

Daily Water Quality Assessment Sheet
LAG, Rio de Janeiro, Brazil

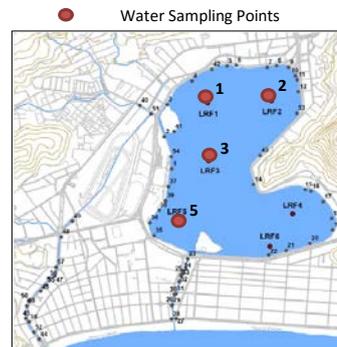
Date: 12th August 2016, 06:30 hrs

1. Water Quality Analysis (last six results)

1a. Enterococci Levels

Date of Sample	LRF1	LRF2	LRF3	LRF5	Enterococci Standard (NMP/100mL)
09/08/2016	<1	6	4	10	200
08/08/2016	0	4	2	6	200
07/08/2016	2	2	6	17	200
06/08/2016	1	<1	<1	<1	200
05/08/2016	1	2	3	2	200
04/08/2016	1	<1	1	2	200
03/08/2016	<1	1	1	1	200

Key:



Note: The WHO 'Proper' Enterococci standard of 200 NMP/100ml will be used due to advice from the WHO.

1b. E.Coli Levels

Date of Sample	LRF1	LRF2	LRF3	LRF5	E.Coli Standard (NMP/100mL)
09/08/2016	2	8	13	240	2000
08/08/2016	23	33	31	33	2000
07/08/2016	49	22	130	350	2000
06/08/2016	11	23	5	49	2000
05/08/2016	8	8	13	22	2000
04/08/2016	2	33	11	17	2000
03/08/2016	13	13	13	33	2000

2. Weather report (today and forecast five days)

Day	Weather
12-08-16	Showers in the morning
13/8/2016	Sunny (10% chance of rain)
14/8/2016	Sunny (10% chance of rain)
15/8/2016	Sunny (10% chance of rain)
16/8/2016	Overcast (40% chance of rain)
17-08-16	Overcast (40% chance of rain)

4. Weather forecast (previous six days)

Day	Weather
11-08-16	Sunny with scattered cloud
10-08-16	Overcast, light rain and wind
09-08-16	Sunny and overcast in evening
08-08-16	Overcast, light rain in evening
07-08-16	Sunny with wind
06-08-16	Sunny with wind

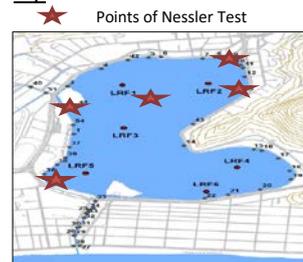
4. Canal Openings (for past five days)

Day	Open	Comments
11-08-16	Y	Water flow into Lagoa
10-08-16	Y	Water flow into Lagoa
09-08-16	Y	Water flow into Lagoa
08-08-16	Y	Water flow into Lagoa
07-08-16	N	
06-08-16	N	

5. Visual and Olfactory Inspections (last 12 hours)

Site	Visual Pollution	Odour	Nessler results	Aquatic biodiversity behaviour	Time of visit	Comments
Pipe 2	None	None	Slight sewage	Normal	06.15 - 06.45hrs	Pipe submerged
Pipe 9	None	None	Slight sewage	Normal	06.15 - 06.45hrs	Pipe submerged
Pipe 35	None	None	Slight sewage	Normal	06.15 - 06.45hrs	Pipe submerged
Pipe 53	None	None	No sewage	Normal	06.15 - 06.45hrs	
LRF1	None	None		Normal	06.15 - 06.45hrs	
LRF2	None	None		Normal	06.15 - 06.45hrs	
LRF3	None	None		Normal	06.15 - 06.45hrs	
LRF5	None	None		Normal	06.15 - 06.45hrs	

Key:



6. Summary:

'Excellent water quality' (E.Coli < 2000 or Enterococci < 200). With a 'low' sanitary inspection result. A rating of 2 given. The quantities of disinfection applied to pipe 2 will be evaluated and possibly increased today and CEDAE have been contacted regarding pipes 9 and 35. All locations will be checked again this evening.

7. Decision

No change to competition schedule