



## Quarterly Water Quality Status of the BLESBOKSPRUIT Catchment

As on 2019/02/04

| SAMPLE POINT   | QUARTER | ELEMENT |       |              |           |        |        |      |       |     |     |     |       |           |
|--|---------|---------|-------|--------------|-----------|--------|--------|------|-------|-----|-----|-----|-------|-----------|
|  |         | AL_TOT  | COD   | CONDUCTIVITY | FCOLI     | FE_TOT | MN_TOT | N    | NA    | NOX | P   | PH  | SS    | SULPHATES |
| BENONI AMATAPAN OUTLET   | 1       | 0.1     | 18.0  | 82.0         | 37.0      | 1.7    | 0.1    | 1.2  | 77.0  | 5.0 | 0.1 | 6.3 | 5.0   | 133.0     |
|  | 2       | 0.1     | 51.0  | 80.0         | 0.0       | 0.1    | 0.1    | 1.4  | 92.8  | 1.4 | 0.1 | 7.3 | 34.0  | 125.0     |
|  | 3       | 0.1     | 54.0  | 66.0         | 30.0      | 0.5    | 0.1    | 0.4  | 99.8  | 1.4 | 0.1 | 7.2 | 17.0  | 131.0     |
|  | 4       | 0.2     | 34.0  | 77.0         | 39.0      | 1.2    | 0.5    | 0.8  | 79.0  | 0.2 | 0.1 | 7.3 | 27.0  | 116.0     |
| BENONI CIVIC LAKE OUTLET: TOWN VOORTREKKER ST                            | 1       | 0.1     | 110.0 | 32.0         | 250.0     | 0.6    | 0.2    | 1.0  | 22.2  | 0.5 | 0.1 | 6.8 | 64.0  | 39.0      |
|  | 2       | 0.2     | 386.0 | 73.0         | 8 700.0   | 13.1   | 26.7   | 10.5 | 104.1 | 0.1 | 0.2 | 7.1 | 25.0  | 63.0      |
|  | 3       | 0.1     | 20.0  | 32.0         | 510.0     | 0.1    | 0.1    | 0.5  | 33.1  | 0.2 | 0.1 | 7.4 | 19.0  | 38.0      |
|  | 4       |         |       |              |           |        |        |      |       |     |     |     |       |           |
| BENONI HOMESTEAD DAM   | 1       | 0.1     | 16.0  | 31.0         | 4.0       | 0.1    | 0.1    | 0.2  | 22.7  | 0.2 | 0.3 | 7.8 | 11.0  | 38.0      |
|  | 2       | 0.6     | 5.0   | 33.0         | 4.0       | 0.9    | 0.2    | 0.5  | 23.1  | 0.2 | 0.1 | 7.8 | 5.0   | 38.0      |
|  | 3       | 0.1     | 14.0  | 30.0         | 23.0      | 0.1    | 0.1    | 0.3  | 15.7  | 0.3 | 0.1 | 7.3 | 5.0   | 41.0      |
|  | 4       | 0.1     | 13.0  | 31.0         | 63.0      | 0.1    | 0.1    | 0.5  | 21.8  | 0.3 | 0.1 | 6.5 | 5.0   | 38.0      |
| BENONI KLEINFONTEIN OUTLET: TOWN - PIONEER ST                            | 1       | 0.1     | 13.0  | 39.0         | 49.0      | 0.1    | 0.1    | 0.2  | 30.3  | 0.8 | 0.1 | 7.3 | 5.0   | 48.0      |
|  | 2       | 0.1     | 19.0  | 42.0         | 88.0      | 0.1    | 0.1    | 0.2  | 73.6  | 0.7 | 0.1 | 7.3 | 5.0   | 62.0      |
|  | 3       | 0.1     | 5.0   | 42.0         | 70.0      | 0.1    | 0.1    | 0.5  | 52.9  | 0.5 | 0.1 | 7.1 | 5.0   | 62.0      |
|  | 4       | 6.8     | 87.0  | 47.0         | 2 800.0   | 2.3    | 0.6    | 0.4  | 35.9  | 0.8 | 0.1 | 7.4 | 104.0 | 74.0      |
| BENONI MIDDLE LAKE: N12 BETWEEN BUNYAN AND TOM JONES ST                  | 1       | 0.1     | 19.0  | 30.0         | 140.0     | 0.3    | 0.1    | 0.2  | 20.5  | 0.7 | 0.1 | 7.2 | 5.0   | 34.0      |
|  | 2       | 0.1     | 11.0  | 25.0         | 280.0     | 0.1    | 0.1    | 0.5  | 18.5  | 2.0 | 0.1 | 7.1 | 10.0  | 20.0      |
|  | 3       | 0.1     | 13.0  | 32.0         | 240.0     | 0.1    | 0.1    | 0.2  | 30.7  | 0.5 | 0.1 | 6.9 | 14.0  | 38.0      |
|  | 4       | 0.2     | 36.0  | 31.0         | 7 000.0   | 0.3    | 0.1    | 1.0  | 18.4  | 1.6 | 0.1 | 7.4 | 5.0   | 26.0      |
| BENONI RYNFIELD DAM OUTLET NEXT TO MAIN ENTRANCE                         | 1       | 0.3     | 46.0  | 21.0         | 1.0       | 0.4    | 0.1    | 0.6  | 14.4  | 0.3 | 0.1 | 8.0 | 24.0  | 31.0      |
|  | 2       | 0.1     | 31.0  | 23.0         | 90.0      | 1.0    | 0.1    | 0.5  | 15.5  | 0.1 | 0.1 | 7.1 | 58.0  | 27.0      |
|  | 3       | 0.3     | 43.0  | 24.0         | 24.0      | 0.8    | 0.1    | 0.4  | 11.8  | 0.2 | 0.1 | 7.4 | 19.0  | 29.0      |
|  | 4       | 0.3     | 45.0  | 26.0         | 24.0      | 0.8    | 0.1    | 0.9  | 16.6  | 0.1 | 0.1 | 7.2 | 28.0  | 28.0      |
| BRAKPAN WATER FROM JAN SMUTS DAM ENTERING BLESBOKSPRUIT OF HOSPITAL ROAD | 1       | 0.1     | 59.0  | 58.0         | 310 000.0 | 0.1    | 0.1    | 1.8  | 63.5  | 3.7 | 0.4 | 6.9 | 5.0   | 81.0      |
|  | 2       | 0.1     | 15.0  | 64.0         | 6 800.0   | 0.1    | 0.1    | 1.0  | 64.5  | 1.4 | 0.3 | 7.2 | 17.0  | 75.0      |
|  | 3       | 0.1     | 35.0  | 73.0         | 150 000.0 | 1.2    | 0.6    | 1.8  | 81.4  | 0.1 | 0.9 | 7.1 | 26.0  | 53.0      |
|  | 4       | 0.1     | 37.0  | 77.0         | 18 000.0  | 0.4    | 0.6    | 2.0  | 76.6  | 0.8 | 1.4 | 7.2 | 5.0   | 24.0      |
| NIGEL DAM AT BOATLAUNCH NEAR DAMWALL VORSTERSKROON                       | 1       | 0.6     | 17.0  | 61.0         | 92.0      | 0.4    | 0.3    | 0.1  | 53.1  | 1.1 | 0.1 | 7.7 | 29.0  | 117.0     |
|  | 2       | 0.1     | 5.0   | 64.0         | 10.0      | 0.1    | 0.3    | 0.4  | 57.2  | 0.2 | 0.1 | 8.1 | 5.0   | 122.0     |
|  | 3       | 0.1     | 19.0  | 65.0         | 10.0      | 0.1    | 0.5    | 0.4  | 63.6  | 0.2 | 0.1 | 7.6 | 5.0   | 126.0     |
|  | 4       | 0.3     | 28.0  | 68.0         | 5.0       | 0.3    | 0.1    | 0.4  | 65.9  | 0.2 | 0.1 | 7.2 | 5.0   | 127.0     |
| SPRINGS ALEXANDA DAM OUTFLOW   | 1       | 0.1     | 140.0 | 51.0         | 71.0      | 0.1    | 0.1    | 0.4  | 53.5  | 0.1 | 0.1 | 7.4 | 32.0  | 83.0      |
|  | 2       | 0.1     | 23.0  | 56.0         | 32.0      | 0.1    | 0.1    | 0.3  | 108.2 | 0.2 | 0.1 | 7.5 | 5.0   | 85.0      |
|  | 3       | 0.1     | 65.0  | 57.0         | 350.0     | 0.1    | 0.1    | 0.2  | 51.9  | 0.2 | 0.1 | 7.4 | 200.0 | 82.0      |
|  | 4       | 2.4     | 78.0  | 63.0         | 10.0      | 4.7    | 0.1    | 0.9  | 61.1  | 0.1 | 0.5 | 6.6 | 82.0  | 85.0      |
| SPRINGS PAST COWLESDAM   | 1       |         |       |              |           |        |        |      |       |     |     |     |       |           |
|  | 2       | 0.1     | 878.0 | 124.0        | 21 000.0  | 0.1    | 0.1    | 0.1  | 123.4 | 0.2 | 0.1 | 7.2 | 211.0 | 16.0      |
|  | 3       |         |       |              |           |        |        |      |       |     |     |     |       |           |
|  | 4       |         |       |              |           |        |        |      |       |     |     |     |       |           |

Quarter 1: 2018/08/01 - 2018/08/31  
 Quarter 3: 2018/10/01 - 2018/10/31

Quarter 2: 2018/09/01 - 2018/09/30  
 Quarter 4: 2018/11/01 - 2018/11/30

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