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## Skyline Mine - Mine and Well Discharge - February 2018

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Wed, Mar 7, 2018 at 2:51 PM

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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 February 2018

Thanks

Taylor Earl

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Skyline Mine

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### 2 attachments

**Mine-James- Discharge.xls**

3897K

**Mine-James- Discharge Feb 2018.pdf**

76K

|        |      | Scofield Reservoir Storage Capacity 73,600 ac-ft |      |      |                |         | Electric Lake Storage Capacity 31,500 ac-ft |     |      |                |        |           |     |      |               |       |                             |           |
|--------|------|--|------|------|----------------|---------|---|-----|------|----------------|--------|-----------|-----|------|---------------|-------|-----------------------------|-----------|
|        |      | ECCLES CREEK                                     |      |      |                |         | ELECTRIC LAKE                               |     |      |                |        |           |     |      |               |       | Discharge to Both Drainages |           |
|        |      | 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                     | Acre-Feet |
| Feb-15 | 28   | 1,940  | 4.3  | 2.79 | 32,977,042,406 | 101,203 | 4,352                                       | 9.7 | 6.27 | 23,953,222,471 | 73,510 | -         | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 58,474,203,333              | 179,451   |
| Mar-15 | 31   | 1,851  | 4.1  | 2.67 | 33,059,671,046 | 101,456 | 4,333                                       | 9.7 | 6.24 | 24,146,647,591 | 74,103 | -         | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 58,750,257,093              | 180,298   |
| Apr-15 | 30   | 2,270  | 5.1  | 3.27 | 33,157,735,046 | 101,757 | 4,314                                       | 9.6 | 6.21 | 24,333,012,391 | 74,675 | -         | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 59,034,685,893              | 181,171   |
| May-15 | 31   | 1,646  | 3.7  | 2.37 | 33,231,212,486 | 101,983 | 4,303                                       | 9.6 | 6.20 | 24,525,098,311 | 75,265 | -         | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 59,300,249,253              | 181,986   |
| Jun-15 | 30   | 1,776  | 4.0  | 2.56 | 33,307,935,686 | 102,218 | 3,443                                       | 7.7 | 4.96 | 24,673,835,911 | 75,721 | -         | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 59,525,710,053              | 182,678   |
| Jul-15 | 31   | 1,052  | 2.3  | 1.51 | 33,354,896,966 | 102,362 | 3,954                                       | 8.8 | 5.69 | 24,850,342,471 | 76,263 | -         | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 59,749,177,893              | 183,363   |
| Aug-15 | 31   | 1,910  | 4.3  | 2.75 | 33,440,159,366 | 102,624 | 3,246                                       | 7.2 | 4.67 | 24,995,243,911 | 76,708 | -         | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 59,979,341,733              | 184,070   |
| Sep-15 | 30   | 1,371  | 3.1  | 1.97 | 33,499,386,566 | 102,806 | 4,442                                       | 9.9 | 6.40 | 25,187,138,311 | 77,296 | -         | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 60,230,463,333              | 184,841   |
| Oct-15 | 31   | 1,850  | 4.1  | 2.66 | 33,581,970,566 | 103,059 | 3,286                                       | 7.3 | 4.73 | 25,333,825,351 | 77,747 | -         | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 60,459,734,373              | 185,544   |
| Nov-15 | 30   | 1,561  | 3.5  | 2.25 | 33,649,405,766 | 103,266 | 4,197                                       | 9.4 | 6.04 | 25,515,135,751 | 78,303 | -         | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 60,708,479,973              | 186,307   |
| Dec-15 | 31   | 2,509  | 5.6  | 3.61 | 33,761,407,526 | 103,610 | 4,150                                       | 9.2 | 5.98 | 25,700,391,751 | 78,872 | -         | 0.0 | 0.00 | 1,543,938,457 | 4,738 | 61,005,737,733              | 187,220   |
| 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   |