

RQ-2017-08-07-55
8/3/2017



G4SD080317-6
Field ID ▲
STORET ▼

Effective Date: 08/04/2014
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AB-17-1.7

Algae - Lake Clay
Canal

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY <i>Lake Clay Canal</i>		DATE (M/D/YY): <i>8/3/17</i>	TIME: (AM) <i>1030</i>	Case ID#:
COUNTY: <i>Highlands</i>	LOCATION: <i>Lake Placid / Lake Clay</i>		NEAREST TOWN/CITY: <i>Lake Placid</i>	
Visit Type: Initial ☐ Recon ☒ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: <i>FL DEP LAB</i>		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:	Impounded: ☒ yes ☐ no	Stream/River/Canal: <i>Canal</i> m wide		
Lake/Estuary Typical depth	Inflows: ☒ yes ☐ no	Typical Transect: <i>12</i> m deep		
m deep	Outflows: ☒ yes ☐ no	Water velocity: <i>—</i> m/s		
		Left bank Middle Right bank		

Canopy Cover: Open: ☐ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☒

Description of Bloom/ Latitude *27* *19* *11.36* N Longitude *81* *20* *39.87* W
Degrees Minutes Seconds

Present Weather conditions
Clear skies NE Wind 5-7 mph

Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map) Last rain event _____

Sketch bloom area on the attached map. Indicate wind direction. Rainfall amount _____

WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l)	Cond. (µmho/cm) or Salinity (ppt):	DO %	Secch(m)
Top	<i>0.3</i>	<i>27.2</i>	<i>6.2</i>	<i>2.9</i>	<i>126</i>	<i>37</i>	<i>0.2</i>
Mid-depth	<i>0.5</i>	<i>27.2</i>	<i>6.0</i>	<i>1.9</i>	<i>126</i>	<i>16</i>	
Bottom							

System Type: Stream: ☐ (1st - 2nd order 3rd - 4th order 5th - 6th order 7th order or greater) Lake: ☐ Wetland: ☐ Estuary: ☐ Other: ☒ *canal*

Water Odors (check box): Normal: ☒ Sewage: ☐ Petroleum: ☐ Chemical: ☐ Other: ☐

Water Surface (check box): Clear: ☐ Scum: ☐ Globbs: ☐ Slick: ☒

Water Clarity (check box): Clear: ☐ Slightly turbid: ☐ Turbid: ☒ Opaque: ☐

Bloom Color (check box): Green: ☒ Red: ☐ Brown: ☐ Other: ☐

Notes: *Deadend canal, wind driven Bloom compressed into canal. Resident commented saying "it happens yearly."*

Abundance:	Absent	Rare	Common	Abundant
Periphyton	☒	☐	☐	☐
Fish	☐	☐	☒	☐
Aquatic Macrophytes	☒	☐	☐	☐
Iron/sulfur Bacteria	☒	☐	☐	☐

VISIT TEAM:

SOROC AGENCY: *MD, CC*

Entered into ARCGIS Survey 123