

CYANOBACTERIA BLOOM RESPONSE FIELD DATA SHEET (7-6-05 V2)																																													
WATERBODY Lake Melva				DATE (M/D/Y): 6/23/21		TIME: (AM) 1045		Case ID#: SEHAB0056																																					
COUNTY: Broward			LOCATION:			NEAREST TOWN/CITY: Ft. Lauderdale																																							
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:		Impounded: ☐ yes ☐ no		Stream/River/Canal ☐ Specify _____																																									
Lake/Estuary Typical depth 0.68 m deep		Inflows: ☐ yes ☐ no		Typical Transect		m wide																																							
		Outflows: ☐ yes ☐ no		m deep		m deep		m deep																																					
				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 _____ Longitude _____ Present Weather conditions Degrees Minutes Seconds Degrees Minutes Seconds																																													
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 _____																																													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>WATER QUALITY</th> <th>Depth (m):</th> <th>Temp. (°C):</th> <th>pH (SU):</th> <th>D.O. (mg/l):</th> <th>Cond. (µmho/cm) or Salinity (ppt):</th> <th>DO %</th> <th>Salinity (ppt)</th> <th>Secch (m)</th> </tr> </thead> <tbody> <tr> <td>Top</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Mid-depth</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bottom</td> <td>0.3</td> <td>30.2</td> <td>7.57</td> <td>5.91</td> <td>356.4</td> <td>78.9</td> <td>0.17</td> <td>0.68</td> </tr> </tbody> </table>										WATER QUALITY	Depth (m):	Temp. (°C):	pH (SU):	D.O. (mg/l):	Cond. (µmho/cm) or Salinity (ppt):	DO %	Salinity (ppt)	Secch (m)	Top									Mid-depth									Bottom	0.3	30.2	7.57	5.91	356.4	78.9	0.17	0.68
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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					Abundance:																																								
					Periphyton																																								
					Fish																																								
					Aquatic Macrophytes																																								
					Iron/sulfur Bacteria																																								
					Absent Rare Common Abundant																																								
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