### Unexplained symptoms
- Nausea
- Vomiting
- Diarrhea
- Headache
- Dizziness
- Rash

Consider HAB exposure in differential diagnosis.

### Ask about recent recreational water exposure (lake, river, swimming, boating, etc.). Also ask about timing/duration, etc. of exposure.

### Test for suggestion of HAB ingestion: liver function, BUN/Creatinine

- Normal: No disease, mild disease or alternative diagnosis
- Abnormal: Rule out alternative diagnoses

### Suspect Harmful Algal Bloom Case

### Contact Your Local Health District Epidemiologist

### Supportive treatment

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### State Public Health Assessment Process

<table>
<thead>
<tr>
<th>Definition</th>
<th>Criteria for Harmful Algal Bloom Diagnosis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human HAB-</td>
<td>Exposure, Signs/Symptoms, Public Health</td>
</tr>
<tr>
<td>Associated Case</td>
<td>Assessment, Professional Medical Diagnosis</td>
</tr>
<tr>
<td></td>
<td>Alternative Diagnoses, Observational or Environmental Data, Laboratory-based HAB Data, Clinical Data</td>
</tr>
</tbody>
</table>

### Notes:

1. Exposure (i.e., physical contact, inhalation, ingestion) to water, algae, or seafood, dietary supplements
2. Self-reported signs/symptoms after exposure
3. State public health assessment is defined as the action of compiling all data available and deciding that the illness in question is likely HAB-related
4. Professional medical diagnosis being provided by a medical professional based on medical assessment
5. Observation of scum, algae, water color change, sheen, photographic evidence, satellite data or environmental data (e.g., pH, chlorophyll, nutrient levels)
6. Laboratory detection of cyanobacteria or other potentially toxin-producing algae
7. Laboratory documentation of cyanobacteria, other potentially toxin-producing algae, or algae/cyanobacterial toxins in a clinical specimen

Blue shaded cells: You must have at least one of the criteria described in the shaded cell.

+/− indicates that this criteria is optional and while it strengthens the case, but it does not change case classification (e.g., suspect to probable, probable to confirmed).

### Bureau of Environmental Health and Radiation Protection

614-466-1390

ODH Harmful Algal Bloom Webpage
ODH Beachguard Website

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Champions of a safe and healthy community