

TWEED SAND BYPASSING

Sand Pumping Details

Pumping Quantities Since March 2001 (m ³)							
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 ³							
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 ³							
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 ³							
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
2004 total = 496,367 m ³							
	January	-	56,160	-	-	-	56,160

Year	Month	Duranbah	SR-E	Kirra	Greenmount	SR-W	Total
2005	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
2005 total = 724,931 m³							
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
2006 total = 552,284 m³							
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
2007 total = 562,247 m³							
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
2008 total = 585,809 m³							
	January	-	35,488	-	-	-	35,488
	February	4,325	33,481	-	-	-	37,806
	March	-	48,644	-	-	-	48,644

Year	Month	Duranbah	SR-E	Kirra	Greenmount	SR-W	Total
2009	April	14,296	61,554	-	-	-	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
2009 total = 409,232 m³							
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
2010 total = 395,609 m³							
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	-	37,325	-	-	-	37,325
	October	24,729	20,206	-	-	-	44,935
	November	4,541	5,174	-	-	-	9,715
	December	-	39,813	-	-	-	39,813
2011 total = 518,169 m³							
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
2012 total = 436,092 m³							
	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

Year	Month	Duranbah	SR-E	Kirra	Greenmount	SR-W	Total
2013	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
2013 total = 319,883 m³							
2014	January	-	54,911	-	-	-	54,911
	February	-	28,780	-	-	-	28,780
	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
2014 total = 465,501 m³							
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
2015 total = 552,682 m³							
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
2016 total = 419,564 m³							
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

Year	Month	Duranbah	SR-E	Kirra	Greenmount	SR-W	Total
	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
2017 total = 405,524 m³							
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
2018 total = 361,247 m³							
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
2019 total = 360,052 m³							
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	-	16,791	-	-	-	16,791
	October	12,857	9,820	-	-	-	22,677
	November	5,981	21,352	-	-	-	27,333
	December	-	31,038	-	-	-	31,038
2020 total = 427,031 m³							
2021	January	-	12,694	-	-	-	12,694
	February	-	35,663	-	-	-	35,663
	March	18,854	3,067	-	-	-	21,921
	April	8,257	6,934	-	-	-	15,191
	May	19,905	30,832	-	-	-	50,737
	June	6,070	17,475	-	-	-	23,545
	July	2,497	33,248	-	-	-	35,745
	August	-	32,153	-	-	-	32,153
	September	-	45,622	-	-	-	45,622

Year	Month	Duranbah	SR-E	Kirra	Greenmount	SR-W	Total
	October	-	14,201	-	-	-	14,201
	November	-	25,723	-	-	-	25,723
	December	-	42,499	-	-	-	42,499
2021 total = 355,694 m³							
2022	January	-	76,670	-	-	-	76,670
	February	31,502	56,018	-	-	-	87,520
	March	-	63,092	-	-	-	63,092
	April	-	66,392	-	-	-	66,392
	May	-	73,797	-	-	-	73,797
	June	-	20,317	-	-	-	20,317
	July	11,445	29,130	-	-	-	40,575
	August	-	22,517	-	-	-	22,517
	September	681	42,505	-	-	-	43,186
	October	-	77,432	-	-	-	77,432
	November	-	12,241	-	-	-	12,241
	December	-	88,971	-	-	-	88,971
2022 total = 672,710 m³							
2023	January	-	48,339	-	-	-	48,339
	February	-	41,601	-	-	-	41,601
	March	-	22,898	-	-	-	22,898
	April	-	98,757	-	-	-	98,757
	May	-	35,478	-	-	-	35,478
	June	-	23,324	-	-	-	23,324
	July	-	32,493	-	-	-	32,493
	August	-	22,418	-	-	-	22,418
	September	-	44,687	-	-	-	44,687
	October	-	39,147	-	-	-	39,147
	November	-	37,414	-	-	-	37,414
	December	-	14,328	-	-	-	14,328
2023 total = 460,884 m³							
2024	January	-	29,653	-	-	-	29,653
	February	-	38,262	-	-	-	38,262
	March	-	49,535	-	-	-	49,535
	April	-	42,896	-	-	-	42,896
	May	30,021	22,338	-	-	-	52,359
	June	-	17,077	-	-	-	17,077
	July	-	46,502	-	-	-	46,502
	August	-	34,728	-	-	-	34,728
	September	-	18,360	-	-	-	18,360
	October	-	45,073	-	-	-	45,073
	November	17,074	5,720	-	-	-	22,794
	December	-	20,142	-	-	-	20,142
2024 total = 417,381 m³							
2025	January	-	21,665	-	-	-	21,665
	February	-	43,232	-	-	-	43,232
	March	-	46,901	-	-	-	46,901
	April	-	34,613	-	-	-	34,613
	May	-	58,604	-	-	-	58,604
	June	-	18,962	-	-	-	18,962
	July	-	23,076	-	-	-	23,076
	August						
	September						
	October						
	November						

Year	Month	Duranbah	SR-E	Kirra	Greenmount	SR-W	Total
	December						
2025 total = 247,053 m³							
Totals (2000-2025)		983,946	10,937,952	264,112	31,931	12,264	12,230,205