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Skyline Mine - Mine and Well Discharge - July 2018

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All:

Per Special Permit Condition #2 attached is the Skyline Mine monthly flow data for discharges into Eccles creek – updated through July 2018.

Thanks

Taylon Earl



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Skyline Mine

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2 attachments



Mine-James- Discharge July 2018.pdf

65K



Mine-James- Discharge.xls

3940K

| | | Scofield Reservoir Storage Capacity 73,600 ac-ft | | | | | | Electric Lake Storage Capacity 31,500 ac-ft | | | | | | | | | | Discharge to Both Drainages | | | |
|--------|------|--|------|------|----------------|---------|-------|---|------|----------------|------------|-----|-----|-----------|---------------|-------|----------------|-----------------------------|---------|------------|--|
| | | ECCLES CREEK | | | | | | ELECTRIC LAKE | | | | | | | | | | | | | |
| | | Discharge to Eccles | | | Cumulative | | | JC-1 Well | | | Cumulative | | | JC-3 Well | | | Cumulative | | | Cumulative | |
| Month | Days | GPM | CFS | MGD | Gallons | Ac-Ft | GPM | CFS | MGD | Gallons | Ac-Ft | GPM | CFS | MGD | Gallons | Ac-Ft | Gallons | Ac-Ft | Gallons | Acre-Feet | |
| Jan-16 | 31 | 2,163 | 4.8 | 3.11 | 33,857,963,846 | 103,906 | 4,133 | 9.2 | 5.95 | 25,884,888,871 | 79,438 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 61,286,791,173 | 188,082 | | | |
| Feb-16 | 29 | 2,460 | 5.5 | 3.54 | 33,960,693,446 | 104,222 | 4,057 | 9.0 | 5.84 | 26,054,309,191 | 79,958 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 61,558,941,093 | 188,917 | | | |
| Mar-16 | 31 | 2,541 | 5.7 | 3.66 | 34,074,123,686 | 104,570 | 4,041 | 9.0 | 5.82 | 26,234,699,431 | 80,511 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 61,852,761,573 | 189,819 | | | |
| Apr-16 | 30 | 2,553 | 5.7 | 3.68 | 34,184,413,286 | 104,908 | 3,728 | 8.3 | 5.37 | 26,395,749,031 | 81,006 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 62,124,100,773 | 190,652 | | | |
| May-16 | 31 | 2,830 | 6.3 | 4.08 | 34,310,744,486 | 105,296 | 3,072 | 6.8 | 4.42 | 26,532,883,111 | 81,426 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 62,387,566,053 | 191,460 | | | |
| Jun-16 | 30 | 2,857 | 6.4 | 4.11 | 34,434,166,886 | 105,675 | 4,171 | 9.3 | 6.01 | 26,713,070,311 | 81,979 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 62,691,175,653 | 192,392 | | | |
| Jul-16 | 31 | 2,657 | 5.9 | 3.83 | 34,552,775,366 | 106,039 | 4,106 | 9.1 | 5.91 | 26,896,362,151 | 82,542 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 62,993,075,973 | 193,319 | | | |
| Aug-16 | 31 | 3,035 | 6.8 | 4.37 | 34,688,257,766 | 106,454 | 3,517 | 7.8 | 5.06 | 27,053,361,031 | 83,024 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 63,285,557,253 | 194,216 | | | |
| Sep-16 | 30 | 2,766 | 6.2 | 3.98 | 34,807,748,966 | 106,821 | 4,116 | 9.2 | 5.93 | 27,231,172,231 | 83,569 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 63,582,859,653 | 195,129 | | | |
| Oct-16 | 31 | 2,712 | 6.0 | 3.91 | 34,928,812,646 | 107,193 | 3,799 | 8.5 | 5.47 | 27,400,759,591 | 84,090 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 63,873,510,693 | 196,021 | | | |
| Nov-16 | 30 | 2,384 | 5.3 | 3.43 | 35,031,801,446 | 107,509 | 4,241 | 9.4 | 6.11 | 27,583,970,791 | 84,652 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 64,159,710,693 | 196,899 | | | |
| Dec-16 | 31 | 2,623 | 5.8 | 3.78 | 35,148,892,166 | 107,868 | 3,678 | 8.2 | 5.30 | 27,748,156,711 | 85,156 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 64,440,987,333 | 197,762 | | | |
| Jan-17 | 31 | 2,759 | 6.1 | 3.97 | 35,272,053,926 | 108,246 | 4,242 | 9.5 | 6.11 | 27,937,519,591 | 85,737 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 64,753,511,973 | 198,721 | | | |
| Feb-17 | 28 | 3,000 | 6.7 | 4.32 | 35,393,013,926 | 108,617 | 4,185 | 9.3 | 6.03 | 28,106,258,791 | 86,255 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 65,043,211,173 | 199,610 | | | |
| Mar-17 | 31 | 3,055 | 6.8 | 4.40 | 35,529,389,126 | 109,036 | 3,885 | 8.7 | 5.59 | 28,279,685,191 | 86,787 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 65,353,012,773 | 200,561 | | | |
| Apr-17 | 30 | 2,803 | 6.2 | 4.04 | 35,650,478,726 | 109,407 | 4,248 | 9.5 | 6.12 | 28,463,198,791 | 87,350 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 65,657,615,973 | 201,496 | | | |
| May-17 | 31 | 2,821 | 6.3 | 4.06 | 35,776,408,166 | 109,794 | 3,029 | 6.7 | 4.36 | 28,598,413,351 | 87,765 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 65,918,759,973 | 202,297 | | | |
| Jun-17 | 30 | 2,889 | 6.4 | 4.16 | 35,901,212,966 | 110,177 | 4,226 | 9.4 | 6.09 | 28,780,976,551 | 88,326 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 66,226,127,973 | 203,241 | | | |
| Jul-17 | 31 | 3,194 | 7.1 | 4.60 | 36,043,793,126 | 110,614 | 3,305 | 7.4 | 4.76 | 28,928,511,751 | 88,778 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 66,516,243,333 | 204,131 | | | |
| Aug-17 | 31 | 3,038 | 6.8 | 4.37 | 36,179,409,446 | 111,031 | 3,897 | 8.7 | 5.61 | 29,102,463,895 | 89,312 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 66,825,811,797 | 205,081 | | | |
| Sep-17 | 30 | 2,919 | 6.5 | 4.20 | 36,305,510,246 | 111,418 | 4,282 | 9.5 | 6.17 | 29,287,446,295 | 89,880 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 67,136,894,997 | 206,036 | | | |
| Oct-17 | 31 | 2,892 | 6.4 | 4.16 | 36,434,609,126 | 111,814 | 4,077 | 9.1 | 5.87 | 29,469,443,575 | 90,438 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 67,447,991,157 | 206,990 | | | |
| Nov-17 | 30 | 2,417 | 5.4 | 3.48 | 36,539,023,526 | 112,134 | 3,958 | 8.8 | 5.70 | 29,640,429,175 | 90,963 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 67,723,391,157 | 207,835 | | | |
| Dec-17 | 31 | 2,930 | 6.5 | 4.22 | 36,669,818,726 | 112,536 | 4,251 | 9.5 | 6.12 | 29,830,186,795 | 91,545 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 68,043,943,977 | 208,819 | | | |
| Jan-18 | 31 | 5,009 | 11.2 | 7.21 | 36,893,420,486 | 113,222 | 1,082 | 2.4 | 1.56 | 29,878,495,336 | 91,694 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 68,315,854,279 | 209,654 | | | |
| Feb-18 | 28 | 3,783 | 8.4 | 5.45 | 37,045,940,966 | 113,690 | - | 0.0 | 0.00 | 29,878,495,336 | 91,694 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 68,468,374,759 | 210,122 | | | |
| Mar-18 | 31 | 3,487 | 7.8 | 5.02 | 37,201,606,406 | 114,168 | - | 0.0 | 0.00 | 29,878,495,336 | 91,694 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 68,624,040,199 | 210,599 | | | |
| Apr-18 | 30 | 3,852 | 8.6 | 5.55 | 37,368,018,566 | 114,678 | - | 0.0 | 0.00 | 29,878,495,336 | 91,694 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 68,790,452,359 | 211,110 | | | |
| May-18 | 31 | 3,282 | 7.3 | 4.73 | 37,514,527,046 | 115,128 | - | 0.0 | 0.00 | 29,878,495,336 | 91,694 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 68,936,960,839 | 211,560 | | | |
| Jun-18 | 30 | 3,254 | 7.2 | 4.69 | 37,655,099,846 | 115,559 | - | 0.0 | 0.00 | 29,878,495,336 | 91,694 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 69,077,533,639 | 211,991 | | | |
| Jul-18 | 31 | 3,240 | 7.2 | 4.67 | 37,799,733,446 | 116,003 | - | 0.0 | 0.00 | 29,878,495,336 | 91,694 | - | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 69,222,167,239 | 212,435 | | | |

Problem With Pump, replacing motor