

Toll Free No: 0860 10 10 60

Not to Scale

○ Sample Point



Date Sampled
21 July 2010



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

Specific <i>Faecal</i> Bacteria Predicted symptoms include: Skin irritations, infections & intestinal disorders*	<i>E. coli</i> counts at sample points							
	1	2	3	4	5	6	7	8
	39	461	1,046	816	3	10	613	29,200
DWAF Guideline for Full Contact Recreation (Swimming)	Low Risk <i>E. coli</i> < 200 MPN/100ml		Moderate Risk <i>E. coli</i> 200 - 400 MPN/100ml			High Risk <i>E. coli</i> > 400 MPN/100ml		
DWAF Guideline for Intermediate Recreation (Boating, Canoeing, Fishing, Paddling, Skiing, Wading)	Low Risk <i>E. coli</i> < 1,000 counts/100ml		Moderate Risk <i>E. coli</i> 1,000 – 4,000 counts/100ml			High Risk <i>E. coli</i> > 4,000 counts/100ml		

Blue Green Algae Predicted symptoms include: Skin irritations, infections & intestinal disorders*	Blue Green algae counts at sample points							
	1	2	3	4	5	6	7	8
	< 36	< 36	< 36	< 36	< 36	< 36	< 36	< 36
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							
	1	2	3	4	5	6	7	8
	19	7.7	3.9	6.2	21	35	45	15
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 in the summer months from September to April and every 2nd Friday in the winter months from May to August each year.

DISCLAIMER: Although Rand Water has made every endeavour to make an accurate assessment of the suitability of water for recreational use (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 recreational use.