



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATUS & TREND NETWORKS FIELD SHEET - SURFACE WATER
Effective: January 2022

Collection Agency: 8010 Project Name: Z1SL2209 Date: 09/22/2022

Trend Network Station Name:
OR Status Network Random ID: Z1-SL-16010

Waterbody Name: N/A (Tire Pond) RQ-2022-09-19-13

Waterbody Type: SMALL LAKE

Sampling Team Member Names	Field Measurements	Water Sample Collection	Documentation	Sample Preservation	Field / Equip. Blank Collection	Sediment Sample Collection	Bioassessment Data Collection	Signatures or Initials
Frank Butera	X		X				X	FB
Lauren McNally		X		X				LM

Additional Personnel / Visitors On-site:

Weather Conditions: Sunny, Hot (100+)

Photos Taken: YES (Required for all Status stations. Required annually for all Trend stations.)

Water Level: HIGH	Flow: N/A	Tide: N/A
QA/QC Blank Collected at this station? NA		
QA/QC Blank Field ID:		Collection Time (24 hr):
Van Dorn Equip. ID / Name:		Cleaning:
Bioassessment Data Collected: ☐ None ☒ HA ☐ SCI ☐ RPS ☐ LVS ☒ LVI		

Sediment Sample Collected: YES	Sed. Collection Time (24hr): 12:26	CTZ
Sed. Collection Depth (m) (total water depth): 7.8	Number of Grabs (minimum 3): 3	
Sed. Collection Interval: Top 3-5 cm		
Sed. Collection Area Description: Lake center		
Sed. Collection Device: Ekman Grab	Device ID: ED1	
Dominant Sed. Type (select one): ORGANIC MUCK		
Sediment Odors (select one): NORMAL		
Sediment Color: Brown		
Sediment Sample Comments:		

Field ID: Z1-SL-16010Project Name: Z1SL2209Date: 09/22/2022

Water Sampling Equipment:



Direct Grab with Sample Container



Van Dorn: _____ # Grabs; _____ Equipment ID

Collection Method: Canoe or KayakField Meter ID: 155077 (ProDSS)Depth Measurement Device: Sonar - Lightsaber 1

DATA COLLECTION DEPTHS: Total depth < 0.1 m → no data collection. Total depth ≥ 0.1m and < 0.6m → surf. meas. & sample at mid-depth.
Total depth ≥ 0.6 m & < 1.5 m → surface meas. & sample at 0.3m. Total depth ≥ 1.5 m → surface meas. & sample at 0.3m, bottom meas. 0.5 m above bottom.

PRIMARY (SURFACE) SAMPLECollection Time (24 hr): **12:11** CTZ

Check here if Secchi depth visible on bottom (S qualifier needed).



Check here if bottom measurements not collected because total depth < 1.5 m.

PARAMETER	VALUE	QUALIFIER(S)	RESULT COMMENT
Sample Collection Depth (m)	0.3		
Secchi Depth (m)	2.3		
Total Depth (m)	7.8		
Temp (°C)	29.4		
D.O. (% SAT)	114.8		
D.O. (mg/L)	8.73		
Sp. Cond. (umhos/cm)	29.2		
pH (SU)	7.1		

BOTTOM SAMPLE (FIELD MEAS. ONLY)Collection Time (24 hr): **12:15** CTZ

PARAMETER	VALUE	QUALIFIER(S)	RESULT COMMENT
Sample Collection Depth (m)	7.3		
Temp (°C)	22.6		
D.O. (% SAT)	2.1		
D.O. (mg/L)	0.18		
Sp. Cond. (umhos/cm)	102.1		
pH (SU)	6.34		

SAMPLE COMMENTS**PRIMARY (SURFACE):****BOTTOM:****OFFICE USE ONLY**

Reviewed By:

Date:

WIN ID:

SBIO-Visit:

HA-ID:

RPS-ID:

Macro-ID:



RQ-2022-09-19-13

Project Name: Z1SL2209

Collected By (Agency Code): 8010

Sampler Names: Frank Butera, Lauren McNally

Customer: AMBIENT

Lab Project ID: STATUS

 Site Location: Z1-SL-16010  Field ID: Z1-SL-16010				Comments: Sulfuric Acid Lot #: SA2145160 Nitric Acid Lot #: NA1105100		
Matrix: W-SURF-FRSH				✓ Grab		
Date Collected	Time Collected	D.O. (% SAT)	Temp (°C)	pH (SU)	Sample Depth (m)	Sp. Cond. (umhos/cm)
09/22/2022	12:11 CTZ	114.8	29.4	7.1	0.3	29.2
Check Boxes for Each Container Submitted to Lab				Preservation (Must be completed within 15 min of sample collection)	# Bottles sent to Lab	Bottle Group
Parameter Suite	Lab Test Codes Trend Core	Lab Test Codes Status Core	Lab Test Codes Special Projects			
Chlorophyll (BP-1L)	☐ CHLSUITE-W	☒ CHLSUITE-W		☒ Ice	1	A
Nutrients (P-500ML)	☐ W-NH3 / W-NO2NO3 / W-S-T-P / W-TKN / W-TOC	☒ W-NH3 / W-NO2NO3 / W-S-T-P / W-TKN / W-TOC		☒ 2ML H2SO4 ☒ pH < 2 ☒ Ice	1	
Metals (P-500ML)	☐ W-HARD / W-ICP / W-ICPMS	☒ W-HARD / W-ICP / W-ICPMS		☒ 2ML HNO3 ☒ pH < 2 ☒ Ice	1	
Anion / Phys. Aggregate (P-1L)	☐ ALKALINITY / TURBIDITY / W-CL-IC / W-COLOR / W-COND / W-F / W-SO4-IC / W-TSS	☒ ALKALINITY / TURBIDITY / W-CL-IC / W-COLOR / W-COND / W-F / W-SO4-IC / W-TSS		☒ Ice	1	
Microbiology (P-250ML or P-120ML)	☐ ECOLI-18-QT	☒ ECOLI-18-QT		☒ Ice	1	
Toxins (P-125ML/BG-250ML)			☒ W-MCYST-AA	☒ Ice	1	
Molecular (QPCR-P-500ML)			☐ PCR-BACR / PCR-DG3 / PCR-GFD / PCR-GULL2 / PCR-HF183	☐ Ice		
Tracers (BG-500ML)			☐ W-E8321-DI / W-E8321-MS	☐ Ice		
Pesticides (BG-1L)			☐ W-PSNP-TQ	☐ Ice		
Filtered Nutrient (P-125ML)			☐ W-PO4-F	☐ Field Filtered w/ syringe & 0.45 um PES filter ☐ Ice		

Matrix: SEDIMENT	Date Collected: 09/22/2022	Time Collected: 12:26 CTZ				
Check Boxes for Each Container Submitted to Lab						
Parameter Suite	Lab Test Codes Trend Core	Lab Test Codes Status Core	Lab Test Codes Special Projects	Preservation (Must be completed within 15 min of sample collection)	# Bottles sent to Lab	Bottle Group
Metals (GJ-500ML)		☒ S-HG-TDA / S-ICP-TO / S-ICPMS-TO		☒ Ice	1	C

Matrix: BIOLOGICAL	Date Collected: 09/22/2022	Time Collected: CTZ				
Check Boxes for Each Container Submitted to Lab						
Parameter Suite	Lab Test Codes Trend Core	Lab Test Codes Status Core	Lab Test Codes Special Projects	Preservation	# Bottles sent to Lab	Bottle Group
Macroinvert-SCI (PJ-2L)	☐ MI-FW-QLDC		☐ MI-FW-QLDC	☐ Buffered Formalin (10%)		
Algal ID (PT-50ML)	☐ ALGAL_ID		☐ ALGAL_ID	☐ Ice		



RQ-2022-09-19-13

Project Name: Z1SL2209

Collected By (Agency Code): 8010

Sampler Names: Frank Butera, Lauren McNally

Customer: AMBIENT

Lab Project ID: STATUS

Comments:

Sulfuric Acid Lot #:

Nitric Acid Lot #:

Matrix:

✓ Grab

Date Collected

Blank Collection Time

Check Boxes for Each Container Submitted to Lab

Parameter Suite	Lab Test Codes Trend Core	Lab Test Codes Status Core	Lab Test Codes Special Projects	Preservation (Must be completed within 15 min of sample collection)	# Bottles sent to Lab	Bottle Group
Nutrients (P-500ML)	☐ W-NH3 / W-NO2NO3 / W-S-T-P / W-TKN / W-TOC	☐ W-NH3 / W-NO2NO3 / W-S-T-P / W-TKN / W-TOC		☐ 2ML H ₂ SO ₄ ☐ pH < 2 ☐ Ice		
Metals (P-500ML)	☐ W-HARD / W-ICP / W-ICPMS	☐ W-HARD / W-ICP / W-ICPMS		☐ 2ML HNO ₃ ☐ pH < 2 ☐ Ice		
Anion / Phys. Aggregate (P-1L)	☐ ALKALINITY / TURBIDITY / W-CL-IC / W-COLOR / W-COND / W-F / W-SO4-IC / W-TSS	☐ ALKALINITY / TURBIDITY / W-CL-IC / W-COLOR / W-COND / W-F / W-SO4-IC / W-TSS		☐ Ice		
Microbiology (P-250ML or P-120ML)	☐ ECOLI-18-QT	☐ ECOLI-18-QT		☐ Ice		
Toxins (P-125ML/BG-250ML)			☐ W-MCYST-AA	☐ Ice		
Tracers (BG-500ML)			☐ W-E8321-DI / W-E8321-MS	☐ Ice		
Pesticides (BG-1L)			☐ W-PSNP-TQ	☐ Ice		
Filtered Nutrient (P-125ML)			☐ W-PO4-F	☐ Field Filtered w/ syringe & 0.45 um PES filter ☐ Ice		

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID: **155077**

RQ: **2022-09-19-13**

Project: **Stony Small Lakes**

Notes: (1) Always wait for meter to stabilize before recording any readings.

(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).

(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification **6/27/22**

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	F. Butler	9/22/22	7:30	22.8	759.4	8.6	8.59	100.4			P/F	L/F
ICV	F. Butler	9/24/22	7:32	23.0	759.4	8.6	8.58	100.2			P/F	L/F
CCV	L.M. Nally	↓	1531	24.9	757.6	8.3	8.30	100.9			P/F	L/F
CCV											P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Frank Butler	9/22/22	7:35	2204130	04/2023	1000	1005	P/F	L/F
ICV	Frank Butler	9/24/22	7:34	2204130	04/2023	1000	99.9	P/F	L/F
CCV	L.M. Nally	↓	1534	2204130	4/23	100	99.9	P/F	L/F
CCV	Frank Butler	9/22/22	17:04	2204130	4/2023	1000	1000	P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Frank Butler	9/22/22	7:36	213754	6/2023	7.0	23.3	7.01	-11.7	P/F	L/F
Calibr.	↓	↓	7:38	2100260	6/10/2023	4.0	23.4	4.00	162.0	P/F	L/F
Calibr.	↓	↓	7:40	205284	10/22	10.0	23.0	10.00	-189.0	P/F	L/F
ICV	Frank Butler	↓	7:41	2100260	6/15/2023	4.0	23.3	4.12	155.7	P/F	L/F
CCV	L.M. Nally	↓	1534	213754	6/23	7.00	22.1	7.03	-13.9	P/F	L/F
CCV	Frank Butler	9/22/22	17:04							P/F	L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ;

mV pH 4 Range $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 **167.4**, slope from 4 to 7 **174.4** (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? **YES** / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: **6/27/22**

If NO, what will be used? (circle one) **Secchi Disk Line** / Sonar Unique ID: _____; Date of last verification: _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air	F. Butler	9/22/22	7:49	0.00	0.00	P/F	L/F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS: **21-SL-1604P**
Tire Pond LVI