83%	0.00%	100.0%	4.8	33
North Coast	2	Scott River (Sediment and Temperature)	Scott River East Fork	4	16.29	74,031	100%	0.09%	36.8%	6.74	34
North Coast	1	Navarro River (Sediment and Temperature)	Rancheria Creek	5	20.54	35,389	79%	0.05%	86.8%	9.4	35
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Klamath River	24	31.54	577,482	83%	0.04%	0.0%	12.34	36

Legend/Assumptions

1. Reaches lengths as listed in TMDL Staff report or using HUC8/HUC12 data.
2. Reach subwatershed area delineate using GIS analysis.
3. Degree of impairment as measured by % pollution reduction needed to achieve TMDL WLA.
4. Based on highway centerline data. Impervious areas calculated based on number of lanes, 12 ft lanes with 8ft shoulder each side. Pervious area was estimated to be an additional 40%.
5. Caltrans impervious area within 0.25 mile of reach is based on GIS analysis. Using the Caltrans highway centerline data an offset of 0.25 mile from the reach was determined. Caltrans ROW area within the 0.25 mile offset was compared to total Caltrans ROW within the reach watershed to determine %
6. The estimate of environmental health was based on the California Office of Health Hazard Assessment (OEHHA) evaluation tool. (http://oehha.ca.gov/ej/ces11.html).
7. Categorical Reach Rank based on the following 4 factors: (i) Reach impairment status (%reduction needed) (ii) Department's drainage area contributing to reach (iii) Proximity to receiving waters (iv) Community environmental health impact. Lowest number means highest priority and higher number means lower priority. Numerical ranks were calculated for each factor. Factor ranks were them summed and ranked.

Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
Medium Rating	25 % - 75%	1% - 5%	25 % - 75%	Middle 4
Low Rating	Below 25%	Below 1%	Below 25%	Lower 3

CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part H - Temperature

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part H - Impairment Status - Temperature[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank
North Coast	1 and 2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Trinity River South Fork	4	31.21	129,203	83%	0.00%	100.0%	5.2	37
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Scott River East Fork	14	16.29	74,031	83%	0.09%	37.3%	6.7	38
North Coast	1	South Fork Eel River (Temperature and Sediment)	Eel River South Fork	1	16.87	80,176	8%	0.34%	88.8%	6.6	39
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Hayfork Creek, Summit Creek	8	36.37	196,165	83%	0.07%	57.4%	6.0	39
North Coast	1	Navarro River (Sediment and Temperature)	Indian Creek	3	13.21	25,292	79%	0.03%	55.9%	11.26	41
North Coast	2	Scott River (Sediment and Temperature)	Scott River	2	24.55	244,774	100%	0.11%	8.7%	5.63	41
North Coast	1	South Fork Eel River (Temperature and Sediment)	Eel River South Fork	2	51.39	230,456	8%	0.26%	78.9%	7.2	43
North Coast	1	South Fork Eel River (Temperature and Sediment)	Tenmile Creek	5	19.74	41,822	8%	0.22%	47.8%	9.8	43
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Trinity River	11	31.48	182,276	83%	0.17%	11.3%	4.80	45
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Trinity River South Fork	5	26.87	88,797	83%	0.07%	38.6%	5.4	46
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Scott River	16	24.55	244,738	83%	0.11%	8.7%	5.63	47
North Coast	1	South Fork Eel River (Temperature and Sediment)	Eel River South Fork	3	37.14	64,063	8%	0.14%	48.9%	9.3	48
North Coast	2	Klamath River in California (Temperature, Dissolved Oxygen, Nutrient, and Microcystin)	Trinity River South Fork	6	28.97	100,730	83%	0.00%	0.0%	7.71	49
North Coast	1	Middle Fork Eel River (Temperature and Sediment)	Mill Creek, Cold Creek	3	19.41	63,811	9%	0.13%	5.1%	8.71	50
North Coast	1	Upper Main Eel River and Tributaries including Tomki Creek, Outlet Creek, and Lake Pillsbury (Temperature and Sediment)	Tomki Creek	5	22.65	41,166	21%	0.00%	0.0%	12.45	51
North Coast	1	Middle Fork Eel River (Temperature and Sediment)	Elk Creek	2	17.37	73,993	9%	0.00%	0.0%	11.92	52
North Coast	1	Middle Fork Eel River (Temperature and Sediment)	Eel River Middle Fork	1	31.70	109,653	9%	0.06%	33.0%	7.14	53
North Coast	1	Upper Main Eel River and Tributaries including Tomki Creek, Outlet Creek, and Lake Pillsbury (Temperature and Sediment)	Rice Fork	6	22.95	73,378	21%	0.00%	0.0%	8.02	54

Legend/Assumptions

1. Reaches lengths as listed in TMDL Staff report or using HUC8/HUC12 data.
2. Reach subwatershed area delineate using GIS analysis.
3. Degree of impairment as measured by % pollution reduction needed to achieve TMDL WLA.
4. Based on highway centerline data. Impervious areas calculated based on number of lanes, 12 ft lanes with 8ft shoulder each side. Pervious area was estimated to be an additional 40%.
5. Caltrans impervious area within 0.25 mile of reach is based on GIS analysis. Using the Caltrans highway centerline data an offset of 0.25 mile from the reach was determined. Caltrans ROW area within the 0.25 mile offset was compared to total Caltrans ROW within the reach watershed to determine %
6. The estimate of environmental health was based on the California Office of Health Hazard Assessment (OEHHA) evaluation tool. (http://oehha.ca.gov/ej/ces11.html).
7. Categorical Reach Rank based on the following 4 factors: (i) Reach impairment status (%reduction needed) (ii) Department's drainage area contributing to reach (iii) Proximity to receiving waters (iv) Community environmental health impact. Lowest number means highest priority and higher number means lower priority. Numerical ranks were calculated for each factor. Factor ranks were them summed and ranked.

Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
Medium Rating	25 % - 75%	1% - 5%	25 % - 75%	Middle 4
Low Rating	Below 25%	Below 1%	Below 25%	Lower 3

CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part H - Temperature

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part H - Impairment Status - Temperature[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank
North Coast	1 and 3	Upper Main Eel River and Tributaries including Tomki Creek, Outlet Creek, and Lake Pillsbury (Temperature and Sediment)	Eel River, Lake Pillsbury	7	39.31	123,226	21%	0.00%	0.0%	8.02	54
North Coast	1 and 3	Middle Fork Eel River (Temperature and Sediment)	Black Butte River	4	26.79	103,661	9%	0.00%	0.0%	8.71	56
North Coast	1	Lower Eel River (Temperature and Sediment)	Larabee Creek	2	26.26	56,328	17%	0.00%	0.0%	8.42	57
North Coast	1 and 2	Middle Fork Eel River (Temperature and Sediment)	Eel River Middle Fork	5	38.28	131,235	9%	0.00%	0.0%	8.03	58

Legend/Assumptions

1. Reaches lengths as listed in TMDL Staff report or using HUC8/HUC12 data.
2. Reach subwatershed area delineate using GIS analysis.
3. Degree of impairment as measured by % pollution reduction needed to achieve TMDL WLA.
4. Based on highway centerline data. Impervious areas calculated based on number of lanes, 12 ft lanes with 8ft shoulder each side. Pervious area was estimated to be an additional 40%.
5. Caltrans impervious area within 0.25 mile of reach is based on GIS analysis. Using the Caltrans highway centerline data an offset of 0.25 mile from the reach was determined. Caltrans ROW area within the 0.25 mile offset was compared to total Caltrans ROW within the reach watershed to determine %
6. The estimate of environmental health was based on the California Office of Health Hazard Assessment (OEHHA) evaluation tool. (http://oehha.ca.gov/ej/ces11.html).
7. Categorical Reach Rank based on the following 4 factors: (i) Reach impairment status (%reduction needed) (ii) Department's drainage area contributing to reach (iii) Proximity to receiving waters (iv) Community environmental health impact. Lowest number means highest priority and higher number means lower priority. Numerical ranks were calculated for each factor. Factor ranks were them summed and ranked.

Criteria	Impairment Status: Percent reduction needed	Department's Drainage Area contributing to reach	Proximity to receiving waters: Percent of ROW within 0.25 miles	Community Environmental Health Impact Category
High Rating	Over 75%	Over 5%	Over 75%	Top 3
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Low Rating	Below 25%	Below 1%	Below 25%	Lower 3

CALTRANS NPDES PERMIT ORDER NO 2012-0011-DWQ-CAS000003
ATTACHMENT IV- PRIORITIZED CATEGORICAL INVENTORY OF REACHES

Part I - Chloride

Last Updated: September 3, 2014

Regional Board	District	Total Maximum Daily Load	Reach Name	Reach Number	Reach Length (miles)[1]	Reach Subwatershed Area (acres)[2]	Part I - Impairment Status - Chloride[3]	CT ROW Contributing to Reach[4]	Proximity to Receiving Waters[5]	Community Environmental Health Impact[6]	Pollutant Category Rank
Los Angeles	7	Santa Clara River Reach 3 (Chloride)	Santa Clara River	1	10.82	71,151	20%	0.29%	9.4%	28.9	1
Los Angeles	5 and 7	Santa Clara River Reach 3 (Chloride)	Sespe Creek, Adobe Creek	3	21.94	61,100	20%	0.21%	90.8%	13.4	2
Los Angeles	7	Upper Santa Clara River (Chloride)	Castiaic Creek, Salt Creek	2	25.65	135,302	0%	0.26%	13.2%	21.66	3
Los Angeles	7	Santa Clara River Reach 3 (Chloride)	Sespe Creek	2	34.02	117,584	20%	0.08%	12.1%	17.94	4
Los Angeles	7	Upper Santa Clara River (Chloride)	Santa Clara	1	11.34	129,549	0%	0.18%	14.3%	17.01	5

Legend/Assumptions

1. Reaches lengths as listed in TMDL Staff report or using HUC8/HUC12 data.
2. Reach subwatershed area delineate using GIS analysis.
3. Degree of impairment as measured by % pollution reduction needed to achieve TMDL WLA.
4. Based on highway centerline data. Impervious areas calculated based on number of lanes, 12 ft lanes with 8ft shoulder each side. Pervious area was estimated to be an additional 40%.
5. Caltrans impervious area within 0.25 mile of reach is based on GIS analysis. Using the Caltrans highway centerline data an offset of 0.25 mile from the reach was determined. Caltrans ROW area within the 0.25 mile offset was compared to total Caltrans ROW within the reach watershed to determine %
6. The estimate of environmental health was based on the California Office of Health Hazard Assessment (OEHHA) evaluation tool. (http://oehha.ca.gov/ej/ces11.html).
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High Rating	Over 75%	Over 5%	Over 75%	Top 3
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Low Rating	Below 25%	Below 1%	Below 25%	Lower 3