

CWA Section 401 Water Quality Certification Program

Division of Water Quality

Annual Report 2006





√ Impacts Summary by Region

√ Annual Trends

√ Discharges by Project Type

The State Water Board Certification and Wetlands Program Annual Report contains summary information for permanent and temporary impacts for five waterbody types, including wetland, streambed, lake, ocean, and riparian. Please direct any questions regarding this report to Catherine Woody at CWoody@waterboards.ca.gov.

Table 1 - Impacts Summary by Region*
2006

		Permanent Dredge Impacts	Permanent Fill Impacts						Compensatory Mitigation for All Types	
Region	Number Of Projects	Thousands of Cubic Yards	Wetland Acres	Riparian Acres	Streambed Acres	Lake Acres	Ocean Acres	Total Permanent Acres	Compensatory Mitigation	Compensation Mitigation Ratio
1	122	187	14.46	2.21	9.04	3.00	0.00	29.26	26.23	0.90
2	181	2,458	29.77	0.56	1.09	0.09	2.02	33.53	97.74	2.92
3	88	313	1.66	2.50	4.14	0.00	0.80	9.10	28.99	3.19
4	88	0	1.56	10.63	62.63	0.14	0.83	75.78	157.14	2.07
5F	24	0	7.06	0.08	0.70	0.00	0.00	7.84	79.55	10.15
5R	72	1	11.46	2.11	5.25	3.04	0.00	21.85	68.69	3.14
5S	242	519	148.38	20.87	58.68	0.74	0.00	228.67	838.75	3.67
6T	74	42	56.28	6.00	12.02	0.02	0.00	74.31	44.97	0.61
6V	1	0	8.31	0.00	0.00	0.00	0.00	8.31	12.87	1.55
7	25	0	0.82	0.58	1.93	0.00	0.00	3.33	45.16	13.56
8	112	13	7.89	16.75	39.31	5.84	1.22	71.58	242.87	3.39
9	64	14	4.12	3.04	7.67	9.16	0.90	24.89	86.30	3.47
SB	1	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	1,094	3,548	291.77	65.33	202.46	22.03	5.77	588.45	1,729.27	2.94

* Does not include restoration projects. See Table 3 for restoration impacts.

Table 2 - Annual Trends*
2004 - 2006

Region	2006			2005			2004		
	Number Of Projects	Total Permanent Dredge (Thousands of Cubic Yards)	Total Permanent Fill (Acres)	Number Of Projects	Total Permanent Dredge (Thousands of Cubic Yards)	Total Permanent Fill (Acres)	Number Of Projects	Total Permanent Dredge (Thousands of Cubic Yards)	Total Permanent Fill (Acres)
1	122	187.40	29.26	81	25.00	16.03	103	136.65	13.86
2	181	2,458.44	33.53	200	1,789.90	38.27	219	665.13	34.91
3	88	312.51	9.10	80	620.00	7.49	115	360.00	75.52
4	88	0.00	75.78	153	0.00	68.47	121	215.68	46.15
5F	24	0.00	7.84	31	0.00	15.23	31	0.00	2.97
5R	72	1.47	21.85	83	1.00	28.28	73	0.00	16.62
5S	242	519.22	228.67	235	852.35	152.25	317	29.00	159.72
6T	74	42.00	74.31	21	2.40	2.15	26	0.00	9.47
6V	1	0.00	8.31	16	0.00	54.51	15	0.00	2.00
7	25	0.00	3.33	22	0.00	113.31	18	1,250.00	60.60
8	112	13.06	71.58	170	222.03	71.46	96	0.00	63.82
9	64	14.21	24.89	102	0.00	32.81	104	55.00	15.06
SB	1	0.00	0.00	3	0.00	0.00	6	0.00	0.00
Total	1,094	3,548.30	588.45	1,197	3,512.68	600.24	1,244	2,711.46	500.70

* Does not include restoration projects. See Table 3 for restoration impacts.

Table 3 - Discharges by Project Type
2006

Project Purpose	No. of Projects	Dredge Volume (Thousands of Cubic Yards)*	Permanent Fill Acres*	Temporary Fill Acres*	Percent of Fill Acres
Agricultural (AG)	6	0.00	0.01	6.50	0%
Beach Enrichment (BEACH)	16	97.21	1.67	7.82	0%
Boating Navigation (BOAT)	57	2,857.53	16.28	18.22	1%
Channel Flood Control (CHFC)	45	216.00	59.22	8.25	3%
Channel Stabilization (CHSTBL)	188	120.57	64.44	129.63	3%
Construction (CONST)	26	25.37	2.14	15.71	0%
Dam Construction Repair (DAMS)	13	0.00	10.42	4.41	0%
Data Collection (DATA)	7	0.06	0.77	0.25	0%
Diversion Structures (DIV)	2	0.00	9.33	0.00	0%
Golf Course (GOLF)	2	0.00	3.55	0.04	0%
Hydroelectric Facility (HYDRO)	0	0.00	0.00	0.00	0%
Gravel Extraction Mining (MINE)	2	0.00	35.00	10.00	2%
Mitigation Activities (MITI)	2	0.00	0.00	0.02	0%
Discharges Not Otherwise Categorized	3	0.00	16.55	0.00	1%
Outfall Structure (OUTF)	66	0.15	11.40	1.82	0%
Recreational Facilities (RECR)	20	1.00	6.76	2.09	0%
Restoration Activities (REST)**	85	39.05	1,591.94	326.04	69%
Transportation - Aeronautics (TRAER)	3	1.00	5.20	0.00	0%
Transportation - Bridges Crossings (TRBR)	91	233.88	40.95	20.73	2%
Transportation - Roads Highways (TRRD)	229	237.26	121.77	23.89	5%
Transportation - Railroads (TRRR)	7	0.00	6.37	22.15	0%
Unknown (UNK)	36	0.00	21.37	0.00	1%
Urban Development (URBA)	294	0.40	208.20	20.91	9%
Utilities (UTIL)	108	0.03	72.18	103.69	3%

*Dredge and fill acre totals may exceed that shown in Table 1 because some projects may have more than one purpose. (Except for REST; see following note.)

**Restoration Activities includes only those projects whose primary purpose is to restore or enhance beneficial uses fo water.