

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-08 V2)

WATERBODY NAME: <i>Lake Clay</i>		DATE (M/D/Y): <i>01/08/19</i>	TIME: (AM) (PM) <i>1530</i>	Case ID#: <i>SD010819-001</i>
COUNTY: <i>Highlands</i>	LOCATION: <i>Lake Clay @ Boat Ramp</i>		NEAREST TOWN/CITY: <i>Lake Placid</i>	
Visit Type: Initial ☒ Recon ☒ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to:		Photos Taken: ☒ yes ☐ no
Sample collection method: Single Grab: ☒ Grab Composite: ☐ Depth integrated composite: ☐				
Sample & Analysis types: Aqueous: ☒ Surface Scum: ☐ Benthic mat: ☐ Tissue: ☐				
Algal ID & enumeration: ☒ Nutrients: ☒ Chl-a: ☒ AGP: ☒ Turbidity: ☒ Toxin: ☒				
Estimated size of bloom: Lake/Estuary Typical depth: <i>> 1.0 m deep</i>		Impounded: ☐ yes ☐ no		
Inflows: ☐ yes ☐ no		Outflows: ☐ yes ☐ no		
Stream/River/Canal		m wide		
Tributary Transient		m deep		
Water velocity		m/s		
Left bank		Middle		
Right bank				

Canopy Cover:	Open: ☒	Lightly Shaded (11-45%): ☐	Moderately Shaded (46-80%): ☐	Heavily Shaded: ☐
Description of Bloom/	Latitude	Degrees	Minutes	Seconds
Present Weather conditions	27.303290		-81.353621	
Longitude				
Degrees				
Minutes				
Seconds				
Last rain event				
Rainfall amount				
Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map)				
Sketch bloom area on the attached map. Indicate wind direction.				

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/L):	Cond. (µmho/cm) or Salinity (ppt):	DO%	Sal (ppt)	Secchi (m)
Top	<i>0.3</i>	<i>22.7</i>	<i>8.16</i>	<i>9.50</i>	<i>171</i>	<i>100%</i>	<i>110.2</i>	<i>1.0</i>
Mid-depth								
Bottom								
System Type: Stream: ☐ (1st - 2nd order 3rd - 4th order) 5th - 6th order 7th order or greater) Lake: ☒ Wetland: ☐ Estuary: ☐ Other: ☐								
Water Odors (check box): Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Other: ☐								
Water Surface (check box): Clear: ☐ Scum: ☐ Glob: ☐ Slick: ☒								
Water Clarity (check box): Clear: ☐ Slightly: ☒ Turbid: ☐ Opaque: ☐								
Bloom Color (check box): Green: ☐ Red: ☐ Brown: ☐ Other: ☒ <i>Rust Orange</i>								
Notes: <i>windswept algae</i>								
Abundance: Periphyton ☒ Fish ☒ Aquatic Macrophytes ☒ Iron/sulfur Bacteria ☒								
Absent Rare Common Abundant								

VISIT TEAM:

Contains: 1:1 H2SO4
Lot No.: SAG085170
Expires: 03/26/19
See Safety Data Sheet (SDS)

THIOURIC ACID 51%
DANGER
7732-18-9
H314
H332
H335
P201+202
P273
P301+P312
P302+P352
P303+P361+P353
P304+P340
P305+P351+P338
P308+P313
P501
See Safety Data Sheet (SDS) for more information.

Nicole Reistad

Maryann Dugan

AGENCY:

7DEP-SOROC