

# Response To Toxic Algae Issue

Matt Lindon  
MPCA



# Outline

- MPCA Guidelines for sampling CHABs
- Reporting options
- Options in analysis



# **MPCA Sampling priority:**

- 1. Reported dog death and/or human-health related problems**
- 2. City or public official reported complaints/concerns**
- 3. Fish kills and documented blue-green blooms.**
- 4. Severe nuisance bloom complaints considered with discretion**

# Reporting

- Track at a local level
- Contact MPCA or MDH when appropriate
- Use based reporting system

The screenshot shows a web browser window displaying the MPCA Algae Reporting Form. The browser title is "Algae Report Form - Microsoft Internet Explorer". The address bar shows the URL "http://www.pca.state.mn.us/AA\_Lik\_stuff/algae.dm". The page header includes the MPCA logo and navigation links: Home, Site Index, Glossary, What's New, Ask MPCA, and Visitor Center. A search bar is also present.

The main content area is titled "Algae Reporting" and includes the following text: "In this area we are going to need some text that describes what this project is and who should be filling the report out. It doesn't need to be long, a six to ten line paragraph would be plenty."

The form fields include:

- First Name:
- Last Name:
- Email:
- Address 1:
- Address 2:
- City:
- State:
- Zip:
- Primary Phone (include area code):
- Secondary Phone (include area code):
- Would you like to receive a call back?  Yes  No
- Would you like to receive an e-mail response?  Yes  No
- Lake or pond name:
- Location in lake pond:
- County:
- Nearest town:
- Date first observed:
- Date last observed:
- Surface Scum?  Yes  No
- Please describe the appearance of the algae:

At the bottom of the form, there are two rating scales:

- Rate the severity of the bloom or scum based on previous observations:  1  2  3  4  5. Below the scale are labels: "Bad", "Extreme", and "Worst Ever".
- Human Related Illness:  Yes  No (If yes, please contact a physician immediately)
- Was the individual seen by a medical professional:  Yes  No

The browser status bar at the bottom right shows "Local intranet".

# Options in Laboratories analysis



<http://www.greenwaterlab.com/>

*Minnesota Department of Health*  
*Protecting, maintaining and improving the health of all Minnesotans*

<http://www.health.state.mn.us/>



# Other options with analysis

- Algae taxonomy and density
- Strip tests (Field)
- Getting the capacity in your lab

