

# Tweed River Entrance Sand Bypassing Project

## Sand Pumping Details

Pumping Quantities Since March 2001 (m <sup>3</sup> )							
Year	Month	Outlets					Total
		SR-E	SR-W	Kirra	Duranbah	Greenmount	
2001	March	111,495	0	0	0	0	111,495
	April	51,489	0	0	18,968	0	70,457
	May	20,009	0	0	48,290	0	68,299
	June	61,800	0	0	0	0	61,800
	July	84,263	0	0	0	0	84,263
	August	0	0	28,161	0	0	28,161
	September	0	0	46,940	0	0	46,940
	October	7,720	1,586	22,178	0	0	31,484
	November	52,113	0	0	0	0	52,113
	December	20,857	0	0	0	0	20,857
<b>2001 total = 575,869</b>							
2002	January	38,284	0	0	0	0	38,284
	February	16,198	0	45,233	0	0	61,431
	March	75,401	0	0	0	0	75,401
	April	53,571	0	0	30,176	0	83,747
	May	67,521	0	0	14,339	0	81,860
	June	78,377	0	0	0	0	78,377
	July	91,417	0	0	0	0	91,417
	August	117,842	0	0	0	0	117,842
	September	15,988	0	0	19,345	0	35,333
	October	9,978	0	10,248	8,012	0	28,238
	November	0	0	22,836	0	0	22,836
	December	0	0	6,598	0	0	6,598
<b>2002 total = 721,364</b>							
2003	January	2	0	0	0	0	2
	February	86,239	0	17,764	0	0	104,003
	March	65,302	0	0	14,583	0	79,885
	April	78,621	0	0	19,853	0	98,474
	May	100,144	0	0	0	0	100,144
	June	36,561	0	0	31,482	0	68,043
	July	73,652	0	0	4,306	0	77,958
	August	68,280	0	0	0	0	68,280
	September	33,338	0	0	0	10,722	44,060
	October	9,634	0	18,473	0	21,209	49,316
	November	9,379	0	36,100	0	0	45,479
	December	41,801	0	9,581	0	0	51,382
<b>2003 total = 787,026</b>							
2004	January	48,374	0	0	0	0	48,374

Pumping Quantities Since March 2001 (m <sup>3</sup> )							
Year	Month	Outlets					Total
		SR-E	SR-W	Kirra	Duranbah	Greenmount	
	February	23,677	0	0	0	0	23,677
	March	38,639	0	0	36,813	0	75,452
	April	32,640	0	0	0	0	32,640
	May	18,668	0	0	0	0	18,668
	June	44,519	0	0	0	0	44,519
	July	54,993	0	0	0	0	54,993
	August	25,963	0	0	0	0	25,963
	September	59,112	0	0	0	0	59,112
	October	40,404	0	0	0	0	40,404
	November	37,716	0	0	0	0	37,716
	December	34,849	0	0	0	0	34,849
<b>2004 total = 496,367</b>							
2005	January	56,160	0	0	0	0	56,160
	February	58,972	0	0	0	0	58,972
	March	56,585	0	0	0	0	56,585
	April	75,942	0	0	6,527	0	82,469
	May	70,400	0	0	17,821	0	88,221
	June	98,493	0	0	0	0	98,493
	July	54,511	0	0	0	0	54,511
	August	95,636	0	0	0	0	95,636
	September	31,587	0	0	0	0	31,587
	October	43,796	0	0	0	0	43,796
	November	27,804	0	0	5,231	0	33,035
	December	13,358	0	0	12,108	0	25,466
<b>2005 total = 724,931</b>							
2006	January	56,231	0	0	0	0	56,231
	February	70,596	0	0	0	0	70,596
	March	51,602	0	0	0	0	51,602
	April	7,134	0	0	13,715	0	20,849
	May	0	0	0	23,551	0	23,551
	June	57,402	0	0	6,903	0	64,305
	July	115,009	0	0	0	0	115,009
	August	39,955	0	0	0	0	39,955
	September	35,988	0	0	0	0	35,988
	October	17,705	0	0	0	0	17,705
	November	3,004	0	0	22,930	0	25,934
	December	30,559	0	0	0	0	30,559
<b>2006 total = 552,284</b>							
2007	January	27,203	0	0	0	0	27,203
	February	58,002	0	0	0	0	58,002
	March	52,736	0	0	0	0	52,736
	April	37,505	0	0	0	0	37,505

Pumping Quantities Since March 2001 (m <sup>3</sup> )							
Year	Month	Outlets					Total
		SR-E	SR-W	Kirra	Duranbah	Greenmount	
	May	19,496	0	0	19,766	0	39,262
	June	60,129	0	0	1,956	0	62,085
	July	70,689	0	0	0	0	70,689
	August	83,698	0	0	0	0	83,698
	September	45,694	0	0	5,572	0	51,266
	October	14,069	0	0	0	0	14,069
	November	18,635	0	0	2,274	0	20,909
	December	27,112	0	0	17,711	0	44,823
<b>2007 total = 562,247</b>							
2008	January	42,221	0	0	8,452	0	50,673
	February	47,518	0	0	0	0	47,518
	March	29,927	0	0	21,048	0	50,975
	April	63,642	0	0	8,750	0	72,392
	May	62,086	0	0	0	0	62,086
	June	64,782	0	0	0	0	64,782
	July	51,114	0	0	0	0	51,114
	August	64,894	0	0	0	0	64,894
	September	54,104	0	0	2,887	0	56,991
	October	11,235	0	0	15,220	0	26,455
	November	23,086	0	0	9,140	0	32,226
	December	5,703	0	0	0	0	5,703
<b>2008 total = 585,809</b>							
2009	January	35,488	0	0	0	0	35,488
	February	33,481	0	0	4,325	0	37,806
	March	48,644	0	0	0	0	48,644
	April	61,554	0	0	14,296	0	75,850
	May	28,745	0	0	21,779	0	50,524
	June	12,703	0	0	0	0	12,703
	July	17,172	2,881	0	0	0	20,053
	August	22,853	7,797	0	3,411	0	34,061
	September	40,140	0	0	0	0	40,140
	October	31,852	0	0	0	0	31,852
	November	14,067	0	0	0	0	14,067
	December	8,044	0	0	0	0	8,044
<b>2009 total = 409,232</b>							
2010	January	6,641	0	0	0	0	6,641
	February	58,309	0	0	0	0	58,309
	March	51,041	0	0	0	0	51,041
	April	38,304	0	0	0	0	38,304
	May	23,515	0	0	12,868	0	36,383
	June	24,028	0	0	8,913	0	32,941
	July	33,722	0	0	0	0	33,722

Pumping Quantities Since March 2001 (m <sup>3</sup> )							
Year	Month	Outlets					Total
		SR-E	SR-W	Kirra	Duranbah	Greenmount	
	August	11,582	0	0	0	0	11,582
	September	27,708	0	0	0	0	27,708
	October	43,208	0	0	0	0	43,208
	November	40,395	0	0	0	0	40,395
	December	15,375	0	0	0	0	15,375
<b>2010 total = 395,609</b>							
2011	January	35,722	0	0	0	0	35,722
	February	23,080	0	0	6,460	0	29,540
	March	50,854	0	0	0	0	50,854
	April	45,325	0	0	0	0	45,325
	May	27,031	0	0	24,674	0	51,705
	June	63,363	0	0	0	0	63,363
	July	53,621	0	0	0	0	53,621
	August	56,251	0	0	0	0	56,251
	September	37,325	0	0	0	0	37,325
	October	20,206	0	0	24,729	0	44,935
	November	5,174	0	0	4,541	0	9,715
	December	39,813	0	0	0	0	39,813
<b>2011 total = 518,169</b>							
2012	January	25,253	0	0	0	0	25,253
	February	32,198	0	0	0	0	32,198
	March	26,330	0	0	15,536	0	41,866
	April	38,530	0	0	0	0	38,530
	May	10,851	0	0	20,939	0	31,790
	June	64,953	0	0	0	0	64,953
	July	36,299	0	0	12,044	0	48,343
	August	28,406	0	0	0	0	28,406
	September	22,916	0	0	0	0	22,916
	October	35,461	0	0	7,893	0	43,354
	November	26,922	0	0	1,070	0	27,992
	December	30,491	0	0	0	0	30,491
<b>2012 total = 436,092</b>							
2013	January	40,117	0	0	0	0	40,117
	February	29,178	0	0	0	0	29,178
	March	17,149	0	0	2,236	0	19,385
	April	19,406	0	0	0	0	19,406
	May	26,706	0	0	3,885	0	30,591
	June	46,838	0	0	0	0	46,838
	July	35,699	0	0	2,841	0	38,540
	August	13,429	0	0	0	0	13,429
	September	23,780	0	0	0	0	23,780
	October	15,882	0	0	0	0	15,882
	November	19,526	0	0	1,642	0	21,168

Pumping Quantities Since March 2001 (m <sup>3</sup> )							
Year	Month	Outlets					Total
		SR-E	SR-W	Kirra	Duranbah	Greenmount	
	December	21,569	0	0	0	0	21,569
<b>2013 total = 319,883</b>							
2014	January	54,911	0	0	0	0	54,911
	February	28,780	0	0	0	0	28,780
	March	55,527	0	0	0	0	55,527
	April	33,742	0	0	4,699	0	38,441
	May	25,672	0	0	2,465	0	28,137
	June	26,473	0	0	0	0	26,473
	July	52,155	0	0	0	0	52,155
	August	80,278	0	0	0	0	80,278
	September	35,081	0	0	0	0	35,081
	October	20,516	0	0	0	0	20,516
	November	14,325	0	0	1,949	0	16,274
	December	22,772	0	0	6,156	0	28,928
<b>2014 total = 465,501</b>							
2015	January	39,105	0	0	0	0	39,105
	February	66,014	0	0	0	0	66,014
	March	7,449	0	0	10,008	0	17,457
	April	34,801	0	0	4,535	0	39,336
	May	36,371	0	0	5,578	0	41,949
	June	53,075	0	0	2,076	0	55,151
	July	65,512	0	0	4,525	0	70,037
	August	45,146	0	0	0	0	45,146
	September	56,139	0	0	0	0	56,139
	October	22,519	0	0	17,770	0	40,289
	November	29,360	0	0	0	0	29,360
	December	54,775	0	0	0	0	54,775
<b>2015 total = 552,682</b>							
2016	January	64,363	0	0	0	0	64,363
	February	61,124	0	0	0	0	61,124
	March	21,276	0	0	3,747	0	25,023
	April	38,111	0	0	1,483	0	39,594
	May	20,408	0	0	0	0	20,408
	June	52,115	0	0	0	0	52,115
	July	25,431	0	0	7,164	0	32,595
	August	32,622	0	0	6,239	0	38,861
	September	16,768	0	0	0	0	16,768
	October	12,967	0	0	0	0	12,967
	November	25,856	0	0	0	0	25,856
<b>Totals</b>		<b>7,444,227</b>	<b>12,264</b>	<b>264,112</b>	<b>740,205</b>	<b>31,931</b>	<b>8,492,739</b>