



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SURFACE WATER FIELD SHEET
Watershed Monitoring Section
January 2016

STATION INFORMATION

Station Name (Random ID for Status): Z1-SL-12013 Date: 9/10/18 (MM/DD/YYYY)
Waterbody Name: Alaqua Lake (if known) All Times Are: (circle one) ETZ or CTZ
Daylight Savings Time Observed (mid-Mar. - early Nov.)? Yes / No
Waterbody Type: (Circle One) Small Lake (≥ 4 and < 10 hectares) (collect samples in middle of open water)
Large Lake (≥ 10 hectares) (collect samples at selected location point)
Stream (collect samples in representative area) Canal (collect samples in representative area) River (collect samples in representative area)
Field Sheet Completed by: W. Bretana WQ Sample Collected by: NA

WATER CHARACTERISTICS

Total Water Depth: 7.3 (meters) (Average of 2 measurements) Secchi Depth: 1.8 (meters) (from SHADED side) Stage: NA (if applicable)
Stream/River/Canal Flow: (Circle One) N/A (waterbody not stream / river / canal) No Flow Flow within Banks Flow Above Banks
(please comment if avg. velocity is < 0.05 m/s) (For Status sites, DO NOT sample if flooded above banks.)
Water Level: (Circle One) Low Normal High
Water Sample Collection Device: (Circle One) Direct Grab with Sample Bottle Van Dorn # of grabs Dipper Other
Equipment ID (if applicable):

FIELD MEASUREMENTS

Meter ID# <u>154179</u>		Read by: <u>W. Bretana</u>				
Time (24 hr.)	Surface Depth Collected (meters)	Temperature (°C)	Specific Conductance (µmhos/cm)	D.O. (%)	D.O. (mg/L)	pH (SU)
<u>1025</u>	<u>0.3</u>	<u>27.9</u>	<u>13.8</u>	<u>96.9</u>	<u>7.60</u>	<u>4.81</u>
Time (24 hr.)	Bottom Depth Collected (meters)	Temperature (°C)	Specific Conductance (µmhos/cm)	D.O. (%)	D.O. (mg/L)	pH (SU)
<u>1030</u>	<u>6.8</u>	<u>25.0</u>	<u>14.8</u>	<u>55.5</u>	<u>4.58</u>	<u>4.49</u>

PRESERVATION INFORMATION

☐ N/A (No samples collected; please state why in comments.)
Were all samples (including QA/QC blanks) properly preserved within 15 minutes of collection? Yes / No
1 vial sulfuric acid added to nutrients sample(s)? Yes / No Sulfuric acid info: (circle one) Chem ID / Lot # SA8085170
1 vial nitric acid added to metals sample(s)? Yes / No Nitric acid info: (circle one) Chem ID / Lot # NA7341010
pH of all acidified samples verified to be < 2? Yes / No SCI samples preserved with buffered formalin? Yes / No / NA
All water & sediment samples placed in wet ice (≤ 6°C)? Yes / No
(Please describe any variations to this preservation protocol in the comments section below.) Preserved By: MIKE KING

QA/QC SAMPLE INFORMATION

QA/QC Sample: (Circle One) N/A Field Blank Equipment Blank
(Field-cleaned) (Lab-cleaned)
Equipment Used: Time: (24 hr.)
Collected by:

Photos Taken? Yes / No / Not Due
(Required for all Status sites. Required annually for Trend sites.)

Fuel Powered Equipment Used? (e.g. boat motor) Yes No

Weather Conditions: Sunny, partly cloudy

Personnel/Visitors On Site: MIKE KING
Whitney BREUNA

Ref:
Dep:

Date: 27Aug18
Wgt: 25.00 LBS
DV:

SHIPPING: 0.00
SPECIAL: 0.00
HANDLING: 0.00
TOTAL: 0.00

Svcs: PRIORITY OVERNIGHT Master 4385 5032 8840
TRACK: 4385 5032 8910



Z1-SL-12013

Z1SL1809 Z1-SL-12013 LAKE ALAQUA

Place QA/QC Label Here
(if applicable)

Station Name (Random ID for Status): 21-SL-12013Date: 09/10/2018

SEDIMENT INFORMATION (for Lakes only)

☐ N/A (Site not a lake or no samples collected. If no samples collected, please state why in comments.)Collection Depth: 7.3 (meters)
(Total Water Depth)Collection Time: 1035 (24 hr.)
(Different than surface and bottom time in Field Measurements section)Collection Interval: (Circle) Top 3-5 cmOther: _____ (cm)
(If top 3-5 is too flocculent)General Sample Collection Area: LAKE MIDDLE
(Describe near shore, central, north side near dock, etc.)

Sample Collection Device: (Circle One)

Corer

Ekman

Petite Ponar

Equipment ID: ED1

Sediment Type: (Circle All That Apply)

Clay/Silt

Sand

Gravel/Shell Rubble

*Organic Muck

*(very fine-grained flocculent organic material)

Sediment Odors: (Circle One)

Normal

MK

Sewage

Petroleum

Hydrogen Sulfide

Other: slight anaerobicSediment Color: brownNumber of Grabs Collected (3 minimum): 3

Collected by:

MICHAEL KING

BIOASSESSMENT INFORMATION

Stream Condition Index Information (Appropriate Trend sites)

Was the SCI sample collected? Yes / No / Not Due / NA (not an appropriate Trend site)
(Circle One)Collection Time: _____ (24 hr.)
(Different than surface and bottom time in Field Measurements section)

If site was an appropriate Trend stream or river but "NO" was selected, why was the SCI not collected (flooded, < 0.05 m/s velocity, etc.)?

Collected by:

Habitat Assessment Information (All Status Streams, Rivers, & Canals; Trend sites appropriate for SCI)

Was the HA performed? (Circle One) Yes / No / Not Due / NA (site not a Status Stream/River/Canal or appropriate Trend site)

If site was a stream, river or canal but "NO" was selected, why was the HA not performed (dangerous site conditions, etc.)?

Performed by:

Rapid Periphyton Survey Information (Trend sites appropriate for SCI)

Was the RPS performed? (Circle One) Yes / No / Not Due / NA (not an appropriate Trend site)

ALGAL-ID sample collected? (circle one) Yes No

If site was an appropriate Trend stream or river but "NO" was selected, why was the RPS not performed (dangerous site conditions, etc.)?

Performed by:

Linear Vegetation Survey Information (Trend sites appropriate for SCI) / Lake Vegetation Index Information (Status Lakes)

Was the LVS performed? (Circle One) Yes / No / Not Due / NA (not an appropriate Trend site)

Number of Plant ID specimens collected: _____

Was the LVI performed? (Circle One) Yes / No / Not Due (LVI performed previous year) / NA (not a Status Lake)If site was an appropriate Trend stream or river but "NO" was selected, why was LVS not performed (< 2 m² aquatic vegetation, dangerous site conditions, etc.)?

If site was a Status Lake but "NO" was selected, why was LVI not performed (LVI will be performed at later date, dangerous site conditions, etc.)?

Site was sampled w/ LVI LAST YEAR 2017

Performed by:

Comments: Include information such as: estimated level of impact to the system (ex. obvious pollution, etc.), any variations from normal preservation protocols (ex. adding more than 1 vial acid, etc.), any problems experienced with collecting samples (ex. sediment grab 1 lost due to fall-out, etc.), any site specifics (ex. dense submerged vegetation, etc.), any site conditions (ex. recent heavy rains, etc.), description of any photos taken, etc., any qualifiers needed (ex. "J" for failed calibration verification, etc.), etc.

Invasive Exotic Apple Snail eggs present:

Yes No

(pink, clustered, small, numerous eggs)

NEW DOCK CONSTRUCTION w/ 250 ft of sampling station

Sampler Names: (PLEASE PRINT)

MICHAEL KINGWhitney BRETHERTON

Sampler Signatures:

[Signature]

OFFICE USE ONLY

Reviewed for completion by:

Date: