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19 January 2006

The following report covers inspections of the Cyanobacterium, *Lyngbya majuscula*, in areas of Moreton Bay by officers of the Queensland Parks and Wildlife Service, local Councils and other observers. The inspections are to determine and report any changes in the coverage and density of Lyngbya.

Central and Southern Moreton Bay

Lyngbya growth has largely abated since the surveys of December 2005. Lyngbya surveys conducted on the **Moreton banks**, **Henderson’s gutter** and the **Pelican banks** on 7 January show a complete absence of Lyngbya in those areas. The next survey on 11 January covered **Horseshoe Bay** of Peel Island – again no Lyngbya found, and the Amity banks. Small patches of light and medium new Lyngbya growth were found north of the **Coolooloo passage** on the Amity banks. Please note the first map below.

Inspections by the Redlands Shire Council this month have reported no Lyngbya at **Wellington Point** but some deposition on **Thompson’s beach** south of **Victoria Point** where they have erected public information signs. They have also inspected **Coochiemudlo** and **Lamb Islands** and **Raby bay** but Lyngbya was not found during those inspections.



East bank layout 7/1/2006

Northern Moreton Bay

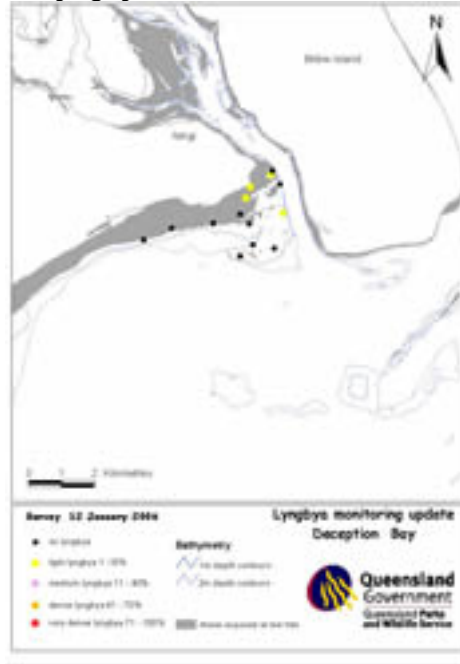
The cover and density of Lyngbya growth in northern Deception Bay has also significantly abated during this month. The two maps below show the results of surveys from **Sandstone point** to **Godwin beach**. The first map reveals that most areas were of light and medium Lyngbya growth

with only a few patches of dense cover encountered. The second survey conducted a week later shows that only a few areas of light Lyngbya remained at that time – surveys by Greg Savage.

Regular foreshore and in-water inspections by Caboolture and Caloundra councils have reported only sporadic observations of floating and deposited Lyngbya From **Beachmere** to **Caloundra**.



Deception Bay layout 6/1/2006



Deception Bay layout -12/1/2006

09 February 2006

The following report covers inspections of the Cyanobacterium, Lyngbya majuscula in areas of Moreton Bay by officers of the Queensland Parks and Wildlife Service, local Councils and other observers. The inspections are to determine and report any changes in the coverage and density of Lyngbya

Central Moreton Bay

Lyngbya growth in the central bay in January was mainly light and has generally remained so this month with the exception of some areas of new growth. The survey conducted on 7 February found no Lyngbya growth on the southern **Moreton Banks** or the **Maroom Banks**. On the eastern **Amity Banks** there were a few small patches of light to medium Lyngbya and one large seagrass bed just north of the **Coolooloo Passage** dotted with blemishes of dense Lyngbya. **Horseshoe Bay** of Peel Island remains relatively free of Lyngbya and the warning signs have been removed. Please note the first map below.

Inspections by the Redlands Shire Council this month have reported no Lyngbya at **Wellington Point**, **Thompson's beach** or the beaches of **Raby Bay**. Their signage will be removed if the next inspection mirrors this assessment.



East bank layout 070206

Northern Moreton Bay

The cover and density of Lyngbya growth in northern Moreton Bay has also remained fairly light during this month. The map below show the results of surveys from **Sandstone Point** to **Godwin Beach** on 22 January and the southern section of the **Pumicestone Passage** on 1 February. In both locations occurrences of Lyngbya were mainly light with the exception of one medium patch at the mouth of **Glass Mountain Creek**.



Deception Bay layout 010206

27 March 2006

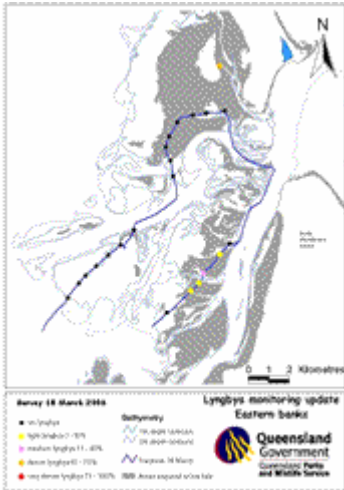
The following report covers inspections of the Cyanobacterium, Lyngbya majuscula in areas of Moreton Bay by officers of the Queensland Parks and Wildlife Service, local Councils and other observers. The inspections are to determine and report any changes in the coverage and density of Lyngbya

Central Moreton Bay

Lyngbya growth in the central bay has generally remained light for the first three months of 2006. The survey conducted on 18 March found no Lyngbya growth on the southern **Moreton Banks** but there was one dense patch in Hendersons Gutter observed by CSIRO researchers. The **Maroom Banks** also remains clear of Lyngbya On the eastern **Amity Banks** there were a few small patches

of light to medium Lyngbya as was the case last month. **Horseshoe Bay** of Peel Island remains relatively free of Lyngbya. Please note the first map below.

Inspections by the Redlands Shire Council this month have reported no Lyngbya at **Wellington Point** or the beaches of **Raby Bay** there has been however, small depositions of Lyngbya on some beaches in the Victoria Point area.

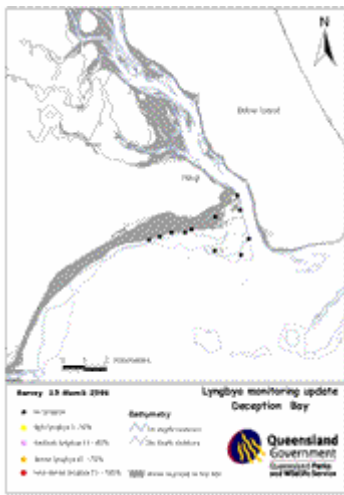


East bank layout 18/03/06

Northern Moreton Bay

The cover and density of Lyngbya growth in northern Moreton Bay has also remained fairly light during the first part of 2006. The map below shows that no Lyngbya was observed during the 13 March survey from **Sandstone point** to **Godwin beach**.

Foreshore inspections by the Caboolture Shire Council this month have reported no Lyngbya deposition.



Deception Bay layout 13/03/06

28 April 2006

The following report covers inspections of the Cyanobacterium, *Lyngbya majuscula* in areas of Moreton Bay by officers of the Queensland Parks and Wildlife Service, local Councils and other observers. The inspections are to determine and report any changes in the coverage and density of *Lyngbya*

Central Moreton Bay

Lyngbya growth in the central bay in the past month has generally increased in the density and location. This is not unusual when compared with the previous few years' data. The surveys conducted in April found light to dense *Lyngbya* growth on the northern **Moreton Banks** but none on the southern banks. Only one area of dense *Lyngbya* was found on the **Marroom Banks** transects. On the eastern **Amity Banks** there were several areas of light to dense *Lyngbya*. A survey of **Deanbilla Bay** revealed areas of light to medium *Lyngbya*. Please note the first map below.

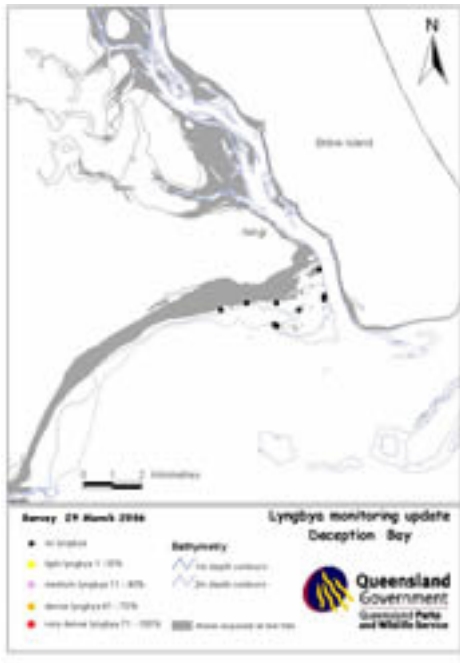
Inspections by the Redlands Shire Council and Seagrass Watch volunteers this month found light to dense patches of *Lyngbya* around the **Victoria Point** area but no *Lyngbya* at **Coochiemudlo Island, Wellington Point** or the beaches of **Raby Bay**.



East Banks layout 27/04/06

Northern Moreton Bay

The cover and density of *Lyngbya* growth in northern Moreton Bay has remained fairly light during the first part of 2006. The map below shows that no *Lyngbya* was observed during the 29 March survey from **Sandstone point** to **Godwin beach**. Please note the second map below.



Deception Bay layout 290306

23 June 2006

The following report covers inspections of the Cyanobacterium, *Lyngbya majuscula* in areas of Moreton Bay by officers of the Queensland Parks and Wildlife Service, local Councils and other observers. The inspections are to determine and report any changes in the coverage and density of *Lyngbya*

Central Moreton Bay

Lyngbya growth in the central bay in the past month has generally eased since April but still persists into early winter. The survey conducted in June found new light to medium *Lyngbya* growth on the southern **Moreton Banks**. Several patches of light and medium *Lyngbya* was also found on the **Maroom Banks** transect. The eastern **Amity Banks** and **Deanbilla Bay** were not surveyed on this occasion. A survey by 'Seagrass Watch' found patches of light but healthy *Lyngbya* growing on the north west side of **Mud Island**. Please note the first map below.

Inspections by the Redlands Shire Council this month found light patches of *Lyngbya* around the **Victoria Point** area but no *Lyngbya* at **Coochiemudlo Island** or **Wellington Point**.



East Banks layout10/06/06

Northern Moreton Bay

The cover and density of Lyngbya growth in northern Moreton Bay was fairly light during the first part of 2006 and then generally absent in next few months. The survey in April however revealed a few patches of light Lyngbya out from **Sandstone point**. The area in front of **Godwin beach** remains clear.

Please note the second map below.



Deception Bay layout20/05/06

21 July 2006

The following report covers inspections of the Cyanobacterium, *Lyngbya majuscula* in areas of Moreton Bay by officers of the Queensland Parks and Wildlife Service, local Councils and other observers. The inspections are to determine and report any changes in the coverage and density of *Lyngbya*

Central Moreton Bay

Lyngbya growth in the central bay has generally persisted through the past month. *Lyngbya* surveys consist of examining randomly selected sites along set transects. The survey of the central banks conducted in July revealed a few patches of light *Lyngbya* growth on the southern **Moreton Banks**. Several patches of light and medium *Lyngbya* was also found on the eastern **Amity Banks**. The **Maroom Bank** transect was free of *Lyngbya* on this occasion but there was dense cover of other brown algae. There have been other reports of dense algae or *Lyngbya* growth around the northwestern beaches of North Stradbroke Island. Please note the first map.

Inspections by the Redlands Shire Council in the past few weeks have reported light patches of *Lyngbya* persisting around the **Victoria Point** area but no *Lyngbya* at **Coochiemudlo Island** or **Wellington Point**.



Northern Moreton Bay

The cover and density of *Lyngbya* growth in northern Moreton Bay was fairly light during the first part of 2006 and then generally absent in next few months. The survey in April however, revealed a few patches of light *Lyngbya* and again the survey for July shows patches of light to medium *Lyngbya* out from **Sandstone point**. The area in front of **Godwin beach** remains clear.

Please note the second map below.



6 September 2006

The following report covers inspections of the Cyanobacterium, *Lyngbya majuscula* in areas of Moreton Bay by officers of the Queensland Parks and Wildlife Service, local Councils and other observers. The inspections are to determine and report any changes in the coverage and density of *Lyngbya*

Central Moreton Bay

Lyngbya growth in the central bay has generally declined a little over the past month. *Lyngbya* surveys consist of examining randomly selected sites along set transects from a small boat. The survey of the central banks conducted in August revealed a few patches of light *Lyngbya* growth on the northern **Maroom Banks** but clear to the south. Surveys of the **Wanga Wallen Banks** off North Stradbroke Island and **Horseshoe Bay** off Peel Island revealed no *Lyngbya* growth. In general all areas surveyed had large areas covered with medium to dense patches of winter algae. Please note the first map.

Inspections by the Redlands Shire Council in the past few weeks have reported light patches of *Lyngbya* persisting around the **Victoria Point** area but no *Lyngbya* at **Coochiemudlo Island** or **Wellington Point**.



East Banks 14/08/06

Northern Moreton Bay

The cover and density of Lyngbya growth in northern Moreton Bay in August was again generally light. One area out beyond Cook's Rocks from **Sandstone point** has again shown several patches of medium Lyngbya. The area in front of **Godwin beach** remains clear. A survey in the southern **Pumicestone Passage** also revealed no evidence of Lyngbya.

Please note the second map below.



Deception Bay 22/08/06

30 October 2006

The following report covers inspections of the Cyanobacterium, *Lyngbya majuscula* in areas of Moreton Bay by officers of the Queensland Parks and Wildlife Service, local Councils and other observers. The inspections are to determine and report any changes in the coverage and density of *Lyngbya*. *Lyngbya* surveys consist of examining randomly selected sites for *Lyngbya* growth along set transects from a small boat and shore based foreshore inspections for deposited *Lyngbya*.

Central Moreton Bay

Lyngbya growth in the central bay has progressively increased over the past month. The survey of the central banks conducted in early October has revealed consistent patches of light to medium new *Lyngbya* growth along the eastern **Amity Banks**. The survey included the **Marroom** and **Moreton Banks**, which were clear of *Lyngbya* at that time. In general medium to dense brown algae has persisted in several areas of the Eastern Banks, as was the case last month.

Moderate northerly winds last week resulted in several sightings of small floating rafts in areas around Redland Bay and Coochiemudlo, Macleay and Lamb islands. Please note the first map.

Inspections by the Redlands Shire Council in the past few weeks have reported small amounts of *Lyngbya* washing up onto the beaches adjacent to Church and Wilson streets and Thompson's beach in the **Victoria Point** area – these areas have warning signs in place. There remains no *Lyngbya* on the beaches of **Coochiemudlo Island** or **Wellington Point**.



East Bank 5 October 2006

Northern Moreton Bay

The survey of northern Deception Bay last month has shown that the cover and density of *Lyngbya* growth was again generally light. The area out beyond Cook's Rocks from **Sandstone point** has again shown patches of light *Lyngbya* – last month this same area had medium *Lyngbya* growth. The area in front of **Godwin beach** remains clear.

Please note the second map below.



Deception Bay 19 September 2006

21 November 2006

The following report covers inspections of the Cyanobacterium, *Lyngbya majuscula* in areas of Moreton Bay by officers of the Queensland Parks and Wildlife Service, local Councils and other observers. The inspections are to determine and report any changes in the coverage and density of Lyngbya. Lyngbya surveys consist of examining randomly selected sites for Lyngbya growth along set transects from a small boat and shore based coastline inspections for deposited Lyngbya.

Central Moreton Bay

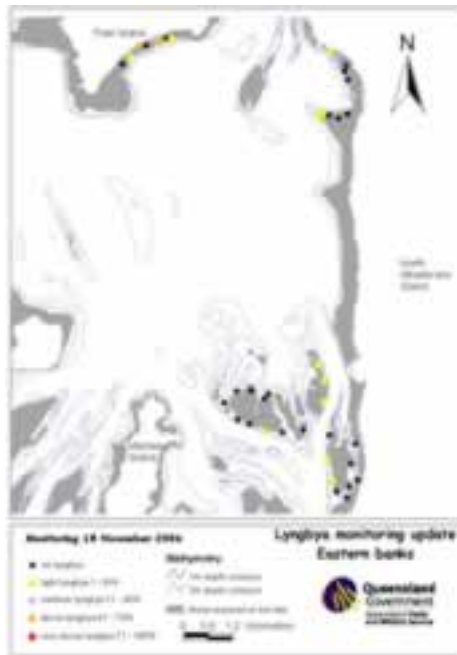
Lyngbya growth in the central bay has fluctuated over the past month with a general increase in its cover and density. The survey of the central banks conducted on the last day of October revealed consistent patches of light to dense Lyngbya growth along the eastern **Amity Banks** and the southern **Moreton Banks**. The survey included the **Maroom** banks which had some patches of light Lyngbya at that time. Another inspection of the southern **Moreton Banks** a few weeks later showed that Lyngbya had become quite dense in that area. Please note the first map.

The second survey of the central bay for this month included **Horseshoe Bay** of Peel Island – Lyngbya light to dense, **Deanbilla Bay** of North Stradbroke Island – Lyngbya light to medium and the **Pelican Banks** east of Macleay Island – Lyngbya only light. Please note the second map

Inspections by the Redlands Shire Council in the past few weeks have reported small amounts of Lyngbya washing up onto the beaches adjacent to Church and Wilson streets and Thompson’s beach in the **Victoria Point** area. There remains no Lyngbya on the beaches of **Coochiemudlo Island** or **Wellington Point**.



Eastbanks 31.10.06



Eastbanks 18.11.06

Northern Moreton Bay

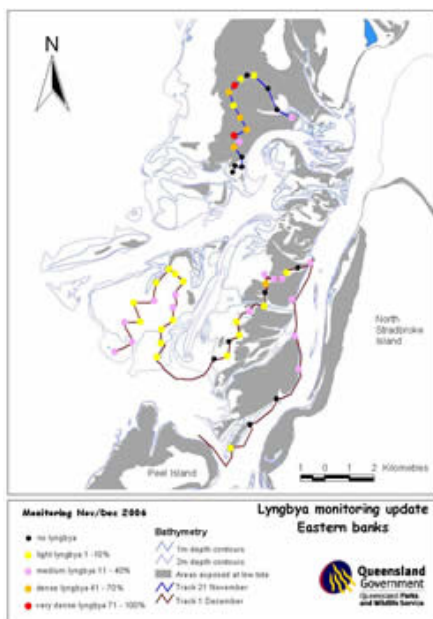
There are three survey reports of northern Deception Bay presented for the last month. The following maps show a gradual increase in the cover of light Lyngbya on the seagrass beds in front of

4 December 2006

The following report covers inspections of the Cyanobacterium, *Lyngbya majuscula* in areas of Moreton Bay by officers of the Queensland Parks and Wildlife Service, local Councils and other observers. The inspections are to determine and report any changes in the coverage and density of Lyngbya. Lyngbya surveys consist of examining randomly selected sites for Lyngbya growth along set transects from a small boat and shore based coastline inspections for deposited Lyngbya.

Central Moreton Bay

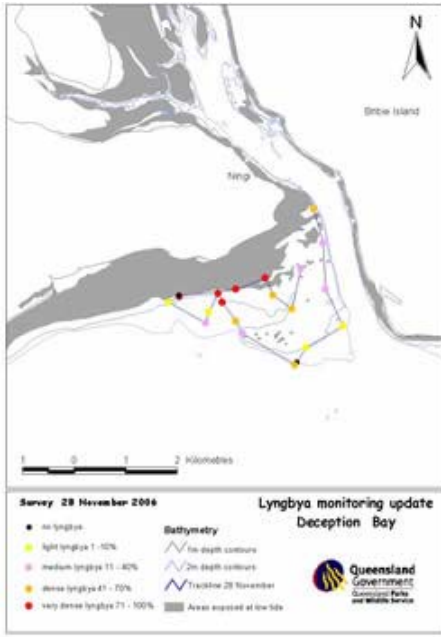
Lyngbya growth in the central bay has continued to fluctuate over the past month with a general increase in its cover and density. A survey of the **Moreton Banks** was conducted on 21 November and it revealed consistent patches of light to very dense Lyngbya growth. Some sites surveyed were clear of Lyngbya. A second survey on 1 December showed light to medium Lyngbya patches over the **Maroom Banks** and Light to dense patches of Lyngbya across the eastern **Amity Banks**. Please note the first map. Inspections by the Redlands Shire Council in the past few weeks have reported Lyngbya on the foreshore at **Wellington Point** and at the beach at Wilson Esplanade. These beach areas have been signed. Small amounts have also been found on **Coochiemudlo Island** at Moorwong Beach



Eastern Banks 01 /12/2006

Northern Moreton Bay

Lyngbya in northern Deception Bay has significantly increased in cover and density towards the end of November. While earlier in the month Lyngbya was generally light, it is now ranging from light to very dense on the seagrass beds in front of **Sandstone point** to **Godwin beach**. The area out beyond Cook's Rocks reveals patches of light to dense Lyngbya. Please note the second map. The Caboolture Shire Council has removed some 20 tonnes of Lyngbya from the southern beaches of **Bribie Island** and has reported small amounts depositing on Godwin Beach.



Deception Bay 28/11/2006

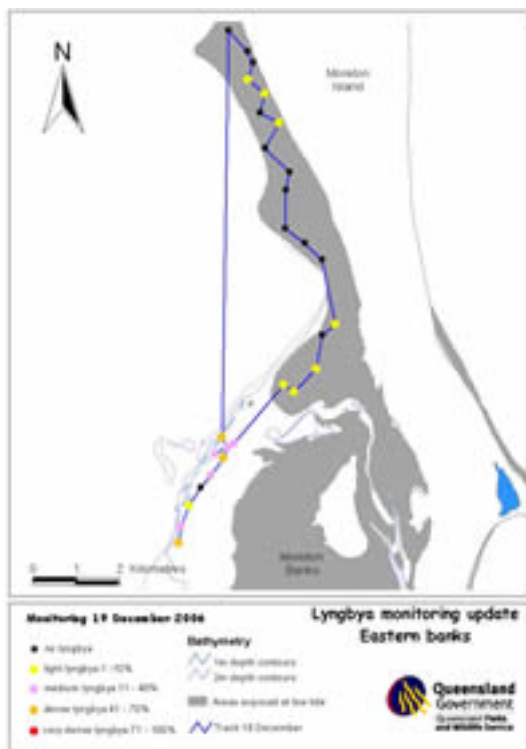
20 December 2006

The following report covers inspections of the Cyanobacterium, *Lyngbya majuscula* in areas of Moreton Bay by officers of the Queensland Parks and Wildlife Service, local Councils and other observers. The inspections are to determine and report any changes in the coverage and density of Lyngbya. Lyngbya surveys consist of examining randomly selected sites for Lyngbya growth along set transects from a small boat and shore based coastline inspections for deposited Lyngbya.

Central Moreton Bay

The cover and density of Lyngbya growth in the central bay has remained fairly consistent over the past month. This second survey of the month investigated the northern section of the **Moreton Banks** where Lyngbya ranged from light to dense patches. Also the inter-tidal area along the south western side of **Moreton Island** was surveyed - on this occasion Lyngbya was either absent or very light. Please note the first map.

Inspections by the Redlands Shire Council in the past few weeks have reported Lyngbya on the foreshores of **Wellington Point, Victoria point and Coochiemudlo Island**. These affected beach areas have information and warning signs in place.

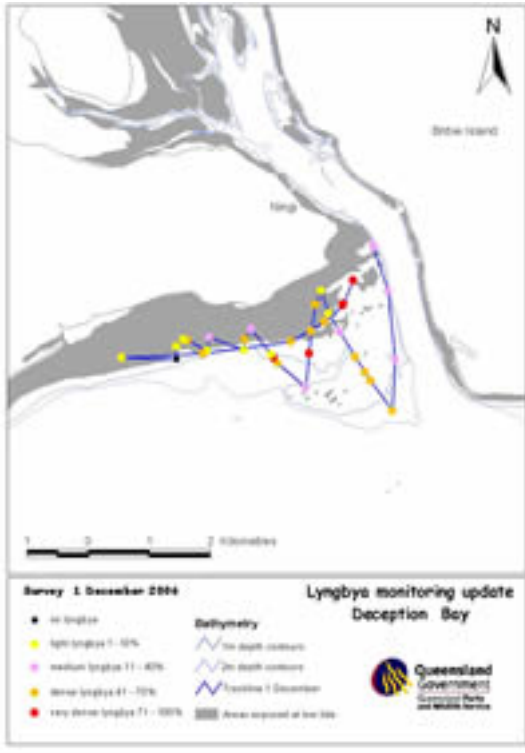


East bank 19 Dec 2006

Northern Moreton Bay

Lyngbya in northern Deception Bay has remained quite dense and widespread through the early part of December. The first Deception Bay map shows the affected areas on the seagrass beds in front of **Sandstone point to Godwin beach** with Lyngbya ranging from light to very dense. The second map shows the results of two additional surveys – one in the same area and one covering the area from **Ningi Creek to Tripcony Bight**. Again Lyngbya ranges from light to dense in all areas surveyed.

On 4 December, the Caboolture Shire Council removed some 100 tonnes of Lyngbya from Red Beach on **Bribie Island** and has reported small amounts depositing on **Godwin Beach** and **Beachmere**.



Deception Bay 01 Dec 2006