

# TWEED SAND BYPASSING

## Sand Pumping Details

Pumping Quantities Since March 2001 (m <sup>3</sup> )							
Year	Month	Outlets					Total
		Duranbah	SR-E	Kirra	GreenMount	SR-W	
2001	March		111,495				111,495
	April	18,968	51,489				70,457
	May	48,290	20,009				68,299
	June		61,800				61,800
	July		84,263				84,263
	August			28,161			28,161
	September			46,940			46,940
	October		7,720	22,178		1,586	31,484
	November		52,113				52,113
	December		20,857				20,857
2001 total =		575,869	m <sup>3</sup>				
2002	January		38,284				38,284
	February		16,198	45,233			61,431
	March		75,401				75,401
	April	30,176	53,571				83,747
	May	14,339	67,521				81,860
	June		78,377				78,377
	July		91,417				91,417
	August		117,842				117,842
	September	19,345	15,988				35,333
	October	8,012	9,978	10,248			28,238
	November			22,836			22,836
	December			6,598			6,598
2002 total =		721,364	m <sup>3</sup>				
2003	January		2				2
	February		86,239	17,764			104,003
	March	14,583	65,302				79,885
	April	19,853	78,621				98,474
	May		100,144				100,144
	June	31,482	36,561				68,043
	July	4,306	73,652				77,958
	August		68,280				68,280
	September		33,338		10,722		44,060
	October		9,634	18,473	21,209		49,316
	November		9,379	36,100			45,479
	December		41,801	9,581			51,382
2003 total =		787,026	m <sup>3</sup>				
2004	January		48,374				48,374
	February		23,677				23,677
	March	36,813	38,639				75,452
	April		32,640				32,640
	May		18,668				18,668
	June		44,519				44,519
	July		54,993				54,993
	August		25,963				25,963
	September		59,112				59,112
	October		40,404				40,404
	November		37,716				37,716
	December		34,849				34,849

<b>2004 total = 496,367 m<sup>3</sup></b>							
2005	January		56,160				56,160
	February		58,972				58,972
	March		56,585				56,585
	April	6,527	75,942				82,469
	May	17,821	70,400				88,221
	June		98,493				98,493
	July		54,511				54,511
	August		95,636				95,636
	September		31,587				31,587
	October		43,796				43,796
	November	5,231	27,804				33,035
	December	12,108	13,358				25,466
<b>2005 total = 724,931 m<sup>3</sup></b>							
2006	January		56,231				56,231
	February		70,596				70,596
	March		51,602				51,602
	April	13,715	7,134				20,849
	May	23,551					23,551
	June	6,903	57,402				64,305
	July		115,009				115,009
	August		39,955				39,955
	September		35,988				35,988
	October		17,705				17,705
	November	22,930	3,004				25,934
	December		30,559				30,559
<b>2006 total = 552,284 m<sup>3</sup></b>							
2007	January		27,203				27,203
	February		58,002				58,002
	March		52,736				52,736
	April		37,505				37,505
	May	19,766	19,496				39,262
	June	1,956	60,129				62,085
	July		70,689				70,689
	August		83,698				83,698
	September	5,572	45,694				51,266
	October		14,069				14,069
	November	2,274	18,635				20,909
	December	17,711	27,112				44,823
<b>2007 total = 562,247 m<sup>3</sup></b>							
2008	January	8,452	42,221				50,673
	February		47,518				47,518
	March	21,048	29,927				50,975
	April	8,750	63,642				72,392
	May		62,086				62,086
	June		64,782				64,782
	July		51,114				51,114
	August		64,894				64,894
	September	2,887	54,104				56,991
	October	15,220	11,235				26,455
	November	9,140	23,086				32,226
	December		5,703				5,703
<b>2008 total = 585,809 m<sup>3</sup></b>							
2009	January		35,488				35,488
	February	4,325	33,481				37,806
	March		48,644				48,644
	April	14,294	61,556				75,850
	May	21,779	28,745				50,524
	June		12,703				12,703
	July		17,172			2,881	20,053

	August	3,411	22,853			7,797	34,061
	September		40,140				40,140
	October		31,852				31,852
	November		14,067				14,067
	December		8,044				8,044
		<b>2009 total =</b>	<b>409,232</b>	<b>m<sup>3</sup></b>			
2010	January		6,641				6,641
	February		58,309				58,309
	March		51,041				51,041
	April		38,304				38,304
	May	12,868	23,515				36,383
	June	8,913	24,028				32,941
	July		33,722				33,722
	August		11,582				11,582
	September		27,708				27,708
	October		43,208				43,208
	November		40,395				40,395
	December		15,375				15,375
		<b>2010 total =</b>	<b>395,609</b>	<b>m<sup>3</sup></b>			
2011	January		35,722				35,722
	February	6,460	23,080				29,540
	March		50,854				50,854
	April		45,325				45,325
	May	24,674	27,031				51,705
	June		63,363				63,363
	July		53,621				53,621
	August		56,251				56,251
	September		37,324				37,324
	October	24,729	20,206				44,935
	November	4,541	5,174				9,715
	December		39,813				39,813
		<b>2011 total =</b>	<b>518,168</b>	<b>m<sup>3</sup></b>			
2012	January		25,253				25,253
	February		32,198				32,198
	March	15,536	26,330				41,866
	April		38,530				38,530
	May	20,939	10,851				31,790
	June		64,953				64,953
	July	12,044	36,299				48,343
	August		28,406				28,406
	September		22,916				22,916
	October	7,893	35,461				43,354
	November	1,070	26,922				27,992
	December		30,491				30,491
		<b>2012 total =</b>	<b>436,092</b>	<b>m<sup>3</sup></b>			
2013	January		40,117				40,117
	February		29,178				29,178
	March	2,236	17,149				19,385
	April		19,406				19,406
	May	3,885	26,706				30,591
	June		46,838				46,838
	July	2,841	35,699				38,540
	August		13,429				13,429
	September		23,780				23,780
	October		15,882				15,882
	November	1,642	19,526				21,168
	December		21,569				21,569
		<b>2013 total =</b>	<b>319,883</b>	<b>m<sup>3</sup></b>			
	January		54,911				54,911
	February		28,780				28,780

2014	March		55,527			55,527
	April	4,699	33,742			38,441
	May	2,465	25,672			28,137
	June		26,473			26,473
	July		52,155			52,155
	August		80,278			80,278
	September		35,081			35,081
	October		20,516			20,516
	November	1,949	14,325			16,274
	December	6,156	22,772			28,928
<b>2014 total = 465,501 m<sup>3</sup></b>						
2015	January		39,105			39,105
	February		66,014			66,014
	March	10,008	7,449			17,457
	April	4,535	34,801			39,336
	May	5,578	36,371			41,949
	June	2,076	50,999			53,075
	July	4,525	65,512			70,037
	August		45,146			45,146
	September		56,139			56,139
	October	17,770	22,519			40,289
	November		29,360			29,360
	December		54,775			54,775
<b>2015 total = 552,682 m<sup>3</sup></b>						
2016	January		64,363			64,363
	February		61,124			61,124
	March	3,747	21,276			25,023
	April	1,483	38,111			39,594
	May		20,408			20,408
	June		52,115			52,115
	July	7,164	25,431			32,595
	August	6,239	32,622			38,861
	September		16,768			16,768
	October		12,967			12,967
	November		25,856			25,856
	December		29,890			29,890
<b>2016 total = 419,564 m<sup>3</sup></b>						
2017	January		15,474			15,474
	February		18,726			18,726
	March		58,397			58,397
	April		49,875			49,875
	May	12,013	26,800			38,813
	June	19,083	49,521			68,604
	July	2,610	24,373			26,983
	August		29,455			29,455
	September		20,168			20,168
	October		13,674			13,674
	November		48,352			48,352
	December		17,003			17,003
<b>2017 total = 405,524 m<sup>3</sup></b>						
2018	January		32,027			32,027
	February		35,777			35,777
	March		35,445			35,445
	April		22,108			22,108
	May		38,513			38,513
	June		38,030			38,030
	July		11,410			11,410
	August		31,333			31,333
	September		27,587			27,587
	October		38,121			38,121

	November	12,351	7,086				19,437
	December	2,914	28,545				31,459
<b>2018 total = 361,247 m<sup>3</sup></b>							
2019	January		24,515				24,515
	February		49,143				49,143
	March		26,045				26,045
	April		38,412				38,412
	May		26,935				26,935
	June		53,076				53,076
	July		50,124				50,124
	August		24,258				24,258
	September		21,950				21,950
	October	15,211	4,301				19,512
	November		13,761				13,761
	December		12,321				12,321
<b>2019 total = 360,052 m<sup>3</sup></b>							
2020	January		17,653				17,653
	February		18,901				18,901
	March		44,641				44,641
	April		30,744				30,744
	May	14,415	44,821				59,236
	June		59,634				59,634
	July		72,403				72,403
	August		25,980				25,980
	September						0
	October						0
	November						0
	December						0
<b>2020 total = 329,192 m<sup>3</sup></b>							
<b>Totals (2000-Today) 818,800 8,851,536 264,112 31,931 12,264 9,978,643</b>							