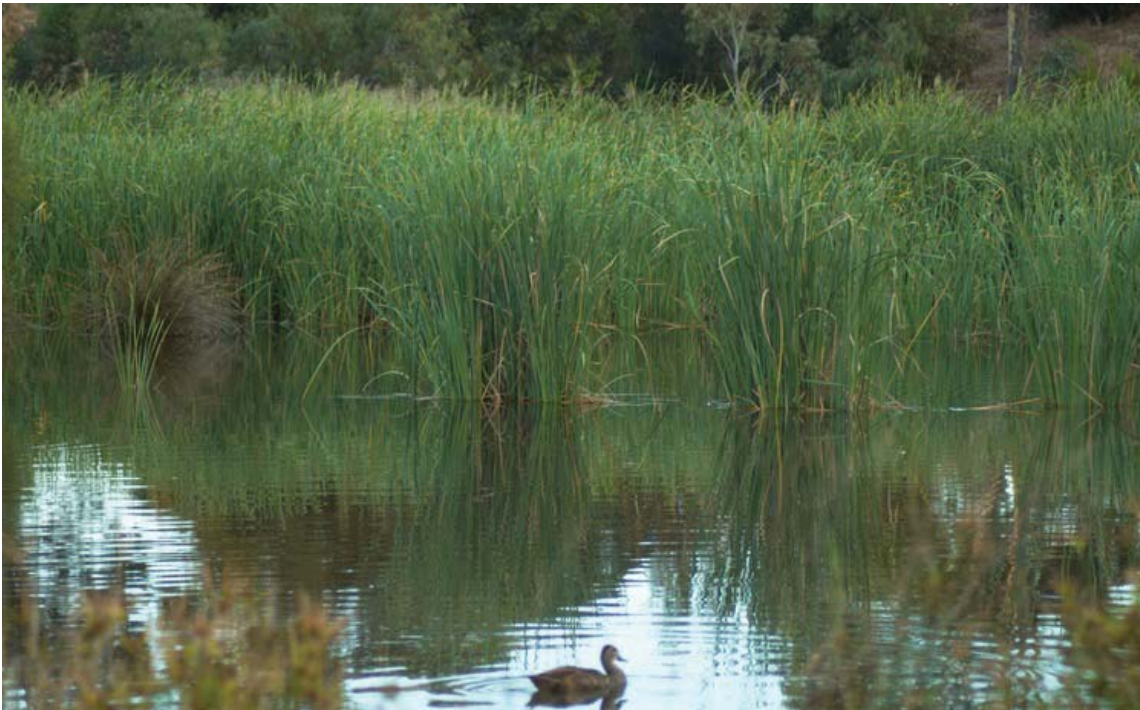


CWA Section 401 Water Quality Certification Program

Division of Water Quality

Annual Report 2004





✓ 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*
2004

		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	103	137	8.17	1.28	4.41	0.00	0.01	13.86	22.44	1.62
2	219	665	13.24	2.05	6.81	1.52	11.28	34.91	60.40	1.73
3	115	360	41.01	7.37	13.00	13.73	0.42	75.52	95.64	1.27
4	121	216	14.94	4.74	26.46	0.01	0.00	46.15	106.31	2.30
5F	31	0	1.13	0.42	1.03	0.38	0.00	2.97	3.84	1.29
5R	73	0	11.18	1.81	3.24	0.40	0.00	16.62	18.86	1.13
5S	317	29	131.59	3.81	24.31	0.00	0.00	159.72	361.13	2.26
6T	26	0	0.54	0.00	8.14	0.79	0.00	9.47	8.47	0.89
6V	15	0	0.30	0.44	1.18	0.08	0.00	2.00	4.07	2.03
7	18	1,250	0.11	0.21	60.25	0.03	0.00	60.60	32.19	0.53
8	96	0	6.52	17.94	39.36	0.00	0.00	63.82	141.10	2.21
9	104	55	5.83	2.05	6.31	0.05	0.81	15.06	104.04	6.91
SB	6	0	0.00	0.00	0.00	0.00	0.00	0.00	1.14	0.00
Total	1,244	2,711	234.56	42.12	194.50	16.99	12.52	500.70	959.62	1.92

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

Table 2 - Annual Trends*
2002 - 2004

Region	2004			2003			2002		
	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	103	136.65	13.86	78	0.00	6.36	80	175.60	49.69
2	219	665.13	34.91	208	4,956.72	57.86	228	1,880.37	35.90
3	115	360.00	75.52	106	0.00	133.93	119	250.07	37.57
4	121	215.68	46.15	106	321.00	36.26	113	1,397.00	233.02
5F	31	0.00	2.97	19	0.01	4.04	27	0.50	17.82
5R	73	0.00	16.62	48	0.00	57.02	73	0.00	18.25
5S	317	29.00	159.72	252	980.00	168.75	231	259.70	100.45
6T	26	0.00	9.47	27	0.63	0.26	26	5.65	7.42
6V	15	0.00	2.00	5	0.00	4.03	5	0.00	51.00
7	18	1,250.00	60.60	25	5.07	38.50	11	2,000.00	15.52
8	96	0.00	63.82	60	982.00	27.00	54	5.50	17.68
9	104	55.00	15.06	94	0.00	23.88	128	15.75	76.28
SB	6	0.00	0.00	6	0.00	0.00	1	0.00	0.00
Total	1,244	2,711.46	500.70	1,034	7,245.44	557.87	1,096	5,990.14	660.58

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

Table 3 - Discharges by Project Type
2004

Project Purpose	No. of Projects	Dredge Volume (Thousands of Cubic Yards)*	Permanent Fill Acres*	Temporary Fill Acres*	Percent of Fill Acres
Agricultural (AG)	13	0.00	3.16	2.31	1%
Beach Enrichment (BEACH)	2	0.00	0.00	30.60	0%
Boating Navigation (BOAT)	105	2,649.26	10.14	1.88	2%
Channel Flood Control (CHFC)	136	1,250.00	72.18	777.90	12%
Channel Stabilization (CHSTBL)	153	97.00	95.83	111.02	16%
Construction (CONST)	4	0.00	0.00	0.01	0%
Dam Construction Repair (DAMS)	23	1,250.00	17.03	6.50	3%
Data Collection (DATA)	20	31.20	0.16	7.74	0%
Diversion Structures (DIV)	17	0.00	6.08	1.81	1%
Golf Course (GOLF)	6	0.00	16.24	0.02	3%
Hydroelectric Facility (HYDRO)	4	0.00	0.18	2.38	0%
Gravel Extraction Mining (MINE)	10	2.20	26.95	32.02	4%
Mitigation Activities (MITI)	32	0.00	6.90	101.36	1%
Discharges Not Otherwise Categorized	11	0.00	6.19	0.05	1%
Outfall Structure (OUTF)	55	0.00	3.81	3.53	1%
Recreational Facilities (RECR)	40	0.00	8.13	18.13	1%
Restoration Activities (REST)**	58	2,234.20	18.01	59.79	3%
Transportation - Aeronautics (TRAER)	3	0.00	14.87	2.25	2%
Transportation - Bridges Crossings (TRBR)	147	0.00	34.37	37.10	6%
Transportation - Roads Highways (TRRD)	199	0.00	32.33	26.96	5%
Transportation - Railroads (TRRR)	4	0.00	0.76	0.00	0%
Unknown (UNK)	49	0.00	21.38	7.44	3%
Urban Development (URBA)	323	0.00	210.94	41.39	34%
Utilities (UTIL)	113	60.00	9.90	30.77	2%

*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.