FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End of Day CCV: Yes / No

WIN Station Name: See label on page 2 **Date:** 6/2/2020 (mm/dd/yyyy)

WIN/ Field ID: See label on page 2 **WBID:** 1521B **Latitude:** (Decimal Degrees)

County: POLK **ORG ID:** 21FLTPA **Longitude:** (Decimal Degrees)

Receiving Body of Water: **RQ-2020-** 05-04-37

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Jesse Ashton	✓	✓			
Brent Pasmore		✓	✓		

Sampling Equipment

- [x] Sample Container
- [ ] Van Dorn
- Syringe
- Pole
- Dipper
- Other
- Depth Measured with
- Equipment ID: Secchi #3

Collection Method

- [ ] Wading
- [ ] From Shore
- Other
- [ ] Canoe/Kayak
- [ ] Electric Motor
- [x] Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded

Meter ID# ~~Chewy~~ SWD

Photos: Yes / No **Flow:** No Flow / Flowing / NA **Tide:** Rising/ Falling/ Slack/ NA **Tide Times:** High Low

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:

SBIO ID Numbers:	SBIO-ID: 81048	HA-ID: 16618	RPS-ID: —	Macrophyte-ID: 11668	LIMS#: 2174596

Notes:

Duplicate Sample

Time Zone: EST **Time:** ~~1200~~ 1205

WIN DMT Activity ID:

Field ID: G3SW0078_DUP

Location: Lake Elloise @ Center

WIN ID: G3SW0078

Blank

Time Zone: EST **Time:** 0810

DI Source: SWDIST DI Machine

- [x] Field Blank
- [ ] Equipment Blank
- [ ] Field Cleaned Equioment Blank

FIELD ID: FB 06022020

LOCATION: Field_Blank

LIMS EVENT ID: 2020-06-03-02 **WIN Import ID:** 21448

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 06/11/2020 (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** SM 08/10/2020 (Initials/Date)

Scan/Save Field Sheets (Initials/Date) **Migrate Data to WIN:** SM 08/10/2020 (Initials/Date) **Verify Data In WIN:** SM 09/14/2020 (Initials/Date)

RQ-2020- see page 1 Collected By: SWROC
Customer: SWROC Field Report Prepared By: J Ashton
Project ID: SMP Sampling Agency: DEP SWROC

Field ID/WIN **G3SW0078**

Site Name: **Lake Elloise @ Center**

Comments: * TOO WINDY – ANCHOR NOT HOLDING – UNABLE TO GET TOTAL DEPTH

Matrix: Fresh / Marine (Check one) ☑ GRAB ☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C⁰)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTh)
6.2.20	1200 EST	8.21	105.7	28.4	8.43	0.3	1.8 ☐ VOB (S)	? *	283.6	0.13
	Cental Lab please use top row for login purposes									
	EST									

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☑ ~~W-NH3~~ / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP SA9354050	☑ ~~Ice~~ ☐ ~~H_2SO_4*~~	☑ ~~<2~~	1	A
	Lot # ~~SA9301030~~ **Exp:**	~~10/28/2020~~ 12-20-20			
Metals (P-500ML)	☑ ~~W-ICPMS~~ ☑ ~~W-ICP~~ ☑ ~~W-HARD~~ NA9254150	☑ ~~Ice~~ ☐ ~~HNO_3*~~	☑ ~~<2~~	1	
	Lot # ~~NA9189080~~ **Exp:**	~~7/8/2020~~ 9-11-20			
Filtered Nutrients (P125ML)	☑ ~~W-PO4-F~~ ☐ ~~Field Filtered 0.45 µm Filter~~	☐ Ice		1	
	Filter Lot # 16968882				
	Syringe Lot # 9056849				
Chlorophyll (BP-1L)	☑ ~~CHLSUITE-W~~	☐ Ice		1	
Physical/Aggregate (Fresh)(P-1L)	☑ ~~Alkalinity~~ / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☐ ~~Ice~~		1	
Physical/Aggregate (Marine P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☐ E Coli ☐ F Coli ☐ Enterococci ☐ Contract Lab	☐ Ice			
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐ See Notes	☐ Ice			
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ WE8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			

Name: Judy Ashton Signature: Date: / /2020

*2.0 ml of Preservative used unless noted otherwise.
**MCAA: Monochloroacetic acid buffer solution

Field ID/WIN **G3SW0078**

-31: LAKE OBSERVATION FIELD SHEET

Site Name: **Lake Elloise @ Center**

LATITUDE: _____

LONGITUDE: _____

SAMPLING AGENCY: _____

WBID: 1521B

LAKE SIZE: L RQ: 2020-05-04-37

FIELD ID/NAME: _____

WATERSHED / LAKESIDE FEATURES

PREDOMINANT LAND-USE IN WATERSHED (specify relative percent in each category – from GIS):

Forest/Natural	Silviculture	Field/Pasture	Agricultural	Residential	Commercial	Industrial	Other (Specify)
10				80	5	5	

LANDSCAPE DEVELOPMENT INTENSITY (100 m buffer)

LDI: _____

Land Use Source & Year:

Local Watershed Erosion (select one) : ☐ None ☑ Slight ☐ Moderate ☐ Heavy

Local Watershed NPS Pollution : ☐ No evidence ☑ Slight ☐ Moderate ☐ Heavy

Artificially Impounded ☐ Yes ☑ No

STORMWATER INPUTS 14	Stormwater enters system via sheet flow over non-cultivated and/or natural vegetation					Some direct stormwater inputs (ditches, pipes, cultivated vegetation < 10%) but good BMPs in place					Moderate direct inputs of stormwater (ditches, pipes, cultivated vegetation 11%-50%) but few BMPs in place					Much direct input of stormwater (ditches, pipes, cultivated vegetation > 51%) and no or ineffective BMPs in place				
	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
LAKESIDE ALTERATIONS 14	Very few man-made structures, roads, or other disturbance adjacent to lake (<10% lakeside affected)					Moderate disturbance visible - structures, roads or other (10%-49% lakeside affected)					Many structures, roads or other human disturbance visible (50%-70% lakeside affected)					Highly developed or disturbed (>70% of lakeside affected)				
	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
BUFFER ZONE 8	Expected native vegetation between uplands and littoral zone, greater than 90% of shore with >18 m buffer					89%-51% of shoreline with >18m buffer or >75% with 10m to 18m buffer					50%-30% of shoreline with >18m buffer or 50%-74% with 10m to 18m buffer					< 29% of shoreline with >18m buffer				
	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

WATER / SUBSTRATE / BIOLOGICAL: SAMPLES AND OBSERVATIONS

Water:

Nutrient Sample Taken? ☑ Yes ☐ No Preserved? ☑ Yes ☐ pH<2 ☐ No

Color Sample Taken? ☑ Yes ☐ No Lot # _____ Exp. Date: _____

Alkalinity Sample Taken? ☑ Yes ☐ No

Water Level ☐ Low ☐ Normal ☐ High

Water Odors: ☐ Normal

☐ Sewage ☐ Petroleum ☐ Other _____

Water Surface Oils: ☐ None

☐ Sheen/Slick ☐ Glob ☐ Other _____

Meter Readings:

	Depth (M)	Temp. (°C)	pH (SU)	D.O. (MG/L)	D.O. Sat. (%)	Cond. (UMHO/CM)	Salinity (PPT)
Top:	0.3	28.4	8.43	8.21	105.7	283.6	0.13
Mid-Depth:							
Bottom :							

Meter ID: _____

Clarity: ☐ Clear ☐ Opaque ☐ Turbid ☑ Slightly Turbid

Color: ☐ Clear ☐ Tannic ☐ Green

SECCHI (M) 1.8

VOB ☐

Total Station Depth (M) 5 m

Sediment Type: (may check more than one)

☑ Sandy ☑ Organic fibrous (peaty, CPOM) ☐ Vegetated

☐ Sand/Silt ☐ Organic smooth (muck) ☐ Other (Specify): _____

Sample Taken? ☐ Yes ☒ No

Sediment Odors:

☑ Normal ☐ Other (Specify): _____

☐ Anaerobic

Biological Communities:

LVI Conducted? ☑ Yes ☐ No

Phytoplankton Sample Taken? ☐ Yes ☑ No

Sample Preserved? ☑ Yes ☐ No

Lot #: _____ Exp Date: _____

Algal Bloom/Algal ID Sample Taken? Yes (No)

Active Vegetation Mgmt? ☐ Yes ☐ No ☑ Don't Know

Abundance:

	Absent	Rare	Common	Abundant
Periphyton	☐	☐	☑	☐
Nuisance Plants	☐	☑	☐	☐
Submersed Plants	☐	☐	☐	☑
Exotic Apple Snails	☐	☐	☐	☑

Additional Notes:

Weather Conditions :

SAMPLING TEAM: PasWater + Ashton **SIGNATURE:** [signature] **DATE:** 6/2/20

Field ID/WIN **G3SW0078**

Site Name: **Lake Elloise @ Center**

6: Lake Habitat Assessment Field Sheet

		LAKE NAME	FIELD ID / NAME:
ECO-REGION:	COUNTY: Polk	SAMPLING LOCATION/DESCRIPTION:	LAKE SIZE: L

PARAMETER				
HYDROLOGY	No surface inflow or outflow present, very long water residence time, groundwater seepage dominates ☐	Surface water inflow present, but flow is rare, moderate to long water residence time ☑	Surface water inflow and outflow present (or outflow only), sometimes with visible flow, short water residence time ☐	Impounded, hydrology of system artificially controlled ☐
Color	Very clear, uncolored water (benthic sampling appropriate) ☐	Water somewhat tannin stained (benthic sampling appropriate) ☑	Dark, discolored water (water color 20 PCU or higher) ☐	Visibility extremely reduced due to high color ☐

	Optimal					Suboptimal					Marginal					Poor				
Secchi 12	Secchi >3 m				Secchi(m)	3	2.6	2.2	1.8	1.4	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1
	Or VOB	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Vegetation Quality 15	Diverse, expected native vegetation (emergent or submersed), less than 5% nuisance taxa					Mostly expected native plants, but moderate growths (6%-20% of lake) of nuisance macrophytes, or more than 50% of lake covered with plants					Large masses (21%- 40%) of nuisance macrophytes (e.g., Hydrilla, hyacinth, cattail, etc.) or algal mats					Lake choked (>40%) with nuisance macrophytes (duck-weed, hyacinth, etc.) or algal mats, or few plants present at all (e.g., plants removed)				
	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Stormwater Inputs 14	Stormwater enters system via sheet flow over non-cultivated and/or natural vegetation					Some direct stormwater inputs (ditches, pipes, cultivated vegetation < 10%) but good BMPs in place					Moderate direct inputs of stormwater (ditches, pipes, cultivated vegetation 11%-50%) but few BMPs in place					Much direct input of stormwater (ditches, pipes, cultivated vegetation > 51%) and no or ineffective BMPs in place				
	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Bottom Substrate Quality 18	Diverse mixture of sand, detritus, with small amounts of CPOM/mud/muck. SAV may be present					Mixture of sand or clay and detritus with higher % CPOM/mud/muck content. SAV may be present					Moderate layer of CPOM/ mud/muck, or hardpacked sand only, or moderate algal growth (mats or Chara) on bottom					Thick deposits of CPOM, or fine detritus and anaerobic muck/mud/silt, or algal growth or nuisance plants (Hydrilla) cover bottom				
	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Lakeside Adverse Human Alternations 14	Very few man-made structures, roads, or other disturbance adjacent to lake (<10%)					Moderate disturbance visible (structures, roads or other), 10%-49% lakeside affected					Many structures, roads or other human disturbance visible (50%-70%) lakeside affected)					Highly developed or disturbed (>70% of lakeside affected)				
	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Upland Buffer Zone 8	Expected native vegetation between uplands and littoral zone, greater than 90% of shore with >18 m buffer					89%-51% of shoreline with >18m buffer or >75% with 10m to 18m buffer					50%-30% of shoreline with >18m buffer or 50%-74% with 10m to 18m buffer					< 29% of shoreline with >18m buffer				
	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
Adverse Watershed Land Use 15	Score the potential effects from adverse human land uses, based on a continuum of amount and type, with least to most adverse as follows: Native vegetation / Silviculture / Pasture or Citrus / Low Density Residential / Row Crops / Commercial / High Density Residential, Urban / Industrial																			
	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

TOTAL SCORE 96	COMMENTS:		
ANALYSIS DATE: 6/2/20	ANALYST: Ben Plaswater	SIGNATURE:	

Field ID/WIN **G3SW0078**

DEP FORM FD 9000-27 LAKE VEGETATION INDEX FIELD SHEET

Site Name: **Lake Elloise @ Center**

Waterbody:

Signature:

County: POLK

Date: 6-2-20

*quired. *Genera that may require lab verification*

Lake units sampled (circle one group):

1, 4, 7, 10 2, 5, 8, 11 3, 6, 9, 12

It is important to note dominant or co-dominant taxa (by areal extent) for each unit. Use "D" to denote dominant taxon, or "C" for the 2 co-dominant taxa.

SPECIES (A-F)	1	10	7	4	Collected? (√)
Acer rubrum		X	X		
Alternanthera philoxeroides	X				
Andropogon sp.					
Azolla filiculoides (A. caroliniana)					
Baccharis sp.					
Bacopa caroliniana					
Bacopa monnieri					
Bidens laevis					
Bidens mitis					
Blechnum serrulatum					
Boehmeria cylindrica			X		
Brasenia schreberi					
Cabomba caroliniana					
Casuarina equisitifolia					
Centella asiatica					
Cephalanthus occidentalis		X		X	
Ceratophyllum demersum		X	X		
Chara sp.			X		
Cladium jamaicense					
Cliftonia monophylla					
Colocasia esculenta	X	X		X	
*Commelina					
Crinum americanum					
***Cyperus alternifolius** (C. involucratus)					
Cyperus articulatus					
Cyperus haspan					
*Cyperus lecontei					
*Cyperus polystachyos					
*Cyperus odoratus					
*Cyperus surinamensis					
Cyrilla racemiflora					
Decodon verticillatus					
Diodia virginiana					
*Echinochloa crus-galli					
*Echinochloa muricatum					
Echinochloa walteri	X				
Eclipta prostrata (E. alba)					
Egeria densa					
Eichhornia crassipes					
*Eleocharis baldwinii			X		
*Eleocharis					
Eleocharis cellulosa					
Eleocharis equisetoides					
Eleocharis interstincta					
*Eriocaulon compressum					
*Eriocaulon decangulare					
Eupatorium capillifolium		X			
*Fuirena					
Fuirena scirpoidea					

SPECIES (G-L)	1	10	7	4	Collected? (√)
Gordonia lasianthus					
Habenaria repens					
Hymenachne amplexicaulis					
Hydrilla verticillata		X			
Hydrocotyle sp.	X	X	X		
Hygrophila polysperma					
*Hypericum fasciculatum					
*Hypericum hypericoides					
*Hypericum myrtifolium					
Ilex cassine					
Ipomoea aquatica					
Ipomoea sagittata					
Itea virginica					
Juncus effusus					
*Juncus marginatus					
*Juncus megacephalus					
Juncus repens					
*Juncus scirpoides					
Lachnanthes caroliniana					
Leersia hexandra					
Landoltia punctata (Spirodela punctata)					
Lemna sp.					
Leucothoe racemosa (Eubotrys racemosa)					
Limnobium spongia					
Limnophila sessiliflora					
Liquidamber styraciflua					
*Ludwigia arcuata					
*Ludwigia leptocarpa					
*Ludwigia linearis					
*Ludwigia octovalvis			X		
***Ludwigia peruviana**		X		X	
*Ludwigia repens					
*Ludwigia					
Luziola fluitans (Hydrochloa carolinensis)					
Lyonia lucida					
UMBRELLA SEDGE	X		X		
~~DARK-FOOT FOXTAIL~~		X			
→ SETARIA MAGNA					
NYMPHAE ~~NEL~~ CA LOTUS			X		
CAMPHOR			X		
→ Cinnamomum camphora					
→ CYPERUS ALTERNIFOLIUS					

Site:

Date: 6-2-20

SPECIES (M-P)	1	10	7	4	Collected? (√)
Magnolia virginiana		X			
Mayaca fluviatilis					
Melaleuca quinquenervia			X		
Micranthemum glomeratum					
Micranthemum umbrosum					
Mikania scandens	X		X		
Mimosa pigra					
Myrica cerifera					
Myriophyllum aquaticum					
*Myriophyllum heterophyllum					
*Myriophyllum laxum					
*Myriophyllum pinnatum					
Myriophyllum spicatum					
*Najas filifolia					
*Najas guadalupensis	X	X	X	X	
*Najas minor					
Nelumbo lutea					
Nitella spp.					
Nuphar sp.		X	X	X	
Nymphaea odorata	X	X	X	X	
Nymphoides aquatica					
Nyssa sylvatica var. biflora					
Orontium aquaticum					
Osmunda cinnamomea					
Osmunda regalis					
Panicum hemitomon	X	X	X	X	
Panicum repens	X	X	X	X	
Paspalidium geminatum	C→X	X	X		
*Paspalum repens					
Paspalum urvillei					
Peltandra sp.					
Persea sp.		X			
Pennisetum purpureum					
Phragmites australis					
Pinus elliottii					
Pistia stratioides					
Pluchea sp.		X			
*Polygonum glabrum (densiflorum)					
*Polygonum hydropiperoides					
*Polygonum punctatum					
*Polygonum sp.					
Pontederia cordata	X	X	X	X	
*Potamogeton diversifolius					
*Potamogeton illinoensis	X	X		X	
*Potamogeton pusillus					
*Potamogeton pectinatus					
Proserpinaca pectinata					

SPECIES (R-Z)	1	10	7	4	Collected? (√)
*Rhexia					
*Rhynchospora corniculata					
*Rhynchospora inundata					
Rhynochospora tracyi					
Ricciocarpus natans					
Sabal palmetto					
Sacciolepis striata					
*Sagittaria filiformis					
*Sagittaria graminea					
*Sagittaria isoetiformis					
Sagittaria lancifolia	X	X	X	X	
Sagittaria latifolia					
Salix caroliniana		X		X	
Salvinia minima					
Sambucus canadensis	X			X	
Sapium sebiferum					
Saururus cernuus					
Schinus terebinthifolius	X	X	X	X	
*Schoenoplectus californicus (Cali bulrush)	X	X	X	X	
*Schoenoplectus pungens (three square)					
*Schoenoplectus tabernaemontani (softsteam)					
Scirpus cubensis (Oxycaryon cubense)					
Scirpus cyperinus					
*Sesbania					
Solidago sp.					
Sparganium americanum					
Spartina bakeri					
Sphagneticola trilobata (Wedelia)					
Spirodela polyrhiza					
Taxodium sp.	X	X	X	X	
Thalia geniculata					
Thelypteris palustris					
Triadenum virginicum					
Typha sp.	X	X		X	
Urochloa mutica (Brachiaria mutica)					
*Utricularia gibba (U. biflora)					
*Utricularia floridana					
*Utricularia foliosa					
*Utricularia inflata					
*Utricularia purpurea					
*Utricularia cornuta					
*Utricularia radiata					
Vallisneria americana	C→X	X	X	X	
*Websteria confervoides					
Wolffiella spp.					
Woodwardia virginica					
Xyris sp.					
Zizania aquatica					
Zizaniopsis milacea					
WEDELIA	X				

Request Number: RQ-2020-05-04-37

LVI Lake Elloise

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SW-DIST

Project ID: SMP

Requester: Benjamin Paswater

Collected By: J. Ashton, B. Paswater

Field Report Prepared By: Jessy Ashton

Sampling Agency: FDEP

Location

Field ID/WIN **G3SW0078**

Site Name: **Lake Elloise @ Center**

☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 6-2-20 Time 1200 | Eastern / Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen 8.21 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 28.4 | pH 8.43 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 283.6

Salinity (ppt) 0.13 | Comments

Location

~~Field ID: G3SW0078_DUP~~

~~Location Lake Elloise @ Center~~

~~WIN ID: G3SW0078~~

☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date 6-2-20 Time 1205 | Eastern / Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Salinity (ppt) | Comments

Location

FIELD ID: FB 06022020

LOCATION: Field_Blank

☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date 6-2-20 Time 0810 | Eastern / Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Salinity (ppt) | Comments

Location

☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time | Eastern / Central | Composite end Date Time | Bottle Group(s)

Field ID | Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

WIN/STORET # | Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms | Salinity (ppt) | Comments

---

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
J. Ashton	6-2-20 1700	FEDEX	1		

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	2
	W-HARD W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	2
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	2
	W-PO4-F W-SO4-IC-F						