

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 | 111,495 | 0 | 0 | 0 | 111,495 |
| | April | 18,968 | 51,489 | 0 | 0 | 0 | 70,457 |
| | May | 48,290 | 20,009 | 0 | 0 | 0 | 68,299 |
| | June | 0 | 61,800 | 0 | 0 | 0 | 61,800 |
| | July | 0 | 84,263 | 0 | 0 | 0 | 84,263 |
| | August | 0 | 0 | 28,161 | 0 | 0 | 28,161 |
| | September | 0 | 0 | 46,940 | 0 | 0 | 46,940 |
| | October | 0 | 7,720 | 22,178 | 0 | 1,586 | 31,484 |
| | November | 0 | 52,113 | 0 | 0 | 0 | 52,113 |
| | December | 0 | 20,857 | 0 | 0 | 0 | 20,857 |
| 2001 total = 575,869 m ³ | | | | | | | |
| 2002 | January | 0 | 38,284 | 0 | 0 | 0 | 38,284 |
| | February | 0 | 16,198 | 45,233 | 0 | 0 | 61,431 |
| | March | 0 | 75,401 | 0 | 0 | 0 | 75,401 |
| | April | 30,176 | 53,571 | 0 | 0 | 0 | 83,747 |
| | May | 14,339 | 67,521 | 0 | 0 | 0 | 81,860 |
| | June | 0 | 78,377 | 0 | 0 | 0 | 78,377 |
| | July | 0 | 91,417 | 0 | 0 | 0 | 91,417 |
| | August | 0 | 117,842 | 0 | 0 | 0 | 117,842 |
| | September | 19,345 | 15,988 | 0 | 0 | 0 | 35,333 |
| | October | 8,012 | 9,978 | 10,248 | 0 | 0 | 28,238 |
| | November | 0 | 0 | 22,836 | 0 | 0 | 22,836 |
| | December | 0 | 0 | 6,598 | 0 | 0 | 6,598 |
| 2002 total = 721,364 m ³ | | | | | | | |
| 2003 | January | 0 | 2 | 0 | 0 | 0 | 2 |
| | February | 0 | 86,239 | 17,764 | 0 | 0 | 104,003 |
| | March | 14,583 | 65,302 | 0 | 0 | 0 | 79,885 |
| | April | 19,853 | 78,621 | 0 | 0 | 0 | 98,474 |
| | May | 0 | 100,144 | 0 | 0 | 0 | 100,144 |
| | June | 31,482 | 36,561 | 0 | 0 | 0 | 68,043 |
| | July | 4,306 | 73,652 | 0 | 0 | 0 | 77,958 |
| | August | 0 | 68,280 | 0 | 0 | 0 | 68,280 |
| | September | 0 | 33,338 | 0 | 10,722 | 0 | 44,060 |
| | October | 0 | 9,634 | 18,473 | 21,209 | 0 | 49,316 |
| | November | 0 | 9,379 | 36,100 | 0 | 0 | 45,479 |
| | December | 0 | 41,801 | 9,581 | 0 | 0 | 51,382 |
| 2003 total = 787,026 m ³ | | | | | | | |
| 2004 | January | 0 | 48,374 | 0 | 0 | 0 | 48,374 |
| | February | 0 | 23,677 | 0 | 0 | 0 | 23,677 |
| | March | 36,813 | 38,639 | 0 | 0 | 0 | 75,452 |
| | April | 0 | 32,640 | 0 | 0 | 0 | 32,640 |
| | May | 0 | 18,668 | 0 | 0 | 0 | 18,668 |
| | June | 0 | 44,519 | 0 | 0 | 0 | 44,519 |
| | July | 0 | 54,993 | 0 | 0 | 0 | 54,993 |
| | August | 0 | 25,963 | 0 | 0 | 0 | 25,963 |
| | September | 0 | 59,112 | 0 | 0 | 0 | 59,112 |
| | October | 0 | 40,404 | 0 | 0 | 0 | 40,404 |
| | November | 0 | 37,716 | 0 | 0 | 0 | 37,716 |
| | December | 0 | 34,849 | 0 | 0 | 0 | 34,849 |
| 2004 total = 496,367 m ³ | | | | | | | |

| Year | Month | Duranbah | SR-E | Kirra | Greenmount | SR-W | Total |
|-------------------------|-----------|----------|---------|-------|------------|------|---------|
| 2005 | January | 0 | 56,160 | 0 | 0 | 0 | 56,160 |
| | February | 0 | 58,972 | 0 | 0 | 0 | 58,972 |
| | March | 0 | 56,585 | 0 | 0 | 0 | 56,585 |
| | April | 6,527 | 75,942 | 0 | 0 | 0 | 82,469 |
| | May | 17,821 | 70,400 | 0 | 0 | 0 | 88,221 |
| | June | 0 | 98,493 | 0 | 0 | 0 | 98,493 |
| | July | 0 | 54,511 | 0 | 0 | 0 | 54,511 |
| | August | 0 | 95,636 | 0 | 0 | 0 | 95,636 |
| | September | 0 | 31,587 | 0 | 0 | 0 | 31,587 |
| | October | 0 | 43,796 | 0 | 0 | 0 | 43,796 |
| | November | 5,231 | 27,804 | 0 | 0 | 0 | 33,035 |
| | December | 12,108 | 13,358 | 0 | 0 | 0 | 25,466 |
| 2005 total = 724,931 m³ | | | | | | | |
| 2006 | January | 0 | 56,231 | 0 | 0 | 0 | 56,231 |
| | February | 0 | 70,596 | 0 | 0 | 0 | 70,596 |
| | March | 0 | 51,602 | 0 | 0 | 0 | 51,602 |
| | April | 13,715 | 7,134 | 0 | 0 | 0 | 20,849 |
| | May | 23,551 | 0 | 0 | 0 | 0 | 23,551 |
| | June | 6,903 | 57,402 | 0 | 0 | 0 | 64,305 |
| | July | 0 | 115,009 | 0 | 0 | 0 | 115,009 |
| | August | 0 | 39,955 | 0 | 0 | 0 | 39,955 |
| | September | 0 | 35,988 | 0 | 0 | 0 | 35,988 |
| | October | 0 | 17,705 | 0 | 0 | 0 | 17,705 |
| | November | 22,930 | 3,004 | 0 | 0 | 0 | 25,934 |
| | December | 0 | 30,559 | 0 | 0 | 0 | 30,559 |
| 2006 total = 552,284 m³ | | | | | | | |
| 2007 | January | 0 | 27,203 | 0 | 0 | 0 | 27,203 |
| | February | 0 | 58,002 | 0 | 0 | 0 | 58,002 |
| | March | 0 | 52,736 | 0 | 0 | 0 | 52,736 |
| | April | 0 | 37,505 | 0 | 0 | 0 | 37,505 |
| | May | 19,766 | 19,496 | 0 | 0 | 0 | 39,262 |
| | June | 1,956 | 60,129 | 0 | 0 | 0 | 62,085 |
| | July | 0 | 70,689 | 0 | 0 | 0 | 70,689 |
| | August | 0 | 83,698 | 0 | 0 | 0 | 83,698 |
| | September | 5,572 | 45,694 | 0 | 0 | 0 | 51,266 |
| | October | 0 | 14,069 | 0 | 0 | 0 | 14,069 |
| | November | 2,274 | 18,635 | 0 | 0 | 0 | 20,909 |
| | December | 17,711 | 27,112 | 0 | 0 | 0 | 44,823 |
| 2007 total = 562,247 m³ | | | | | | | |
| 2008 | January | 8,452 | 42,221 | 0 | 0 | 0 | 50,673 |
| | February | 0 | 47,518 | 0 | 0 | 0 | 47,518 |
| | March | 21,048 | 29,927 | 0 | 0 | 0 | 50,975 |
| | April | 8,750 | 63,642 | 0 | 0 | 0 | 72,392 |
| | May | 0 | 62,086 | 0 | 0 | 0 | 62,086 |
| | June | 0 | 64,782 | 0 | 0 | 0 | 64,782 |
| | July | 0 | 51,114 | 0 | 0 | 0 | 51,114 |
| | August | 0 | 64,894 | 0 | 0 | 0 | 64,894 |
| | September | 2,887 | 54,104 | 0 | 0 | 0 | 56,991 |
| | October | 15,220 | 11,235 | 0 | 0 | 0 | 26,455 |
| | November | 9,140 | 23,086 | 0 | 0 | 0 | 32,226 |
| | December | 0 | 5,703 | 0 | 0 | 0 | 5,703 |
| 2008 total = 585,809 m³ | | | | | | | |

| Year | Month | Duranbah | SR-E | Kirra | Greenmount | SR-W | Total |
|-------------------------|-----------|----------|--------|-------|------------|-------|--------|
| 2009 | January | 0 | 35,488 | 0 | 0 | 0 | 35,488 |
| | February | 4,325 | 33,481 | 0 | 0 | 0 | 37,806 |
| | March | 0 | 48,644 | 0 | 0 | 0 | 48,644 |
| | April | 14,296 | 61,554 | 0 | 0 | 0 | 75,850 |
| | May | 21,779 | 28,745 | 0 | 0 | 0 | 50,524 |
| | June | 0 | 12,703 | 0 | 0 | 0 | 12,703 |
| | July | 0 | 17,172 | 0 | 0 | 2,881 | 20,053 |
| | August | 3,411 | 22,853 | 0 | 0 | 7,797 | 34,061 |
| | September | 0 | 40,140 | 0 | 0 | 0 | 40,140 |
| | October | 0 | 31,852 | 0 | 0 | 0 | 31,852 |
| | November | 0 | 14,067 | 0 | 0 | 0 | 14,067 |
| | December | 0 | 8,044 | 0 | 0 | 0 | 8,044 |
| 2009 total = 409,232 m³ | | | | | | | |
| 2010 | January | 0 | 6,641 | 0 | 0 | 0 | 6,641 |
| | February | 0 | 58,309 | 0 | 0 | 0 | 58,309 |
| | March | 0 | 51,041 | 0 | 0 | 0 | 51,041 |
| | April | 0 | 38,304 | 0 | 0 | 0 | 38,304 |
| | May | 12,868 | 23,515 | 0 | 0 | 0 | 36,383 |
| | June | 8,913 | 24,028 | 0 | 0 | 0 | 32,941 |
| | July | 0 | 33,722 | 0 | 0 | 0 | 33,722 |
| | August | 0 | 11,582 | 0 | 0 | 0 | 11,582 |
| | September | 0 | 27,708 | 0 | 0 | 0 | 27,708 |
| | October | 0 | 43,208 | 0 | 0 | 0 | 43,208 |
| | November | 0 | 40,395 | 0 | 0 | 0 | 40,395 |
| | December | 0 | 15,375 | 0 | 0 | 0 | 15,375 |
| 2010 total = 395,609 m³ | | | | | | | |
| 2011 | January | 0 | 35,722 | 0 | 0 | 0 | 35,722 |
| | February | 6,460 | 23,080 | 0 | 0 | 0 | 29,540 |
| | March | 0 | 50,854 | 0 | 0 | 0 | 50,854 |
| | April | 0 | 45,325 | 0 | 0 | 0 | 45,325 |
| | May | 24,674 | 27,031 | 0 | 0 | 0 | 51,705 |
| | June | 0 | 63,363 | 0 | 0 | 0 | 63,363 |
| | July | 0 | 53,621 | 0 | 0 | 0 | 53,621 |
| | August | 0 | 56,251 | 0 | 0 | 0 | 56,251 |
| | September | 0 | 37,325 | 0 | 0 | 0 | 37,325 |
| | October | 24,729 | 20,206 | 0 | 0 | 0 | 44,935 |
| | November | 4,541 | 5,174 | 0 | 0 | 0 | 9,715 |
| | December | 0 | 39,813 | 0 | 0 | 0 | 39,813 |
| 2011 total = 518,169 m³ | | | | | | | |
| 2012 | January | 0 | 25,253 | 0 | 0 | 0 | 25,253 |
| | February | 0 | 32,198 | 0 | 0 | 0 | 32,198 |
| | March | 15,536 | 26,330 | 0 | 0 | 0 | 41,866 |
| | April | 0 | 38,530 | 0 | 0 | 0 | 38,530 |
| | May | 20,939 | 10,851 | 0 | 0 | 0 | 31,790 |
| | June | 0 | 64,953 | 0 | 0 | 0 | 64,953 |
| | July | 12,044 | 36,299 | 0 | 0 | 0 | 48,343 |
| | August | 0 | 28,406 | 0 | 0 | 0 | 28,406 |
| | September | 0 | 22,916 | 0 | 0 | 0 | 22,916 |
| | October | 7,893 | 35,461 | 0 | 0 | 0 | 43,354 |
| | November | 1,070 | 26,922 | 0 | 0 | 0 | 27,992 |
| | December | 0 | 30,491 | 0 | 0 | 0 | 30,491 |
| 2012 total = 436,092 m³ | | | | | | | |

| Year | Month | Duranbah | SR-E | Kirra | Greenmount | SR-W | Total |
|-------------------------|-----------|----------|--------|-------|------------|------|--------|
| 2013 | January | 0 | 40,117 | 0 | 0 | 0 | 40,117 |
| | February | 0 | 29,178 | 0 | 0 | 0 | 29,178 |
| | March | 2,236 | 17,149 | 0 | 0 | 0 | 19,385 |
| | April | 0 | 19,406 | 0 | 0 | 0 | 19,406 |
| | May | 3,885 | 26,706 | 0 | 0 | 0 | 30,591 |
| | June | 0 | 46,838 | 0 | 0 | 0 | 46,838 |
| | July | 2,841 | 35,699 | 0 | 0 | 0 | 38,540 |
| | August | 0 | 13,429 | 0 | 0 | 0 | 13,429 |
| | September | 0 | 23,780 | 0 | 0 | 0 | 23,780 |
| | October | 0 | 15,882 | 0 | 0 | 0 | 15,882 |
| | November | 1,642 | 19,526 | 0 | 0 | 0 | 21,168 |
| | December | 0 | 21,569 | 0 | 0 | 0 | 21,569 |
| 2013 total = 319,883 m³ | | | | | | | |
| 2014 | January | 0 | 54,911 | 0 | 0 | 0 | 54,911 |
| | February | 0 | 28,780 | 0 | 0 | 0 | 28,780 |
| | March | 0 | 55,527 | 0 | 0 | 0 | 55,527 |
| | April | 4,699 | 33,742 | 0 | 0 | 0 | 38,441 |
| | May | 2,465 | 25,672 | 0 | 0 | 0 | 28,137 |
| | June | 0 | 26,473 | 0 | 0 | 0 | 26,473 |
| | July | 0 | 52,155 | 0 | 0 | 0 | 52,155 |
| | August | 0 | 80,278 | 0 | 0 | 0 | 80,278 |
| | September | 0 | 35,081 | 0 | 0 | 0 | 35,081 |
| | October | 0 | 20,516 | 0 | 0 | 0 | 20,516 |
| | November | 1,949 | 14,325 | 0 | 0 | 0 | 16,274 |
| | December | 6,156 | 22,772 | 0 | 0 | 0 | 28,928 |
| 2014 total = 465,501 m³ | | | | | | | |
| 2015 | January | 0 | 39,105 | 0 | 0 | 0 | 39,105 |
| | February | 0 | 66,014 | 0 | 0 | 0 | 66,014 |
| | March | 10,008 | 7,449 | 0 | 0 | 0 | 17,457 |
| | April | 4,535 | 34,801 | 0 | 0 | 0 | 39,336 |
| | May | 5,578 | 36,371 | 0 | 0 | 0 | 41,949 |
| | June | 2,076 | 50,999 | 0 | 0 | 0 | 53,075 |
| | July | 4,525 | 65,512 | 0 | 0 | 0 | 70,037 |
| | August | 0 | 45,146 | 0 | 0 | 0 | 45,146 |
| | September | 0 | 56,139 | 0 | 0 | 0 | 56,139 |
| | October | 17,770 | 22,519 | 0 | 0 | 0 | 40,289 |
| | November | 0 | 29,360 | 0 | 0 | 0 | 29,360 |
| | December | 0 | 54,775 | 0 | 0 | 0 | 54,775 |
| 2015 total = 552,682 m³ | | | | | | | |
| 2016 | January | 0 | 64,363 | 0 | 0 | 0 | 64,363 |
| | February | 0 | 61,124 | 0 | 0 | 0 | 61,124 |
| | March | 3,747 | 21,276 | 0 | 0 | 0 | 25,023 |
| | April | 1,483 | 38,111 | 0 | 0 | 0 | 39,594 |
| | May | 0 | 20,408 | 0 | 0 | 0 | 20,408 |
| | June | 0 | 52,115 | 0 | 0 | 0 | 52,115 |
| | July | 7,164 | 25,431 | 0 | 0 | 0 | 32,595 |
| | August | 6,239 | 32,622 | 0 | 0 | 0 | 38,861 |
| | September | 0 | 16,768 | 0 | 0 | 0 | 16,768 |
| | October | 0 | 12,967 | 0 | 0 | 0 | 12,967 |
| | November | 0 | 25,856 | 0 | 0 | 0 | 25,856 |
| | December | 0 | 29,890 | 0 | 0 | 0 | 29,890 |
| 2016 total = 419,564 m³ | | | | | | | |

| Year | Month | Duranbah | SR-E | Kirra | Greenmount | SR-W | Total |
|-------------------------|-----------|----------|--------|-------|------------|------|--------|
| 2017 | January | 0 | 15,474 | 0 | 0 | 0 | 15,474 |
| | February | 0 | 18,726 | 0 | 0 | 0 | 18,726 |
| | March | 0 | 58,397 | 0 | 0 | 0 | 58,397 |
| | April | 0 | 49,875 | 0 | 0 | 0 | 49,875 |
| | May | 12,013 | 26,800 | 0 | 0 | 0 | 38,813 |
| | June | 19,083 | 49,521 | 0 | 0 | 0 | 68,604 |
| | July | 2,610 | 24,373 | 0 | 0 | 0 | 26,983 |
| | August | 0 | 29,455 | 0 | 0 | 0 | 29,455 |
| | September | 0 | 20,168 | 0 | 0 | 0 | 20,168 |
| | October | 0 | 13,674 | 0 | 0 | 0 | 13,674 |
| | November | 0 | 48,352 | 0 | 0 | 0 | 48,352 |
| | December | 0 | 17,003 | 0 | 0 | 0 | 17,003 |
| 2017 total = 405,524 m³ | | | | | | | |
| 2018 | January | 0 | 32,027 | 0 | 0 | 0 | 32,027 |
| | February | 0 | 35,777 | 0 | 0 | 0 | 35,777 |
| | March | 0 | 35,445 | 0 | 0 | 0 | 35,445 |
| | April | 0 | 22,108 | 0 | 0 | 0 | 22,108 |
| | May | 0 | 38,513 | 0 | 0 | 0 | 38,513 |
| | June | 0 | 38,030 | 0 | 0 | 0 | 38,030 |
| | July | 0 | 11,410 | 0 | 0 | 0 | 11,410 |
| | August | 0 | 31,333 | 0 | 0 | 0 | 31,333 |
| | September | 0 | 27,587 | 0 | 0 | 0 | 27,587 |
| | October | 0 | 38,121 | 0 | 0 | 0 | 38,121 |
| | November | 12,351 | 7,086 | 0 | 0 | 0 | 19,437 |
| | December | 2914 | 28,545 | 0 | 0 | 0 | 31,459 |
| 2018 total = 361,247 m³ | | | | | | | |
| 2019 | January | 0 | 24,515 | 0 | 0 | 0 | 24,515 |
| | February | 0 | 49,143 | 0 | 0 | 0 | 49,143 |
| | March | 0 | 26,045 | 0 | 0 | 0 | 26,045 |
| | April | 0 | 38,412 | 0 | 0 | 0 | 38,412 |
| | May | 0 | 26,935 | 0 | 0 | 0 | 26,935 |
| | June | 0 | 53,076 | 0 | 0 | 0 | 53,076 |
| | July | 0 | 50,124 | 0 | 0 | 0 | 50,124 |
| | August | 0 | 24,258 | 0 | 0 | 0 | 24,258 |
| | September | 0 | 21,950 | 0 | 0 | 0 | 21,950 |
| | October | 15,211 | 4,301 | 0 | 0 | 0 | 19,512 |
| | November | 0 | 13,761 | 0 | 0 | 0 | 13,761 |
| | December | 0 | 12,321 | 0 | 0 | 0 | 12,321 |
| 2019 total = 360,052 m³ | | | | | | | |
| 2020 | January | 0 | 17,653 | 0 | 0 | 0 | 17,653 |
| | February | 0 | 18,901 | 0 | 0 | 0 | 18,901 |
| | March | 0 | 44,641 | 0 | 0 | 0 | 44,641 |
| | April | 0 | 30,744 | 0 | 0 | 0 | 30,744 |
| | May | 14,415 | 44,821 | 0 | 0 | 0 | 59,236 |
| | June | 0 | 59,634 | 0 | 0 | 0 | 59,634 |
| | July | 0 | 72,403 | 0 | 0 | 0 | 72,403 |
| | August | 0 | 25,980 | 0 | 0 | 0 | 25,980 |
| | September | 0 | 16,791 | 0 | 0 | 0 | 16,791 |
| | October | 12,857 | 9,820 | 0 | 0 | 0 | 22,677 |
| | November | 5,981 | 21,352 | 0 | 0 | 0 | 27,333 |
| | December | 0 | 31,038 | 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 | 0 | 0 | 0 | 0 | |
| | March | 0 | 0 | 0 | 0 | 0 | |
| | April | 0 | 0 | 0 | 0 | 0 | |
| | May | 0 | 0 | 0 | 0 | 0 | |
| | June | 0 | 0 | 0 | 0 | 0 | |
| | July | 0 | 0 | 0 | 0 | 0 | |
| | August | 0 | 0 | 0 | 0 | 0 | |
| | September | 0 | 0 | 0 | 0 | 0 | |
| | October | 0 | 0 | 0 | 0 | 0 | |
| | November | 0 | 0 | 0 | 0 | 0 | |
| | December | 0 | 0 | 0 | 0 | 0 | |
| 2021 total = 12,694 m³ | | | | | | | |
| Totals (2000-2020) | | 837,640 | 8,943,230 | 264,112 | 31,931 | 12,264 | 10,089,177 |