

Effective Date: 08/04/2014
Revision Date: 08/04/2014

RQ-2018-09-24-65

Date: 09/24/2018

Time: 1016

Lake Eva Bloom Field ID



EVA BLOOM

ESPONSE FIELD DATA SHEET

(7-6-06 V2)

DATE (M/D/Y):

TIME: (AM)

Case ID#:

9/24/18 1016

COUNTY: Polk	LOCATION: Lake Eva	NEAREST TOWN/CITY: Lake Alfred
Visit Type: Initial ☒ Recon ☐ Sampling ☐ Follow-up ☐	Samples collected: ☒ yes ☐ no	Samples submitted to: FDEP Tallahassee
Sample collection method: Single Grab ☒ Grab Composite ☐ Depth integrated composite ☐	Photos Taken: ☒ yes ☐ no	
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: 4.2 m deep	Inflows: ☒ yes ☐ no	Typical Transect ☐ m deep
Outflows: ☐ yes ☒ no	Water velocity ☐ 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 Degrees Minutes Seconds Longitude Degrees Minutes Seconds	
Present Weather conditions: Sunny 80's	
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):	Secch(m)
Top	0.5	24.35	6.88	5.12	342	
Mid-depth						0.2
Bottom	3.7	27.08	6.67	0.25	432	
System Type: Stream: ☐ (1st - 2nd order 3rd - 4th order) 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	Abundance: Absent Rare Common Abundant					
	Periphyton ☐ ☐ ☒ ☐					
	Fish ☐ ☒ ☐ ☐					
	Aquatic Macrophytes ☐ ☒ ☐ ☐					
	Iron/sulfur Bacteria ☒ ☐ ☐ ☐					

VISIT TEAM:

SWROC DEP AGENCY:

Dylan Horning
Hannah Sprinkle
Ben Paswater

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: SW-DIST

Project ID: BLOOM-RESP

Requester: Matthew Bearden

Field Report Prepared By: Hannan SprinkleCollected By: Dylan HorningSampling Agency: SWPAC

Loc#		☐ Comp		Collection (comp begin or grab)		☒ Grab		Date 9/24/18		Time 0954		Composite end		Bottle Group(s)	
Field		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		☒ % sat		Total Res. Chlorine					
WIN		Temp (C) 29.35		pH 6.88		Sample Depth 0.3		☐ ft		☒ m		Sp. Conductance (umho/cm) 378		A, B, C	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Comments							
Location		☐ Comp		Collection (comp begin or grab)		☐ Grab		Date		Time		Composite end		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L		☐ % sat		Total Res. Chlorine					
WIN/STORET #		Temp (C)		pH		Sample Depth		☐ ft		☐ m		Sp. Conductance (umho/cm)			
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Comments							
Location		☐ Comp		Collection (comp begin or grab)		☐ Grab		Date		Time		Composite end		Bottle Group(s)	
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Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L		☐ % sat		Total Res. Chlorine					
WIN/STORET #		Temp (C)		pH		Sample Depth		☐ ft		☐ m		Sp. Conductance (umho/cm)			
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Comments							

Relinquished By: <u>Hannan Sprinkle</u>	Date/Time: 09/24/18	Shipping Method: <u>FedEx</u>	Number of Coolers Shipped: <u>1</u>	Received By:	Date/Time:
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Group: A	Bottle Type: BLOOM-ID	PT-50ML	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: B	Bottle Type: W-MCYST-AA	BG-WD250	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	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: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
Group: C	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	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: 1	Preservative:	Lugol's	Enter Number of Bottles Sent to Lab	1