



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / ☒ No

WIN Station Name: Lake Rochelle Center

Date: 06/17/2019
(mm/dd/yyyy)

WIN/ Field ID:

WBID: 14883

Latitude:

(Decimal Degrees)

County: Polk

ORG ID: 21FLTPA

Longitude:

(Decimal Degrees)

Receiving Body of Water: Lake Conne

RQ-2019- 06-10-16

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Hannah Sprinkle						X		X	X
Francisco Faria						X		X	X
Sarah Meyer						X		X	X

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with: <u>Secchi</u>		
Equipment ID: <u>Secchi #1</u>		
Collection Method		
☐ Wading	☒ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☐ Other	☒ Gasoline Motor	

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded
Photos: ☒ Yes ☐ No
Flow: No Flow / Interstitial / Flowing NA
Tide: Rising/ Falling/ Slack NA
Tide Times: High NA Low NA

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
EST	12:15	4.0	0.3	1.0	7.78	101.1	7.67	0.11	226.8	28.9
			3.5		6.79	87.4	7.18	0.11	226.5	28.4

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

SBIO ID Numbers: SBIO-ID: 80020 HA-ID: 16154 RPS-ID: 11430 Macrophyte-ID: 11430 LIMS#:

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4	<u>NA</u>		☐ <2
Metals	☒ W-CPMS ☒ W-ICP	☒ Ice ☒ HNO3	<u>NA8344050</u>	<u>12/10/19</u>	☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-EB321-DI ☐ W-EB321-MS	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-EB321-DI ☐ W-PCL-SQ-R ☐ W-EB321-MS ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☒ DTY-QN-C ☒ PKD-QN-C				

Notes:

Field ID/WIN:



280423814307

Site Name: Lake Rochelle Ref Lake

Signature: H. Smith Date: 06/17/2019

LIMS EVENT ID: 2019-06-18-01

WIN Import ID: 14480

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 08/13/2019

QC Station ID, Field Parameters In LIMS DMT: SM 09/10/2019

Scan/Save Field Sheets SM 01/13/2020

Migrate Data to WIN: SM 09/10/2019

Verify Data In WIN: SM 01/13/2020

(Initials/Date)

(Initials/Date)

(Initials/Date)

Contains: 1:1 HNO3
Lot No.: NA8344050
Expires: 12/10/19
See Safety Data Sheet (SDS)

Place Preservative (If Available)

Contains: 1:1 HNO3
Lot No.: NA8344050
Expires: 12/10/19
See Safety Data Sheet (SDS)

CAUTION
DANGER
CORROSIVE
H314 Causes severe skin burns and eye damage.
H335 May irritate the respiratory system.
P281 Wear protective gloves/long sleeves and full protective equipment.
P303+P361+P353 In case of contact with skin, wash thoroughly with plenty of water.
P501 Dispose of contents and container in accordance with local, state, and federal regulations.

DEP FORM FD 9000-31: LAKE OBSERVATION FIELD SHEET

Field ID/WIN:



280423814307

SAMPLE ID: see sticker in upper right MACROPHYTE ID: _____

COUNTY: _____ WBID: _____

LAKE SIZE: _____ TIME: _____

SAMPLING AGENCY: FLDEP SW ROC

Site Name: Lake Rochelle Ref Lake

WATERSHED / LAKESIDE FEATURES

PREDOMINANT LAND-USE IN WATERSHED (specify relative percent in each category – from GIS)										LANDSCAPE DEVELOPMENT INTENSITY (100 m buffer)									
Forest/Natural	Silviculture	Field/Pasture	Agricultural	Residential	Commercial	Industrial	Other (Specify)	LDI: _____											
<u>25</u>		<u>10</u>	<u>10</u>	<u>35</u>	<u>20</u>			Land Use Source & Year: _____											
Local Watershed Erosion (select one): ☐ None ☒ Slight ☐ Moderate ☐ Heavy								Artificially Impounded ☐ Yes ☒ No											
Local Watershed NPS Pollution: ☐ No evidence ☒ Slight ☐ Moderate ☐ Heavy																			
STORMWATER INPUTS		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					
<u>10</u>		20 19 18 17 16				15 14 13 12 11				10 9 8 7 6				5 4 3 2 1					
LAKESIDE ALTERATIONS		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)					
<u>14</u>		20 19 18 17 16				15 14 13 12 11				10 9 8 7 6				5 4 3 2 1					
BUFFER ZONE		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					
<u>9</u>		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:										Water Odors:									
Nutrient Sample Taken? ☒ Yes ☐ No Preserved? ☒ Yes ☐ No pH<2 ☐ No										☒ Normal									
Color Sample Taken? ☒ Yes ☐ No Lot # _____ Exp. Date: _____										☐ Sewage ☐ Petroleum ☐ Other _____									
Alkalinity Sample Taken? ☒ Yes ☐ No										Water Surface Oils: ☒ None									
Water Level ☐ Low ☒ Normal ☐ High										☐ Sheen/Slick ☐ Glob ☐ Other _____									
Meter Readings:		Depth (M)	Temp. (°C)	pH (SU)	D.O. (MG/L)	D.O. Sat. (%)	Cond. (UMHO/CM)	Salinity (PPT)	Clarity:		Color:								
Top:		<u>0.3</u>	<u>28.9</u>	<u>7.67</u>	<u>7.78</u>	<u>101.1</u>	<u>226.8</u>	<u>0.11</u>	☐ Clear ☒ Slightly Turbid		☒ Clear								
Mid-Depth:									☐ Opaque ☐ Turbid		☒ Tannic ☐ Green								
Bottom:		<u>3.5</u>	<u>28.4</u>	<u>7.18</u>	<u>6.79</u>	<u>87.4</u>	<u>226.5</u>	<u>0.11</u>	SECCHI (M) <u>1.0</u>		Total Station Depth (M) <u>4.0</u>								
Meter ID: <u>Chewy</u>										VOB ☐									
Sediment Type: (may check more than one)										Sediment Odors:									
☒ Sandy ☒ Organic fibrous (peaty, CPOM) ☒ Vegetated										☒ Normal ☐ Other (Specify): _____									
☐ Sand/Silt ☐ Organic smooth (muck) ☐ Other (Specify): _____										☐ Anaerobic									
Biological Communities:										Abundance:									
LVI Conducted? ☒ Yes ☐ No										Absent Rare Common Abundant									
Phytoplankton Sample Taken? ☒ Yes ☐ No										Periphyton ☐ ☐ ☒ ☐									
Sample Preserved? ☒ Yes ☐ No										Nuisance Plants ☐ ☐ ☒ ☐									
Lot #: _____ Exp Date: _____										Submersed Plants ☐ ☐ ☐ ☒									
Algal Bloom/Algal ID Sample Taken? Yes ☒ No ☐										Exotic Apple Snails ☐ ☐ ☐ ☒									
Active Vegetation Mgmt? ☒ Yes ☐ No ☐ Don't Know																			
Weather Conditions:																			
SAMPLING TEAM: <u>Ben Paswater, Judy Ashton, Kelby Callahan, Charlie Thompson</u>										SIGNATURE: <u>[Signature]</u> DATE: <u>6/17/19</u>									



280423814307

STORET STATION NUMBER: SEE STICKER UPPER RIGHT	LAKE SIZE: Mid	LAKE NAME	
ECO-REGION:	COUNTY: Polk	SAMPLING LOCATION/DES	
		Site Name: Lake Rochelle_Ref Lake	
PARAMETER	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
HYDROLOGY	☐	☒	☐
Color	Very clear, uncolored water (benthic sampling appropriate) ☐	Water somewhat tannin stained (benthic sampling appropriate) ☒	Dark, discolored water (water color 20 PCU or higher) ☐
	Impounded, hydrology of system artificially controlled ☐		
	Optimal	Suboptimal	Marginal
Secchi	Secchi >3 m Or VOB	3 2.6 2.2 1.8 1.4	1.0 0.9 0.8 0.7 0.6
10	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6
Vegetation Quality	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
12	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6
Stormwater Inputs	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
10	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6
Bottom Substrate Quality	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
15	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6
Lakeside Adverse Human Alterations	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
14	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6
Upland Buffer Zone	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
9	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6
Adverse Watershed Land Use	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		
13	20 19 18 17 16	15 14 13 12 11	10 9 8 7 6

TOTAL
SCORE**83**

COMMENTS:

ANALYSIS DATE:

6/17/19

ANALYST:

Ben Paswater

SIGNATURE:

Ben Paswater

K. CALAHAN

DEP FORM FD 9000-27 LAKE VEGETATION INDEX FIELD SHEET

Analyst: J. ASHTON, B. PASULAK		Waterbody: LAKE ROCHELLE		County: POLK							
STORE: 280423814307		Signature: [Signature]		Date: 6-17-15							
Except where noted as "sp." species level identification required. *Genera that may require lab verification* Plants in bold = FLEPPC invasive exotic. 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.				Lake units sampled (circle one group): 1, 4, 7, 10 2, 5, 8, 11 3, 6, 9, 12							
SPECIES (A-F)	1	4	7	10	Collected? (✓)	SPECIES (G-L)	1	4	7	10	Collected? (✓)
Acer rubrum	X		X	X		Gordonia lasianthus	X				
Alternanthera philoxeroides	X	X	X	X		Habenaria repens					
Andropogon sp.						Hymenachne amplexicaulis					
Azolla filiculoides (A. caroliniana)						Hydrilla verticillata	X	X		X	
Baccharis sp.				X		Hydrocotyle sp.	X	X	X	X	
Bacopa caroliniana						Hygrophila polysperma					
Bacopa monnieri		X	X			*Hypericum fasciculatum					
Bidens laevis						*Hypericum hypericoides					
Bidens mitis						*Hypericum myrtifolium					
Blechnum serrulatum	X					Ilex cassine	X				
Boehmeria cylindrica	X					Ipomoea aquatica					
Brasenia schreberi						Ipomoea sagittata					
Cabomba caroliniana						Itea virginica					
Casuarina equisetifolia						Juncus effusus		X			
Centella asiatica						*Juncus marginatus					
Cephalanthus occidentalis	X	X	X	X		*Juncus megacephalus					
Ceratophyllum demersum						Juncus repens					
Chara sp.						*Juncus scirpoides					
Cladium jamaicense						Lachnanthes caroliniana					
Cliffonia monophylla						Leersia hexandra					
Colocasia esculenta	X	X	X	X		Landoltia punctata (Spirodela punctata)					
*Commelina	X	X	X	X		Lemna sp.	X	X			
Crinum americanum						Leucothoe racemosa (Eubotrys racemosa)					
*Cyperus alternifolius (C. involucratus)						Limnium spongia					
Cyperus articulatus						Limnophila sessiliflora					
Cyperus haspan						Liquidambar styraciflua					
*Cyperus lecontei				X		*Ludwigia arcuata					
*Cyperus polystachyos			X	X		*Ludwigia leptocarpa	X		X		
*Cyperus odoratus	X	X	X	X		*Ludwigia linearis					
*Cyperus surinamensis		X		X	X	*Ludwigia octovalvis		X	X	X	
Cyrilla racemiflora						*Ludwigia peruviana	X	X	X	X	
Decodon verticillatus						*Ludwigia repens					
Diodia virginiana						*Ludwigia					
*Echinochloa crus-galli						Luziola fluitans (Hydrochloa carolinensis)					
*Echinochloa muricatum						Lyonia lucida					
Echinochloa walteri			X	X		Vitis	X			X	
Eclipta prostrata (E. alba)			X	X		stage		X			X
Egeria densa						Ceratoperis thagictroides			X		
Eichhornia crassipes			X			alschynomene indica			X		
*Eleocharis baldwinii		X				Rumex			X		
*Eleocharis						batharris				X	
Eleocharis cellulosa			X								
Eleocharis equisetoides			X								
Eleocharis interstincta			X								
*Eriocaulon compressum						Fimbristylis autumnalis	X				X
*Eriocaulon decangulare						Emilia fosbergii			X		
Eupatorium capillifolium		X	X	X							
*Fuirena											
Fuirena scirpoidea											

interstincta m7

Site:					Date:						
SPECIES (M-P)	1	4	7	10	Collected? (✓)	SPECIES (R-Z)	1	4	7	10	Collected? (✓)
Magnolia virginiana	X	X		X		*Rhexia					
Mayaca fluviatilis	X	X		X		*Rhynchospora corniculata					
Melaleuca quinquenervia	X					*Rhynchospora inundata					
Micranthemum glomeratum						Rhynchospora tracyi					
Micranthemum umbrosum						Ricciocarpus natans					
Mikania scandens	X	X	X			Sabal palmetto	X			X	
Mimosa pigra						Sacciolepis striata			X	X	
Myrica cerifera	X	X		X		*Sagittaria filiformis					
Myriophyllum aquaticum						*Sagittaria graminea					
*Myriophyllum heterophyllum						*Sagittaria isoetiformis					
*Myriophyllum laxum						Sagittaria lancifolia	X	X	X	X	
*Myriophyllum pinnatum						Sagittaria latifolia					
Myriophyllum spicatum						Salix caroliniana	X	X		X	
*Najas filifolia						Salvinia minima	X	X			
*Najas guadalupensis	X			X		Sambucus canadensis					
*Najas minor						Sapium sebiferum	X	X			
Nelumbo lutea						Saururus cernuus					
Nitella spp.			X			Schinus terebinthifolius	X	X		X	
Nuphar sp.		X				*Schoenoplectus californicus (Cali bulrush)	X			X	
Nymphaea odorata			X			*Schoenoplectus pungens (three square)			X	X	
Nymphoides aquatica						*Schoenoplectus tabernaemontani (softstem)			X	X	
Nyssa sylvatica var. biflora		X				Scirpus cubensis (Oxycaryon cubense)	X	X		X	
Orontium aquaticum						Scirpus cyperinus					
Osmunda cinnamomea						*Sesbania					
Osmunda regalis						Solidago sp.					
Panicum hemitomon	X	X	X	X		Sparganium americanum					
Panicum repens	X	X	X	X		Spartina bakeri					
Paspalidium geminatum				X		Sphagneticola trilobata (Wedelia)					
*Paspalum repens						Spirodela polyrhiza	X	X	X	X	
Paspalum urvillei				X		Taxodium sp.	X	X	X	X	
Peltandra sp.						Thalia geniculata					
Persea sp.						Thelypteris palustris					
Pennisetum purpureum						Triadenum virginicum					
Phragmites australis						Typha sp.	X	X	X	X	
Pinus elliotii	X	X				Urochloa mutica (Brachiaria mutica)					
Pistia stratioides						*Utricularia gibba (U. biflora)	X	X			
Pluchea sp.			X			*Utricularia floridana					
*Polygonum glabrum (densiflorum)	X		X	X		*Utricularia foliosa					
*Polygonum hydropiperoides						*Utricularia inflata					
*Polygonum punctatum						*Utricularia purpurea					
*Polygonum sp.						*Utricularia cornuta					
Pontederia cordata	X	X	X			*Utricularia radiata					
*Potamogeton diversifolius						Vallisneria americana	X	X	X	X	
*Potamogeton illinoensis			X			*Websteria confervoides					
*Potamogeton pusillus						Wolffiella spp.					
*Potamogeton pectinatus						Woodwardia virginica					
Proserpinaca pectinata						Xyris sp.					
						Zizania aquatica					
						Zizaniopsis milacea					
						quercus virg.	X				

#1 → Vallisneria spiralis + typha

#4 → Val + typha

codom. #7 → Val + typha codom

#10 → Val dom

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Reference Lake

last revised Jan 25, 2018

Customer: SW-DIST

Requester: Judy Ashton

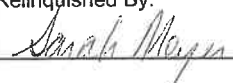
Field Report Prepared By: S Meyer

Project ID: LAKESREF

Collected By: H Sprinkle & F Faria

Sampling Agency: FDEP SW ROC

Location		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 06/17/2019 Time 12:15		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Field ID		Field ID/WIN: 		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.78		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L) _____	
WIN/S		280423814307		Temp (C) 28.9		pH 7.67		Sample Depth 0.3		☐ ft ☒ m	
Latitude		Site Name: Lake Rochelle_Ref Lake		☐ dd ☐ dms		Salinity (ppt) 0.11		Comments		Sp. Conductance (umho/cm) 226.8	
Location		☐ 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	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	
Location		☐ 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	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	
Location		☐ 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	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	
Location		☐ 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	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)		Comments	

Relinquished By: 	Date/Time: 06/17/2019 17:00	Shipping Method: FedEx	Number of Coolers Shipped: 1	Received By:	Date/Time:
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Ref: Date: 14Mar19 SHIPPING: 0.00
 Dep: Wgt: 15.00 LBS SPECIAL: 0.00
 DV: 0.00 HANDLING: 0.00
 TOTAL: 0.00

SVCS: PRIORITY OVERNIGHT Master 4751 8777 7140
 TRACK: 4751 8777 7276

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

H2SO4
LOT# SA8344070
EXP: 12/10/2019