

Tweed River Entrance Sand Bypassing Project

Dredging Overview

Stage 1 (26 Apr 1995 to 26 May 1998)	3,047,549 m³
Stage 2 Pre-commissioning Dredging (1 April 2000 to 29 Apr 2001)	532,518 m ³
Stage 2 Operations Dredging Campaign 1 (11 May 2001 to 31 Oct 2001)	289,972 m ³
Stage 2 Operations Dredging Campaign 2 (20 May 2002 to 20 Oct 2002)	240,129 m ³
Stage 2 Operations Dredging Campaign 3 (7 Feb 2003 to 28 Sep 2003)	230,893 m ³
Stage 2 Operations Dredging Campaign 4 (7 July 2004 to 30 Sep 2004)	169,926 m ³
Stage 2 Operations Dredging Campaign 5 (22 May 2005 to 30 Sep 2005)*	176,189 m ³
Dredged sand delivered to Palm Beach (June 2005 to Sep 2005)	22,870 m ³
Stage 2 Operations Dredging Campaign 6 (23 May 2006 to 28 Sep 2006)	200,298 m ³
Total Stage 2 Dredging (April 2000 to 28 Sep 2006)	1,862,795 m³
Total Dredging (Since 1995)	4,910,344 m³

* Note: This does not include sand delivered to Palm Beach from June 2005 to September 2005.

Stage 2 Dredging Quantities (Commenced in April 2000)

Dredging Quantities (m ³)										
Year	Month	Placement Areas								Total
		SR-E	SR-W	I-N	C-N	ONR-SR/E	ONR-SR/W	ONR-C	DBAH	
2000	April	59,146	0	0	0	0	0	0	0	59,146
	May	73,881	0	5,341	0	12,361	0	0	0	91,583
	June	24,686	0	0	0	35,032	0	0	0	59,718
	July	24,897	0	16,210	1,218	7,966	0	0	0	50,291
	August	17,283	0	0	32,499	2,017	0	0	0	51,799
	September	1,172	0	806	2,351	7,286	0	0	0	11,615
	October	0	0	0	0	0	0	0	0	0
	November	21,107	0	0	12,977	0	0	3,241	0	37,325
	December	15,094	1,184	0	424	4,501	12,136	11,467	0	44,806
2000 total = 406,283										
2001	January	9,721	14,325	0	28,680	0	0	2,031	0	54,757
	February	0	0	0	12,616	0	0	8,655	0	21,271
	March	0	0	0	8,506	0	0	8,080	0	16,586
	April	0	0	7,922	7,260	8,416	6,381	3,641	0	33,620
	May	0	0	32,722	5,630	0	0	0	0	38,352
	June	0	4,644	10,413	44,854	0	0	2,089	0	62,000
	July	0	39,604	0	8,043	0	0	14,754	0	62,401

Dredging Quantities (m³)

Year	Month	Placement Areas								Total
		SR-E	SR-W	I-N	C-N	ONR-SR/E	ONR-SR/W	ONR-C	DBAH	
	August	0	11,030	13,518	0	0	29,389	12,730	0	66,667
	September	0	8,228	0	0	0	0	33,082	0	41,310
	October	0	0	0	0	0	0	8,840	0	8,840
	November	0	0	0	0	0	0	10,401	0	10,401
	December	0	0	0	0	0	0	0	0	0
2001 total = 416,205										
2002	January	0	0	0	0	0	0	0	0	0
	February	0	0	0	0	0	0	0	0	0
	March	0	0	0	0	0	0	0	0	0
	April	0	0	0	0	0	0	0	0	0
	May	28,686	0	0	0	0	0	0	0	28,686
	June	41,361	0	0	0	7,141	0	0	0	48,502
	July	23,878	0	0	0	3,762	0	0	0	27,640
	August	46,395	0	0	0	1,587	0	0	2,101	50,083
	September	23,827	5,856	0	0	4,623	12,689	0	9,229	56,224
	October	14,808	3,158	0	0	7,474	3,554	0	0	28,994
	November	0	0	0	0	0	0	0	0	0
	December	0	0	0	0	0	0	0	0	0
2002 total = 240,129										
2003	January	0	0	0	0	0	0	0	0	0
	February	26,027	0	0	0	0	0	0	9,765	35,792
	March	11,494	0	0	0	0	0	0	410	11,904
	April	0	0	0	0	0	0	0	0	0
	May	0	0	0	0	0	0	0	0	0
	June	25,260	0	0	0	0	0	0	0	25,260
	July	37,969	0	0	0	9,932	0	0	0	47,901
	August	14,238	22,414	6,373	10,727	0	1,662	416	0	55,830
	September	21,466	7,504	0	10,407	3,576	5,416	5,837	0	54,206
	October	0	0	0	0	0	0	0	0	0
	November	0	0	0	0	0	0	0	0	0
	December	0	0	0	0	0	0	0	0	0
2003 total = 230,893										
2004	January	0	0	0	0	0	0	0	0	0
	February	0	0	0	0	0	0	0	0	0
	March	0	0	0	0	0	0	0	0	0
	April	0	0	0	0	0	0	0	0	0
	May	0	0	0	0	0	0	0	0	0
	June	0	0	0	0	0	0	0	0	0
	July	42,288	0	0	0	0	0	0	0	42,288
	August	39,916	1,788	0	0	9,034	0	0	20,594	71,332

Dredging Quantities (m ³)										
Year	Month	Placement Areas								Total
		SR-E	SR-W	I-N	C-N	ONR-SR/E	ONR-SR/W	ONR-C	DBAH	
	October	0	0	0	0	0	0	0	0	0
	November	0	0	0	0	0	0	0	0	0
	December	0	0	0	0	0	0	0	0	0
										2007 total = 0
2008	January	0	0	0	0	0	0	0	0	0
	February	0	0	0	0	0	0	0	0	0
	March	0	0	0	0	0	0	0	0	0
	April	0	0	0	0	0	0	0	0	0
	May	0	0	0	0	0	0	0	19,791	19,791
	June	16,269	0	0	0	0	0	0	42,680	59,129
	July	30,685	0	0	0	0	0	0	27,567	58,252
	August	14,418	0	0	0	0	0	0	14,418	14,418
	September	13,775	0	0	0	0	0	0	33,613	47,388
	October	0	0	0	0	0	0	0	0	0
	November	0	0	0	0	0	0	0	0	0
	December	0	0	0	0	0	0	0	0	0
										2008 total = 198,978
2009	January	0	0	0	0	0	0	0	0	0
	February	0	0	0	0	0	0	0	0	0
	March	0	0	0	0	0	0	0	0	0
	April	0	0	0	0	0	0	0	0	0
	May	0	0	0	0	0	0	0	0	0
	June	0	0	0	0	0	0	0	0	0
	July	0	0	0	0	0	0	0	0	0
	August	0	0	0	0	0	0	0	0	0
	September	0	0	0	0	0	0	0	0	0
	October	0	0	0	0	0	0	0	0	0
Totals		977,001	164,615	94,198	188,404	169,233	114,162	127,090	204,197	2,038,900*

*Note: This does not include sand delivered to Palm beach. From June to September 2005 a total of 22,870m³ of sand was dredged from the Tweed River Entrance and deposited at Palm beach.