

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	0	111495	0	0	0	111,495
	April	18968	51489	0	0	0	70,457
	May	48290	20009	0	0	0	68,299
	June	0	61800	0	0	0	61,800
	July	0	84263	0	0	0	84,263
	August	0	0	28161	0	0	28,161
	September	0	0	46940	0	0	46,940
	October	0	7720	22178	0	1586	31,484
	November	0	52113	0	0	0	52,113
	December	0	20857	0	0	0	20,857
2001 total = 575,869 m ³							
2002	January	0	38284	0	0	0	38,284
	February	0	16198	45233	0	0	61,431
	March	0	75401	0	0	0	75,401
	April	30176	53571	0	0	0	83,747
	May	14339	67521	0	0	0	81,860
	June	0	78377	0	0	0	78,377
	July	0	91417	0	0	0	91,417
	August	0	117842	0	0	0	117,842
	September	19345	15988	0	0	0	35,333
	October	8012	9978	10248	0	0	28,238
	November	0	0	22836	0	0	22,836
	December	0	0	6598	0	0	6,598
2002 total = 721,364 m ³							
2003	January	0	2	0	0	0	2
	February	0	86239	17764	0	0	104,003
	March	14583	65302	0	0	0	79,885
	April	19853	78621	0	0	0	98,474
	May	0	100144	0	0	0	100,144
	June	31482	36561	0	0	0	68,043
	July	4306	73652	0	0	0	77,958
	August	0	68280	0	0	0	68,280
	September	0	33338	0	10722	0	44,060
	October	0	9634	18473	21209	0	49,316
	November	0	9379	36100	0	0	45,479
	December	0	41801	9581	0	0	51,382
2003 total = 787,026 m ³							
2004	January	0	48374	0	0	0	48,374
	February	0	23677	0	0	0	23,677
	March	36813	38639	0	0	0	75,452
	April	0	32640	0	0	0	32,640
	May	0	18668	0	0	0	18,668
	June	0	44519	0	0	0	44,519
	July	0	54993	0	0	0	54,993
	August	0	25963	0	0	0	25,963
	September	0	59112	0	0	0	59,112
	October	0	40404	0	0	0	40,404
	November	0	37716	0	0	0	37,716
	December	0	34849	0	0	0	34,849
2004 total = 496,367 m ³							

Year	Month	Duranbah	SR-E	Kirra	Greenmount	SR-W	Total
2005	January	0	56160	0	0	0	56,160
	February	0	58972	0	0	0	58,972
	March	0	56585	0	0	0	56,585
	April	6527	75942	0	0	0	82,469
	May	17821	70400	0	0	0	88,221
	June	0	98493	0	0	0	98,493
	July	0	54511	0	0	0	54,511
	August	0	95636	0	0	0	95,636
	September	0	31587	0	0	0	31,587
	October	0	43796	0	0	0	43,796
	November	5231	27804	0	0	0	33,035
	December	12108	13358	0	0	0	25,466
2005 total = 724,931 m³							
2006	January	0	56231	0	0	0	56,231
	February	0	70596	0	0	0	70,596
	March	0	51602	0	0	0	51,602
	April	13715	7134	0	0	0	20,849
	May	23551	0	0	0	0	23,551
	June	6903	57402	0	0	0	64,305
	July	0	115009	0	0	0	115,009
	August	0	39955	0	0	0	39,955
	September	0	35988	0	0	0	35,988
	October	0	17705	0	0	0	17,705
	November	22930	3004	0	0	0	25,934
	December	0	30559	0	0	0	30,559
2006 total = 552,284 m³							
2007	January	0	27203	0	0	0	27,203
	February	0	58002	0	0	0	58,002
	March	0	52736	0	0	0	52,736
	April	0	37505	0	0	0	37,505
	May	19766	19496	0	0	0	39,262
	June	1956	60129	0	0	0	62,085
	July	0	70689	0	0	0	70,689
	August	0	83698	0	0	0	83,698
	September	5572	45694	0	0	0	51,266
	October	0	14069	0	0	0	14,069
	November	2274	18635	0	0	0	20,909
	December	17711	27112	0	0	0	44,823
2007 total = 562,247 m³							
2008	January	8452	42221	0	0	0	50,673
	February	0	47518	0	0	0	47,518
	March	21048	29927	0	0	0	50,975
	April	8750	63642	0	0	0	72,392
	May	0	62086	0	0	0	62,086
	June	0	64782	0	0	0	64,782
	July	0	51114	0	0	0	51,114
	August	0	64894	0	0	0	64,894
	September	2887	54104	0	0	0	56,991
	October	15220	11235	0	0	0	26,455
	November	9140	23086	0	0	0	32,226
	December	0	5703	0	0	0	5,703
2008 total = 585,809 m³							

Year	Month	Duranbah	SR-E	Kirra	Greenmount	SR-W	Total
2009	January	0	35488	0	0	0	35,488
	February	4325	33481	0	0	0	37,806
	March	0	48644	0	0	0	48,644
	April	14296	61554	0	0	0	75,850
	May	21779	28745	0	0	0	50,524
	June	0	12703	0	0	0	12,703
	July	0	17172	0	0	2881	20,053
	August	3411	22853	0	0	7797	34,061
	September	0	40140	0	0	0	40,140
	October	0	31852	0	0	0	31,852
	November	0	14067	0	0	0	14,067
	December	0	8044	0	0	0	8,044
2009 total = 409,232 m³							
2010	January	0	6641	0	0	0	6,641
	February	0	58309	0	0	0	58,309
	March	0	51041	0	0	0	51,041
	April	0	38304	0	0	0	38,304
	May	12868	23515	0	0	0	36,383
	June	8913	24028	0	0	0	32,941
	July	0	33722	0	0	0	33,722
	August	0	11582	0	0	0	11,582
	September	0	27708	0	0	0	27,708
	October	0	43208	0	0	0	43,208
	November	0	40395	0	0	0	40,395
	December	0	15375	0	0	0	15,375
2010 total = 395,609 m³							
2011	January	0	35722	0	0	0	35,722
	February	6460	23080	0	0	0	29,540
	March	0	50854	0	0	0	50,854
	April	0	45325	0	0	0	45,325
	May	24674	27031	0	0	0	51,705
	June	0	63363	0	0	0	63,363
	July	0	53621	0	0	0	53,621
	August	0	56251	0	0	0	56,251
	September	0	37325	0	0	0	37,325
	October	24729	20206	0	0	0	44,935
	November	4541	5174	0	0	0	9,715
	December	0	39813	0	0	0	39,813
2011 total = 518,169 m³							
2012	January	0	25253	0	0	0	25,253
	February	0	32198	0	0	0	32,198
	March	15536	26330	0	0	0	41,866
	April	0	38530	0	0	0	38,530
	May	20939	10851	0	0	0	31,790
	June	0	64953	0	0	0	64,953
	July	12044	36299	0	0	0	48,343
	August	0	28406	0	0	0	28,406
	September	0	22916	0	0	0	22,916
	October	7893	35461	0	0	0	43,354
	November	1070	26922	0	0	0	27,992
	December	0	30491	0	0	0	30,491
2012 total = 436,092 m³							

Year	Month	Duranbah	SR-E	Kirra	Greenmount	SR-W	Total
2013	January	0	40117	0	0	0	40,117
	February	0	29178	0	0	0	29,178
	March	2236	17149	0	0	0	19,385
	April	0	19406	0	0	0	19,406
	May	3885	26706	0	0	0	30,591
	June	0	46838	0	0	0	46,838
	July	2841	35699	0	0	0	38,540
	August	0	13429	0	0	0	13,429
	September	0	23780	0	0	0	23,780
	October	0	15882	0	0	0	15,882
	November	1642	19526	0	0	0	21,168
	December	0	21569	0	0	0	21,569
2013 total = 319,883 m³							
2014	January	0	54911	0	0	0	54,911
	February	0	28780	0	0	0	28,780
	March	0	55527	0	0	0	55,527
	April	4699	33742	0	0	0	38,441
	May	2465	25672	0	0	0	28,137
	June	0	26473	0	0	0	26,473
	July	0	52155	0	0	0	52,155
	August	0	80278	0	0	0	80,278
	September	0	35081	0	0	0	35,081
	October	0	20516	0	0	0	20,516
	November	1949	14325	0	0	0	16,274
	December	6156	22772	0	0	0	28,928
2014 total = 465,501 m³							
2015	January	0	39105	0	0	0	39,105
	February	0	66014	0	0	0	66,014
	March	10008	7449	0	0	0	17,457
	April	4535	34801	0	0	0	39,336
	May	5578	36371	0	0	0	41,949
	June	2076	50999	0	0	0	53,075
	July	4525	65512	0	0	0	70,037
	August	0	45146	0	0	0	45,146
	September	0	56139	0	0	0	56,139
	October	17770	22519	0	0	0	40,289
	November	0	29360	0	0	0	29,360
	December	0	54775	0	0	0	54,775
2015 total = 552,682 m³							
2016	January	0	64363	0	0	0	64,363
	February	0	61124	0	0	0	61,124
	March	3747	21276	0	0	0	25,023
	April	1483	38111	0	0	0	39,594
	May	0	20408	0	0	0	20,408
	June	0	52115	0	0	0	52,115
	July	7164	25431	0	0	0	32,595
	August	6239	32622	0	0	0	38,861
	September	0	16768	0	0	0	16,768
	October	0	12967	0	0	0	12,967
	November	0	25856	0	0	0	25,856
	December	0	29890	0	0	0	29,890
2016 total = 419,564 m³							

Year	Month	Duranbah	SR-E	Kirra	Greenmount	SR-W	Total
2017	January	0	15474	0	0	0	15,474
	February	0	18726	0	0	0	18,726
	March	0	58397	0	0	0	58,397
	April	0	49875	0	0	0	49,875
	May	12013	26800	0	0	0	38,813
	June	19083	49521	0	0	0	68,604
	July	2610	24373	0	0	0	26,983
	August	0	29455	0	0	0	29,455
	September	0	20168	0	0	0	20,168
	October	0	13674	0	0	0	13,674
	November	0	48352	0	0	0	48,352
	December	0	17003	0	0	0	17,003
2017 total = 405,524 m³							
2018	January	0	32027	0	0	0	32,027
	February	0	35777	0	0	0	35,777
	March	0	35445	0	0	0	35,445
	April	0	22108	0	0	0	22,108
	May	0	38513	0	0	0	38,513
	June	0	38030	0	0	0	38,030
	July	0	11410	0	0	0	11,410
	August	0	31333	0	0	0	31,333
	September	0	27587	0	0	0	27,587
	October	0	38121	0	0	0	38,121
	November	12351	7086	0	0	0	19,437
	December	2914	28545	0	0	0	31,459
2018 total = 361,247 m³							
2019	January	0	24515	0	0	0	24,515
	February	0	49143	0	0	0	49,143
	March	0	26045	0	0	0	26,045
	April	0	38412	0	0	0	38,412
	May	0	26935	0	0	0	26,935
	June	0	53076	0	0	0	53,076
	July	0	50124	0	0	0	50,124
	August	0	24258	0	0	0	24,258
	September	0	21950	0	0	0	21,950
	October	15211	4301	0	0	0	19,512
	November	0	13761	0	0	0	13,761
	December	0	12321	0	0	0	12,321
2019 total = 360,052 m³							
2020	January	0	17653	0	0	0	17,653
	February	0	18901	0	0	0	18,901
	March	0	44641	0	0	0	44,641
	April	0	30744	0	0	0	30,744
	May	14415	44821	0	0	0	59,236
	June	0	59634	0	0	0	59,634
	July	0	72403	0	0	0	72,403
	August	0	25980	0	0	0	25,980
	September	0	16791	0	0	0	16,791
	October	12857	9820	0	0	0	22,677
	November	5981	21352	0	0	0	27,333
	December	0	31038	0	0	0	31,038
2020 total = 427,031 m³							

Year	Month	Duranbah	SR-E	Kirra	Greenmount	SR-W	Total
2021	January	0	12694	0	0	0	12,694
	February	0	35663	0	0	0	35,663
	March	18854	3067	0	0	0	21,921
	April	8257	6934	0	0	0	15,191
	May	19905	30832	0	0	0	50,737
	June	6070	17475	0	0	0	23,545
	July	2497	33248	0	0	0	35,745
	August	0	32153	0	0	0	32,153
	September						
	October						
	November						
	December						
2021 total = 227,649 m ³							
Totals (2000-2020)		893,223	9,102,602	264,112	31,931	12,264	10,304,132