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AB-17-1.10

Elam Lake Algal Bloom Response

Appendix A

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

WATERBODY Elam Lake		DATE (M/D/Y): 04/29/2019	TIME: (AM) 12 40	Case ID#:			
COUNTY: Pasco	LOCATION:		NEAREST TOWN/CITY: Wesley Chapel				
Visit Type: Initial ☐ Recon ☐ Sampling ☒ Follow- ☐	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: Impounded: ☐ yes ☐ no							
Lake/Estuary Typical depth: 2.7 m deep Inflows: ☐ yes ☐ no Outflows: ☐ yes ☐ no							
Stream/River/Canal: ☐ m wide Typical Transect: ☐ m deep ☐ m deep ☐ m deep Water velocity: ☐ m/s ☐ m/s ☐ m/s							
Canopy Cover: Open: ☒ Lightly Shaded (11-45%): ☐ Moderately Shaded (46-80%): ☐ Heavily Shaded: ☐							
Description of Bloom/ Latitude: 28 Degrees 16 Minutes 46.7688 Seconds Longitude: -82 Degrees 19 Minutes 12.4968 Seconds							
Present Weather conditions wind out of East							
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.							
Last rain event							
Rainfall amount							
WATER QUALITY							
Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	Sal	DO %	Secchi (m)
Top	0.3	26.78	9.03	10.37	144	0.07	129.7
Mid-depth							0.4
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: ☐ Globs: ☐ Slick: ☐							
Water Clarity (check box): Clear: ☐ Slightly turbid: ☐ Turbid: ☒ Opaque: ☐							
Bloom Color (check box): Green: ☐ Red: ☐ Brown: ☒ Other: ☐							
Notes							
Abundance: Absent Rare Common Abundant							
Periphyton ☐ ☐ ☒ ☐							
Fish ☐ ☐ ☒ ☐							
Aquatic Macrophytes ☐ ☐ ☒ ☐							
Iron/sulfur Bacteria ☒ ☐ ☐ ☐							
VISIT TEAM: Matthew Bearden Sarah Meyer							
AGENCY: FDEP SW ROC							

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

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Sampling Agency: **FD-ED SUI DO**

Group(s)
(See pg 2)
A/B/C/D

[illegible]

Ref :	Date: 15Apr19	SHIPPING:	0.00
Dep:	Wgt: 10.00 LBS	SPECIAL:	0.00
	DV:	HANDLING:	0.00
		TOTAL:	0.00

Spec. PRIORITY OVERNIGHT Master:4751 8778 7910
TRCK:4751 8778 7921

Group: A	Bottle Type: BLOOM-ID	PT-50ML	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: W-MCYST-AA	BG-WD250	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	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: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	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: 3	Preservative:	Lugols	Enter Number of Bottles Sent to Lab	1