TWEEDSAND BYPASSING

Sand Pumping Details

		Pumping Qua	anuties Sil		.n 2001 (m)		
Year	Month			Outlets			
		Duranbah	SR-E	Kirra	GreenMount	SR-W	T
	March		111,495				111,
	April	18,968	51,489				70,
	May	48,290	20,009				68,
	June		61,800				61,
2001	July		84,263				84
	August			28,161			28
	September			46,940			46
	October		7,720	22,178		1,586	31
	November		52,113				52
	December		20,857	,			20
	_	2001 total =	575,869	m ³	T		
	January		38,284				38,
	February		16,198	45,233			61,
	March		75,401				75,
	April	30,176	53,571				83
	May	14,339	67,521				81
2002	June		78,377				78
2002	July		91,417				91
	August		117,842				117
	September	19,345	15,988				35
	October	8,012	9,978	10,248			28
	November			22,836			22
	December			6,598			6
		2002 total =	721,364	m⁵	<u>. </u>		
	January		2				
	February		86,239	17,764			104
	March	14,583	65,302				79
	April	19,853	78,621				98
	May		100,144				100
2003	June	31,482	36,561				68
2003	July	4,306	73,652				77
	August		68,280				68
	September		33,338		10,722		44
	October		9,634	18,473	21,209		49
	November		9,379	36,100			45
	December		41,801	9,581			51
		2003 total =	787,026	m ³			
	January		48,374				48
	February		23,677				23
	March	36,813	38,639				75
	April		32,640				32
	May		18,668				18
2004	June		44,519				44
2004	July		54,993				54
	August		25,963				25
	September		59,112				59
	October		40,404				40
	November		37,716		I		37,

		2004 total =	496,367	m ³		
	January		56,160			56,16
	February		58,972			58,97
	March		56,585			56,58
	April	6,527	75,942			82,46
	May	17,821	70,400			88,22
2005	June		98,493			98,49
2003	July		54,511			54,51
	August		95,636			95,63
	September		31,587			31,58
	October		43,796			43,79
	November	5,231	27,804			33,03
	December	12,108	13,358			25,46
		2005 total =	724,931	m ³		
	January		56,231			56,23
	February		70,596			70,59
	March		51,602			51,60
	April	13,715	7,134			20,84
	May	23,551				23,55
2006	June	6,903	57,402			64,30
2006	July		115,009			115,00
	August		39,955			39,95
	September		35,988			35,98
	October		17,705			17,70
	November	22,930	3,004			25,93
	December		30,559			30,55
		2006 total =	552,284	m ³	•	
	January		27,203			27,20
	February		58,002			58,00
	March		52,736			52,73
	April		37,505			37,50
	May	19,766	19,496			39,26
2007	June	1,956	60,129			62,08
2007	July		70,689			70,68
	August		83,698			83,69
	September	5,572	45,694			51,26
	October		14,069			14,06
	November	2,274	18,635			20,90
	December	17,711	27,112			44,82
		2007 total =	562,247	m ³		
	January	8,452	42,221			50,67
	February		47,518			47,51
	March	21,048	29,927			50,97
	April	8,750	63,642			72,39
	May		62,086			62,08
						64,78
2009	June		64,782			04,78
2008			64,782 51,114			
2008	June					51,11
2008	June July	2,887	51,114			51,11 64,89
2008	June July August	2,887 15,220	51,114 64,894			51,11 64,89 56,99
2008	June July August September		51,114 64,894 54,104			51,11 64,89 56,99 26,45
2008	June July August September October	15,220	51,114 64,894 54,104 11,235			51,11 64,89 56,99 26,45 32,22
2008	June July August September October November	15,220	51,114 64,894 54,104 11,235 23,086	m ³		51,11 64,89 56,99 26,45 32,22
2008	June July August September October November	15,220 9,140	51,114 64,894 54,104 11,235 23,086 5,703	m ³		51,11 64,89 56,99 26,45 32,22 5,70
2008	June July August September October November December	15,220 9,140	51,114 64,894 54,104 11,235 23,086 5,703 585,809	m³		51,11 64,89 56,99 26,45 32,22 5,70
2008	June July August September October November December	15,220 9,140 2008 total =	51,114 64,894 54,104 11,235 23,086 5,703 585,809 35,488	m ³		51,11 64,89 56,99 26,45 32,22 5,70 35,48 37,80
2008	June July August September October November December January February March	15,220 9,140 2008 total = 4,325	51,114 64,894 54,104 11,235 23,086 5,703 585,809 35,488 33,481 48,644	m ³		51,11 64,89 56,99 26,45 32,22 5,70 35,48 37,80 48,64
2008	June July August September October November December January February March April	15,220 9,140 2008 total = 4,325	51,114 64,894 54,104 11,235 23,086 5,703 585,809 35,488 33,481 48,644 61,556	m ³		51,11 64,89 56,99 26,45 32,22 5,70 35,48 37,80 48,64 75,85
2008	June July August September October November December January February March	15,220 9,140 2008 total = 4,325	51,114 64,894 54,104 11,235 23,086 5,703 585,809 35,488 33,481 48,644	m ³		35,48 37,80 48,64 35,48 37,80 48,64 75,85 50,52

	August	3,411	22,853		1	7,797	34,061
	September	3,122	40,140			1,7.51	40,140
	October		31,852				31,852
	November		14,067				14,067
	December		8,044				8,044
		2009 total =	409,232	m ³	•		
	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
2040	June	8,913	24,028				32,941
2010	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	m ³			
	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
2011	June		63,363				63,363
2011	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	3			39,813
		2011 total =	518,168	m ³	<u> </u>		25.252
	January		25,253				25,253
	February	45 526	32,198				32,198
	March	15,536	26,330				41,866
	April	20.020	38,530				38,530
	May	20,939	10,851				31,790
2012	June	12.044	64,953				64,953
	July	12,044	36,299				48,343
	August		28,406				28,406
	September October	7,893	22,916 35,461				22,916 43,354
	November	1,070	26,922				27,992
	December	1,070	30,491				30,491
	December	2012 total =	436,092	m ³			30,431
	January	LOIL total –	40,117		1		40,117
	February		29,178		1		29,178
	March	2,236	17,149		1		19,385
	April	_,	19,406				19,406
	May	3,885	26,706				30,591
2042	June	,	46,838				46,838
2013	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	m ³			
	January		54,911				54,911
	January February						54,911 28,780

April 4,699 33,742 38,444 38,441 38,441 38,441 31,449 2,465 25,672 38,137 38,241 31,449 32,465 25,672 38,137 38,241 38,241 38,241 38,241 38,241 38,241 38,241 38,241 38,241 38,241 38,241 38,278 38,27								
May		March		55,527				55,527
May		April	4.699	33.742				38.441
Display								
August			_,:55				1	
August September 35,081 36,081	2014							
September								
October 1,949 14,325 16,272 22,526								
November 1,949								
December 6,156 22,772 28,928								
January 39,105 39,105 39,105 66,014								
January 33,105 33,105 66,014 66,014		December						28,928
February 66,014 66,014 66,014 66,014 March 10,008 7,449 17,457 4971 4,535 34,801 39,336 39,336 May 5,578 36,371 41,999 53,075 30,009 53,075 30,009 53,075 30,009 53,075 30,009 53,075 30,009 53,075 30,009 53,075 30,009 53,009 53,009 53,009 53,009 53,009 53,009 53,009 53,009 53,009 53,009 53,009 54,146 54			2014 total =	465,501	m³			
March 10,008 7,449 12,245 14,949 14,		January		39,105				39,105
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 55,139 56,139 56,139 October 17,770 22,519 42,289 November 29,360 29,360 29,360 29,360 20,000 20,0		February		66,014				66,014
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 55,146 55,139 56,139 October 17,770 22,519 40,288 November 22,360 23,60 22,360 December 54,775 54,775 2015 total = 55,632 m² January 64,363 63 64,363 64,363 64,363 76,775 April 1,483 38,111 39,594 August 6,239 32,622 33,861 June 52,115 52,115 52,115 52,115 72,115 72,115 72,175		March	10,008	7,449				17,457
May		April	4.535	+				
2015 June 2,076 50,999 53,075 70,037 August 4,525 65,512 70,037 August 4,525 65,512 70,037 August 4,526 56,139 56,139 56,139 60,289 70,089 70,289								
August							1	
August 56,146 56,139 56	2015							
September			7,323					
October 17,770 22,519 40,289 November 29,360 29,360 December 54,775 54,775 2015 total = 552,682 m³ 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 January 15,474 15,474 February 18,726 18,726 March 58,397 58,397 April 49,875 49,875								
November 29,360 29,360 29,360 29,360 29,360 29,360 29,360 29,360 29,360 29,360 24,775 54,775 54,775 54,775 54,775 54,775 54,775 54,775 54,775 54,775 54,775 54,375 54,363 64,363			47.770					
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January		December						54,775
February 61,124 61,124 62,5023 April 1,483 38,111 39,594 May 20,408 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 16,768 October 12,967 12,967 November 25,856 25,856 December 29,890 29,890 2016 total = 419,564 m³ 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 July 2,610 24,373 26,903 August 29,455 September 20,168 20,168 October 13,674 13,674 November 48,352 48,352 December 48,352 48,352 December 48,352 48,352 December 32,027 February 32,027 February 35,777 March 35,445 35,445 April 22,108 13,631 July 38,513 38,513 June 38,030 38,030 July 11,410 11,410 August 31,333 September 27,587 27,587			2015 total =	552,682	m³			
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 = 419,564 419,564 March 58,397 35,837 April 49,875 49,875 May 12,013 26,800 38,841 August 29,455 59,100 38,800 2017 July 2,610 24,373 26,988 October 13,674 13,674 November 20,168 20,168 October 13,674 13,674 November 32,9455 29,455 September 20,168 20,168 October 13,674 13,674 November 48,352 24,835 December 32,027 February 35,777 March 35,445 35,445 April 405,524 m³ January 32,027 February 35,777 March 35,445 35,445 April 22,108 38,030 June 38,030 June 38,030 38,030 June 38,030 July 11,410 July 11,410 August 31,333 September 27,587		January		64,363				64,363
April 1,483 38,111 39,594 May 20,408 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 16,768 October 12,967 12,967 November 25,856 52,856 December 29,890 29,890 2016 total = 419,564 m³ 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 26,980 October 13,674 13,674 November 20,168 20,455 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 January 32,027 February 35,777 35,777 March 35,445 April 22,108 22,108 May 38,513 June 38,030 38,030 June 38,030 June 38,030 38,030 June 38,030 June 38,030 38,030 July 11,410 11,410 August 31,333 31,333 September 27,587		February		61,124				61,124
April 1,483 38,111 39,594 May 20,408 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 16,768 October 12,967 12,967 November 25,856 52,856 December 29,890 29,890 2016 total = 419,564 m³ 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 26,980 October 13,674 13,674 November 20,168 20,455 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 January 32,027 February 35,777 35,777 March 35,445 April 22,108 22,108 May 38,513 June 38,030 38,030 June 38,030 June 38,030 38,030 June 38,030 June 38,030 38,030 July 11,410 11,410 August 31,333 31,333 September 27,587		March	3,747	21,276				25,023
May		April						
June			, ==					
July							+	
August 6,239 32,622 38,861 September 16,768 October 12,967 November 25,856 December 29,890 29,890 2016 total = 419,564 m³ January 15,474 15,474 February 18,726 18,726 March 58,397 59,897 May 12,013 26,800 338,813 June 19,083 49,521 68,604 July 2,610 24,373 26,983 August 29,455 September 20,168 20,168 October 13,674 13,674 November 48,352 48,352 December 17,003 17,003 January 15,474 February 15,474 February 15,474 February 15,474 February 18,726 February 12,013 26,800 February 13,674 February 13,027 February 32,027 February 35,777 March 35,445 April 22,108 May 38,513 June 38,030 June 3	2016		7 164					
September 16,768 16,768 12,967 12,967 12,967 12,967 12,967 12,967 12,967 12,967 12,967 12,967 12,967 12,967 12,967 12,967 12,967 12,9890 12,9890 12,9890 12,9890 12,9890 12,9890 12,016 12,474 15,474 15,474 15,474 15,474 15,474 16,726 18,726 1							+	
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November 25,856 25,856 29,890 29,890 29,890 29,890 29,890 29,890 29,890 29,890 29,890 29,890 29,890 29,890 29,890 29,890 29,890 29,890 29,890 29,890 20,890 20,800							-	
December 29,890 29,895 29,895 29,895 29,895 29,495				-				
January								
January		December						29,890
February 18,726 18,726 18,726 March 58,397 58,397 49,875 49,875 49,875 49,875 May 12,013 26,800 38,813 26,983 49,521 40,875 40,			2016 total =	419,564	m³			
March		January		15,474				15,474
April 49,875 49,875 49,875 May 12,013 26,800 38,813 49,521 68,604 49,875 40,000 49,875 40,000 49,875 40,000 49,875		February		18,726				18,726
April 49,875 49,875 49,875 May 12,013 26,800 38,813 49,521 68,604 49,875 40,000 49,875 40,000 49,875 40,000 49,875		March		58,397				58,397
May		April						
June 19,083 49,521 68,604			12.013					
July 2,610 24,373 26,983 29,455 29,455 29,455 September 20,168 20,168 20,168 0,674 13,674 13,674 13,674 14,352 20,168 20							1	
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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 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			2,010			1	1	
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March 35,445 April 22,108 May 38,513 June 38,030 July 11,410 August 31,333 September 27,587 35,445 April 22,108 April 22,108 April 22,108 April 22,108 April 21,108 April 22,108 April 21,108 April 22,108 April 21,108 April 22,108 April 22,		January						32,027
April 22,108 22,108 May 38,513 38,513 June 38,030 38,030 July 11,410 11,410 August 31,333 September 27,587 27,587		February		35,777				35,777
April 22,108 22,108 May 38,513 38,513 June 38,030 38,030 July 11,410 11,410 August 31,333 September 27,587 27,587		March		35,445				35,445
2018 May 38,513 38,513 38,513 38,030 38,030 38,030 38,030 38,030 31,410 August 31,333 31,333 September 27,587 27,587							1	
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July 11,410 11,410 August 31,333 31,333 September 27,587 27,587							1	
August 31,333 31,333 September 27,587 27,587	2018						+	
September 27,587 27,587				+			1	
							+	
October 38,121 38,121							-	
		October		38,121				38,121

	November	12,351	7,086				19,43
	December	2,914	28,545				31,45
		2018 total =	361,247	m ³			
	January		24,515				24,5 1
	February		49,143				49,14
	March		26,045				26,04
	April		38,412				38,43
	May		26,935				26,93
2019	June		53,076				53,07
2019	July		50,124				50,12
	August		24,258				24,25
	September		21,950				21,95
	October	15,211	4,301				19,53
	November		13,761				13,70
	December		12,321				12,3
		2019 total =	360,052	m ³			
	January		17,653				17,6
	February		18,901				18,9
	March		44,641				44,6
	April		30,744				30,7
	May	14,400	44,836				59,2
2020	June		59,634				59,6
2020	July						
	August						
	September						
	October						
	November						
	December						
		2020 total =	230,809	m ³			
	. /2000 = .		0 === 4 00	201.110		40.004	
Total	s (2000-Today)	818,785	8,753,168	264,112	31,931	12,264	9,880,2