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AB-17-1.7

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET

(7-6-06 V2)

WATERBODY Lake Pierce		DATE (M/D/YY): 04/08/19	TIME: (AM) 1150	Case ID#:			
COUNTY: Polk	LOCATION: center of Lake		NEAREST TOWN/CITY: Lake Wales				
Visit Type: Initial ☒ Recon ☐ Sampling ☒ Follow-up ☐	Samples collected: ☒ yes ☐ no Sample collection method: Single Grab: ☒ Grab Composite: ☐ Depth integrated composite: ☐	Samples submitted to: FDEP Tallahassee					
Sample & Analysis types: Aqueous: ☐ Surface Scum: ☐ Benthic mat: ☐ Tissue: ☐		Photos Taken: ☒ yes ☐ no					
Algal ID & enumeration: ☒ Nutrients: ☒ Chl-a: ☒ AGP: ☐ Turbidity: ☒ Toxin: ☒ microcystin		Specify					
Estimated size of bloom: not observed		Impounded: ☐ yes ☒ no					
Lake/Estuary Typical depth: 2m deep		Stream/River/Canal: ☐ m wide					
Inflows: ☐ yes ☒ no		Typical Transect: ☐ m deep ☐ m deep ☐ m deep					
Outflows: ☒ yes ☐ no		Water velocity: ☐ m/s ☐ m/s ☐ m/s					
Canopy Cover: Open: ☒ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐							
Description of Bloom/ 80s partially cloudy moderat wind		Latitude: Degrees Minutes Seconds Longitude: Degrees Minutes Seconds					
Present Weather conditions: 80s partially cloudy moderat wind		Last rain event: 2810					
Print a map from GIS tool or Internet mapping service (e.g., Mapquest, Google Map): N, NW		Rainfall amount: 0.2					
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):	Secch(m)
Top		0.3	24.94	8.47	9.05	161	
Mid-depth							
Bottom		2.2	24.94	8.49	9.11	161	0.2
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: CLARITY WAS ALMOST OPAQUE		Abundance: Periphyton ☐ Absent ☐ Rare ☐ Common ☐ Abundant ☐ Fish ☐ Aquatic Macrophytes ☐ Iron/sulfur Bacteria ☐					

VISIT TEAM:

Matthew Bearden
FRANCISCO Faria

AGENCY:
SW ROC - DEP

Field ID/WIN

LAKE PIERCE



Site Name: Lake Pierce Bloom Response

copies are considered unofficial and uncontrolled.

Contains: 1:1 H2SO4
Lot No.: SA8274050
Expires: 10/01/19
See Safety Data Sheet (SDS)

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Lot No.: SA8274050
Expires: 10/01/19
See Safety Data Sheet (SDS)

Field Report Prepared By: *M. B. ...*

Sampling Agency: Sec 20

Ref:	Date:	25Feb19	SHIPPING:	0.00
Dep:	Wgt:	35.00 LBS	SPECIAL:	0.00
	DV:		HANDLING:	0.00
		0.00	TOTAL:	0.00

Sys: PRIORITY OVERNIGHT
TRCK: 4751 8777 1793