

Group: A	Bottle Type: BLOOM-ID	PT-50ML	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: W-MCYST-AA	BG-250ML-WDMT H	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 6	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 6	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
Group: D	Bottle Type: DTY-QN-C PKD-QN-C	BP-1L	# of Bottles: 6	Preservative: Lugols	Enter Number of Bottles Sent to Lab	1

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

Site Name: Lake Seminole North

(7-6-06 V2)

Date: 07/11/2019

DATE (M/D/YY):

TIME: (AM) (PM)

Case ID#

7-11-19

1050

LOCATION:

COUNTY:

NEAREST TOWN/CITY:

LAKE SEMINOLE (N)

PINELLAS

ST. PETERSBURG/LARGO

Visit Type:

Samples collected:

Samples submitted to:

Photos Taken:

☒ yes ☐ no

Initial

☒☒ yes☐ no

Recon

☐

Sampling

☐

Follow-up

☐

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:

☐

Specify

Estimated size of bloom:

Impounded:

☒ yes☐ no

Stream/River/Canal

m wide

Typical Transect

m deep

m deep

m deep

Water velocity

m/s

m/s

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 52 46.12

Longitude

-82 46 32.36

Present Weather conditions

OVERCAST, RECENT RAIN

Last rain event

7-10-19

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.

Rainfall amount

WATER QUALITY	Depth (m):	Temp. (°C) :	pH (SU) :	D.O. (mg/l) :	Cond. (µmho/cm) or Salinity (ppt):	DO %	SAL	Secchi (m):
Top	0.3	28.3	9.04	9.51	340.4	122.3	0.16	0.35
Mid-depth								
Bottom	1.5	28.2	8.96	8.91	339.4	114.7	0.16	
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		Clear: ☒		Scum: ☐		Globs: ☐		Slick: ☐
Water Clarity		Clear: ☐		Slightly: ☐		Turbid: ☒		Opaque: ☐
Bloom Color		Green: ☒		Red: ☐		Brown: ☐		Other: ☐
Notes		Judy Ashton Ben Paswater		Abundance:		Absent		Rare
				Periphyton		☐		Common
				Fish		☐		Abundant
				Aquatic Macrophytes		☐		☒
				Iron/sulfur Bacteria		☒		☐

VISIT TEAM:

AGENCY:

FDLP

Site Name: Lake Seminole South

Date: 07/11/2019

Appendix A

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET (7-6-06 V2)

WATERBODY LAKE SEMINOLE (S)		DATE (M/D/YY): 7-11-19	TIME: (AM) 1030	Case ID#:
COUNTY: PINELLAS	LOCATION: LAKE SEMINOLE (S.)	NEAREST TOWN/CITY: ST. PETERS		
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: WHOLE LAKE		Impounded: ☒ yes ☐ no	Stream/River/Canal: ☐ m wide	
Lake/Estuary Typical depth	Inflows: ☒ yes ☐ no	Typical Transect: ☐ m deep ☐ m deep ☐ m deep		
2.1 m deep	Outflows: ☐ yes ☐ no	Water velocity: ☐ m/s ☐ m/s ☐ 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 51 0.29	Longitude -82 46 52.24
Present Weather conditions OVERCAST, RECENT RAIN	Degrees Minutes Seconds	Degrees Minutes Seconds
Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map)	Last rain event 7-10-19	
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 %	SAL	Secchi (m)
Top	0.3	28.6	8.87	8.85	458.4	117.6	0.22	0.3
Mid-depth								
Bottom	1.6	28.6	8.69	8.29	457.8	105.9	0.22	
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: ☐ Globbs: ☐ Slick: ☐								
Water Clarity (check box): Clear: ☐ Slightly turbid: ☐ Turbid: ☒ Opaque: ☐								
Bloom Color (check box): Green: ☒ Red: ☐ Brown: ☐ Other: ☐								
Notes LIAGY ASHWIN BLEN AFWATER					Abundance: Periphyton ☐ Fish ☐ Aquatic Macrophytes ☐ Iron/sulfur Bacteria ☒			
					Absent Rare Common Abundant ☐ ☐ ☒ ☐			

2.1
TOTAL
DEPTH

VISIT TEAM:

FDEP

AGENCY:

MIDWAY
M/CAM

IRE
LE LEAF

SHADOW PINE

ORANGE
LAKE VILLAGE



Willow Point

LAKE PARK

MAIL

HOLIDAY
SHORES

296

102nd Ave

S

Osceola High School



CATALINA
ESTATES

Starkey Rd



Dunkin'

LAKE SEMINOLE
ESTATES

Lake
Seminole Park