

# Southern Murray Darling Basin Blue Green Algal Status

## 31/01/2012



Recreational Alert Levels for Blue Green Algae (Cyanobacteria)	
Cell count expressed in mL and biovolume expressed in mm <sup>3</sup> /L	
<b>Nil Alert Level</b>	<math>= 500 \text{ cells/mL of } Microcystis \text{ aeruginosa}</math>
<b>Green Alert Level</b>	>0.04 mm <sup>3</sup> /L for combined total of all <i>Cyanobacteria</i> >500 cells/mL and <5000 cells/mL of <i>Microcystis aeruginosa</i>
<b>Amber Alert Level</b>	>0.04 mm <sup>3</sup> /L to <math>0.4 \text{ mm}^3/\text{L}</math> for combined total of all <i>Cyanobacteria</i> >5000 cells/mL and <50 000 cells/mL of <i>Microcystis aeruginosa</i>
<b>Red Alert Level</b>	>0.4 mm <sup>3</sup> /L to <math>4 \text{ mm}^3/\text{L}</math> for combined total of all <i>Cyanobacteria</i> >50 000 cells/mL of <i>Microcystis aeruginosa</i>
	4 mm <sup>3</sup> /L for combined total of all <i>Cyanobacteria</i> where known toxic cyanobacteria is dominant in the total biovolume.
	>10 mm <sup>3</sup> /L for combined total of all cyanobacteria
Toxin count expressed in µg/L Algal Scum On water	>10 µg/L scums are present for extended periods

### Blue Green Algal Alert Status

- Monitoring Site
- Green
- Amber
- Red
- Lake Eildon
- Lake Eppalock

Source:  
Goulburn Murray Water Blue Green Algae Status Report (27/01/2012). Australian Water Quality Centre (SA Water) Weekly report.NSW Office of Water Regional Algal Coordinating Committee (RACC) Murray (31/01/2012) Murrumbidgee (25/01/2012) and Sunraysia Alert List (31/01/2012). These representations of Blue Green Algae monitoring locations are indicative and not to scale. Copyright 2012 MDBA All Rights Reserved.

