Interpretation of the results obtained from water samples collected at the respective sample points (refer map above).

**Escherichia coli (E.coli)**

Predicted symptoms include:
Skin irritations, infections & intestinal disorders*  

**E.coli counts per 100ml at sample points**

<table>
<thead>
<tr>
<th>Sampled Week</th>
<th>Sampled Date</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>This Week</strong></td>
<td>6 June 2018</td>
<td>135</td>
<td>57</td>
<td>860</td>
<td>7,230</td>
<td>960</td>
<td>173</td>
<td>9</td>
<td>1,414</td>
<td>14,600</td>
<td>6</td>
</tr>
<tr>
<td><strong>Last Week</strong></td>
<td>2 June 2018</td>
<td>173</td>
<td>7</td>
<td>3,310</td>
<td>11,000</td>
<td>5,810</td>
<td>63</td>
<td>19</td>
<td>91</td>
<td>&gt;241,960</td>
<td>19</td>
</tr>
</tbody>
</table>

**Guideline**

Low risk of gastrointestinal disorders  
E.coli < 130 counts/100ml  
Slight risk of gastrointestinal disorders  
E.coli 130 - 200 counts/100ml  
Significant risk of gastrointestinal disorders  
E.coli 200 - 400 counts/100ml  
High risk of gastrointestinal disorders  
E.coli > 400 counts/100ml

**Blue Green Algae**

Predicted symptoms include:
Skin irritations, infections & intestinal disorders*

**Blue Green algae counts at sample points**

<table>
<thead>
<tr>
<th>Sampled Week</th>
<th>Sampled Date</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>This Week</strong></td>
<td>6 June 2018</td>
<td>80</td>
<td>2,172</td>
<td>&lt;40</td>
<td>&lt;40</td>
<td>&lt;40</td>
<td>&lt;40</td>
<td>1,001</td>
<td>1,207</td>
<td>483</td>
<td>6,929</td>
</tr>
<tr>
<td><strong>Last Week</strong></td>
<td>2 June 2018</td>
<td>&lt;40</td>
<td>603</td>
<td>416</td>
<td>1,207</td>
<td>2,655</td>
<td>241</td>
<td>121</td>
<td>121</td>
<td>1,207</td>
<td>121</td>
</tr>
</tbody>
</table>

**Guideline**

Low Risk  
Blue Green algae < 20,000 cells/ml  
Moderate Risk  
Blue Green algae 20,000 – 100,000 cells/ml  
High Risk  
Blue Green algae > 100,000 cells/ml

**Algal Pigments**

Predicted nuisance conditions include: Scums & smells

**Algal pigments expressed as Chlorophyll-a levels at sample points**

<table>
<thead>
<tr>
<th>Sampled Week</th>
<th>Sampled Date</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>This Week</strong></td>
<td>6 June 2018</td>
<td>&lt;2</td>
<td>19</td>
<td>6</td>
<td>17</td>
<td>11</td>
<td>14</td>
<td>5</td>
<td>70</td>
<td>7</td>
<td>16</td>
</tr>
<tr>
<td><strong>Last Week</strong></td>
<td>2 June 2018</td>
<td>4</td>
<td>20</td>
<td>2</td>
<td>7</td>
<td>30</td>
<td>37</td>
<td>27</td>
<td>123</td>
<td>18</td>
<td>55</td>
</tr>
</tbody>
</table>

**Guideline**

Low Risk  
Chlorophyll-a < 15ug/l  
Moderate Risk  
Chlorophyll-a 15 - 30ug/l  
High Risk  
Chlorophyll-a > 30ug/l

* If ingested.  
X Sample not received / no data available. Reports generated every Friday of the year.

DISCLAIMER: Although Rand Water has made every endeavour to make an accurate assessment of the parameters described above (based on published South African and international criteria), neither Rand Water, nor any of its officials, shall be responsible for any damage or health related problems that may result due to the use of the Vaal Barrage Reservoir for any purpose.