



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?
Yes / No

WIN Station Name:

Tumblin creek above SW 14th ave

Date: 6/26/2018

WIN/ Field ID:

G1NE0894

WBID:

2718A

Latitude:

29.63761 29.0415

County:

Alachua

ORG ID:

21FLA

Longitude:

-82.3334

Receiving Body of Water:

Biven lake

RQ-2018-

06-25-22

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
J. Tamah					X	X	X	X	X
B. Davis						X	X		

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with V.I.T.		
Equipment ID 067644		

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
Meter ID# YSI 71 Matrix: Fresh / Marine / DI
Tides: Rising/ Falling/ Slack/ NA Tide Times: High / Low

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	1140	0.3	0.15	0.35	7.7	95	7.48	0.19	403	26.1
CEN										

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:
SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: 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	7741020	12/7/18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	R7HA24535		
Chlorophyll	☒ CHL-SUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / 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-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Notes:
Field ID: G1NE0856
Win-ID: G1NE0856
Tumblin cr. above SW 14th ave.
Date: 6/26/18

Signature: [Signature]
Enter Field Parameters, Verify Station ID in LIMS DMT: JP 6/26/18 QC Station ID, Field Parameters in LIMS DMT: BD 7/9/18
Scan/Save Field Sheets BD 7/9/18 Migrate Data to WIN: [Signature] Verify Data in WIN: [Signature]

DEP Form FD 9000-5 Stream/River Habitat Assessment Field Sheet

78508

SAMPLING AGENCY: NE ROC		STORET STATION NUMBER: 61NE0894	DATE (MM/DD/YY): 6/26/18	RECEIVING BODY OF WATER:
REMARKS:	COUNTY: Alachua	LOCATION: Tumbling shore	FIELD ID/NAME:	

Habitat Parameter	Optimal	Suboptimal	Marginal	Poor
Primary Habitat Components Substrate Diversity <u>11</u>	Four or more major productive habitats present [snags, tree roots, aquatic vegetation, leaf packs (partially decayed), rock] 20 19 18 17 16	Three major productive habitats present. Adequate habitat. Some substrates may be new fall (fresh leaves or snags) 15 14 13 12 <u>11</u>	Two major productive habitats present. Less than desirable habitat, frequently disturbed or removed 10 9 8 7 6	One or less major productive habitat. Lack of habitat is obvious, substrates unstable or smothered 5 4 3 2 1
Substrate Availability <u>9</u>	Greater than 30% major productive habitat present at site 20 19 18 17 16	16% to 30% major productive habitat, by aerial extent 15 14 13 12 11	6% to 15% major productive habitat 10 <u>9</u> 8 7 6	Less than 5% major productive habitat 5 4 3 2 1
Water Velocity <u>12</u>	Max. observed at typical transect: > 0.25 m/sec. But < 1 m/sec ≥0.33 0.31 0.29 0.27 >0.25 20 19 18 17 16	Max. observed at typical transect: >0.1 to 0.25 m/sec 0.25 0.21 0.17 0.13 >0.1 15 14 13 <u>12</u> 11	Max. observed at typical transect: 0.05 to 0.1 m/sec 0.1 0.09 0.07 0.06 0.05 10 9 8 7 6	Max. observed at typical transect: <0.05 m/sec; or spate occurring: > 1 m/sec <0.05 0.04 0.03 0.01 <0.01 5 4 3 2 1
Habitat Smothering <u>11</u> Primary Score <u>43</u>	Adequate number of stable pools (1-2 per 12 times width) and <25% of habitats affected by sand, silt, or algae. 20 19 18 17 16	Adequate number of stable pools (1-2 per 12 times width) and >25% of habitats affected by sand, silt, or algae. 15 14 13 <u>12</u> 11	Does not have required number of stable pools (1-2 per 12 x width) and/or has shallow pools (<2 x prevailing depth). 10 9 8 7 6	Stable pools are absent. Most habitats affected by sand, silt, or algae accumulation. 5 4 3 2 1
Secondary Habitat Components Artificial Channelization <u>13</u>	Expected sinuosity given the stream width. No evidence of dredging or artificial straightening. No spoil banks. 20 19 18 17 16	Good sinuosity within old channelized area. Evidence of dredging in the past (>25 yrs) but mostly recovered. 15 <u>14</u> <u>13</u> 12 11	Straightened with trapezoidal cross section, but has a small degree of sinuosity developed within channelized area. 10 9 8 7 6	Straightened or engineered by dredging, has trapezoidal or box cut cross section, lacks required pools. May have spoil banks. 5 4 3 2 1
Bank Stability Right Bank <u>4</u> Left Bank <u>4</u>	Bankfull > 60% of bank height. Slope of bank ≤ 60° from bankfull to top of bank. Bankfull is within or above the root zone with few raw, eroded areas. 10 9	Only meets 2 of the 3 requirements for optimal bank stability. 8 7 6	Only meets 1 of the 3 requirements for optimal bank stability. 5 <u>4</u>	Bankfull < 60% of bank height. Slope of bank > 60°. Bankfull is below the root zone with raw, eroded areas. 3 2 1
Riparian Buffer Zone Width Right Bank <u>6</u> Left Bank <u>6</u>	Width of vegetation greater than 18 m 10 9	Width of vegetation >12 to 18m 8 7 <u>6</u>	Width of vegetation 6 to 12 m. human activities close to system 5 4	Less than 6 m of buffer zone due to intensive human activities 3 2 1
Riparian Zone Vegetation Quality Right Bank <u>6</u> Left Bank <u>7</u> Secondary Score <u>4547</u>	Over 80% of riparian surfaces consist of normal, expected plant community for given sunlight & habitat conditions (e.g., native plants; tree, shrub, and forbs represented, if appropriate). Minimal disturbance. 10 9	>50% to 80% of riparian zone is undisturbed (normal, expected plant community for given sunlight & habitat conditions). Some disruption in community observed. 8 <u>7</u> <u>6</u>	25% to 50% of riparian zone is undisturbed (normal, expected plant community for given sunlight & habitat conditions). Disruption obvious. 5 4	Less than 25% of riparian zone is undisturbed (normal, expected plant community for given sunlight & habitat conditions). 3 2 1

8890 TOTAL SCORE

Date: <u>6/26/18</u>	Analyst: <u>H. Lane</u>	Signature: <u>Jeremy Carroll</u>
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[illegible]

100 m:	Latitude _____	Longitude _____
0 m:	Latitude _____	Longitude _____
Substrates: Code key, draw proportionate habitat abundance. %		
/	Snags	2%
X	Roots/undercut banks	14%
ooo	Leaf Packs (or mats)	41
	Aquatic Macrophytes	_____
□□	Rock	9%
	_____	_____
	_____	_____
	total # observed = _____	
	# range expected = _____	
Average width _____ m		
Average depth _____ m		
Velocity measured at _____ meter mark.		
WQ & chemistry taken at _____ meter mark.		
Habitat Smothering: Note areas (on map) where sand or silt is smothering substrates, limiting habitability.		
Bank Stability: Note areas (on map) with unstable, eroding banks.		
Riparian Buffer Width: Note areas (on map) where natural vegetation is altered or eliminated.		

Root = 2m
Rock 31-4+10+6 = 23
Slog =
leaf 2.5 wide
1m

DEP Form FD 9000-3 Physical/Chemical Characterization Field Sheet

78508

SAMPLE ID _____ ORG ID _____ LATITUDE _____
 COUNTY _____ STORET # 61NE0894 LONGITUDE _____
 DATE 6/26/18 TIME 1140 SAMPLING AGENCY FD & NE
 SITE NAME Tumbling @ SW 9th Ave
 FIELD ID/NAME _____ RECEIVING BODY OF WATER _____

RIPARIAN ZONE / STREAM FEATURES

Meter ID: _____

PREDOMINANT LAND-USE IN WATERSHED (specify relative percent in each category): Forest/Natural ☐ Silviculture ☐ Field/Pasture ☐ Agricultural ☐ Residential ☐ Commercial ☐ Industry ☐ Other (Specify) ☐							Landscape Development Intensity Index (LDI) ☐
Local Watershed Erosion (select one): ☐ None ☐ Slight ☐ Moderate ☒ Heavy Local Watershed NPS Pollution: ☐ No evidence ☐ Slight ☐ Moderate ☒ Heavy							Typical Width (m) Depth (m)/Velocity (m/sec) Transect 2.5 m wide 0.13 m/s 0.3 m deep
Width of Riparian Vegetation (m) on Each Buffer Side Left Bank: <u>12</u> Right Bank: <u>12</u>				Hydrologic Modification Score (per FT 3101) ☐			
High Water Mark: <u>2</u> + <u>0.3</u> = <u>2.3</u> (m) (above present water level) (present depth) (above bed)				Artificially Impounded ☐ Yes ☐ No			
Artificially ☐ No ☒ Mostly recovered, more sinuous Channelized: ☐ Some recovery ☐ Recent, severe				Canopy Cover % ☐ Open ☐ Lightly Shaded (11-45%) ☒ Heavily Shaded ☐ Moderate Shaded (46-80%)			

SEDIMENT / SUBSTRATE

Sediment Oils ☐ Absent ☒ Slight ☐ Moderate ☐ Profuse		Sediment Odors ☒ Normal ☐ Sewage ☐ Petroleum ☐ Chemical ☐ Anaerobic ☐ Other (Specify): _____		Smothering of Substrates Sand Smothering: None ☐ Slight ☐ Moderate ☒ Severe ☐ Silt Smothering: None ☐ Slight ☐ Moderate ☒ Severe ☐ Algae Smothering: None ☒ Slight ☐ Moderate ☐ Severe ☐																																									
SUBSTRATE TYPE Assessment Tool: ☐ SCI ☐ RPS ☐ LVS ☐ LCI ☐ BioRecon			WATER QUALITY																																										
<table border="1"> <thead> <tr> <th></th> <th>% Coverage</th> <th>INVERT # Times Sampled</th> <th>PERI # Times Sampled</th> </tr> </thead> <tbody> <tr> <td>Woody Debris (Snags)</td> <td><u>1</u></td> <td><u>5</u></td> <td></td> </tr> <tr> <td>Undercut Banks / Roots</td> <td><u>1</u></td> <td><u>5</u></td> <td></td> </tr> <tr> <td>Leaf Packs or Mat</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Aquatic Vegetation</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Rock or Shell Rubble</td> <td><u>9</u></td> <td><u>5</u></td> <td></td> </tr> <tr> <td>Sand</td> <td><u>40</u></td> <td><u>1</u></td> <td></td> </tr> <tr> <td>Mud / Muck / Silt</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Other <u>Concrete</u></td> <td><u>21</u></td> <td><u>1</u></td> <td></td> </tr> <tr> <td>Other <u>leach</u></td> <td><u>21</u></td> <td><u>2</u></td> <td></td> </tr> </tbody> </table>				% Coverage	INVERT # Times Sampled	PERI # Times Sampled	Woody Debris (Snags)	<u>1</u>	<u>5</u>		Undercut Banks / Roots	<u>1</u>	<u>5</u>		Leaf Packs or Mat				Aquatic Vegetation				Rock or Shell Rubble	<u>9</u>	<u>5</u>		Sand	<u>40</u>	<u>1</u>		Mud / Muck / Silt				Other <u>Concrete</u>	<u>21</u>	<u>1</u>		Other <u>leach</u>	<u>21</u>	<u>2</u>		Depth (M) Temp. (°C) pH (SU) D.O. (MG/L) D.O. Sat (%) Cond. (UMHO/CM) Salinity (PPT) SECCHI (M) Top: _____ Mid: <u>0.15</u> <u>26.1</u> <u>7.48</u> <u>7.7</u> <u>95</u> <u>403</u> <u>0.19</u> <u>0.55</u> Bottom: <u>0.3</u> _____ System Type: Stream ☒ Lake ☐ Wetland ☐ Estuary ☐ Other (Specify) _____		
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Water Odors Normal ☒ Petroleum ☐ Sewage ☐ Chemical ☐ Other ☐			Water Surface Oils Normal ☒ Sheen ☐ Globbs ☐ Slick ☐ Other ☐																																										
Water Sample Taken? ☒ Yes ☐ No Sample Preserved? ☐ Yes ☐ No Lot Number: _____ Exp: _____			Color Tannic ☐ Green (Algae) ☐ Clear ☒ Other (Specify) _____																																										
Algae Sample Taken? ☐ Yes ☒ No Sample Preserved? ☐ Yes ☐ No Lot Number: _____ Exp: _____			Clarity Clear ☐ Slightly Turbid ☒ Turbid ☐ Opaque ☐																																										

ABUNDANCE	Not Obs.	Rare	Common	Abundant
Periphyton:	☒	☐	☐	☐
Fish:	☐	☐	☒	☐
Aquatic Plants:	☐	☒	☐	☐
Iron/Sulfur Bacteria:	☐	☒	☐	☐

AMBIENT FIELD CONDITIONS / NOTES:

Storm water
 Hydrologic Disturbance Scoring ☐ 1-2 ☐ 3-4 ☐ 5-6 ☒ 7-8 ☐ 9-10
☒ The antecedent hydrologic conditions have been met to my best knowledge.

SAMPLING TEAM

SIGNATURE

Jeremy Carr / B Carr

Jeremy Carr 6/26/18

AK

DEP FORM FD 9000-25 Rapid Periphyton Survey Field Sheet

Site: Tumbling @ SW 9th County: Alameda Date: 5/26/18 Investigators: TS Park

Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover	Transect (m)	Point 1=right 9=left	Algal Thickness Rank (N-6, X)	Estimated	Canopy Cover	
0	1	N			60	1	IV			
	2					2				
	3					3				
	4					4				
	5			96		5			96	
	6					6				
	7					7				
	8					8				
	9					9				
10	1	N			70	1	N			
	2					2				
	3					3				
	4					4				
	5			96		5			96	
	6					6				
	7					7				
	8					8				
	9					9				
20	1	IV			80	1	IV			
	2					2	3			
	3					3	IV			
	4					4				
	5			96		5			96	
	6					6				
	7					7				
	8					8				
	9					9				
30	1	IV			90	1	IV			
	2					2				
	3					3				
	4					4				
	5			96		5			96	
	6					6				
	7					7				
	8					8				
	9					9				
40	1	N			100	1	N			
	2					2				
	3					3				
	4					4				
	5			96		5			96	
	6					6				
	7					7				
	8					8				
	9					9				
50	1	N			Record "N" and check "Estimated" for points deeper than the Secchi depth; algae are presumed absent. Check "Estimated" if thickness estimated for deep points which can be seen but not reached.					
	2				Record "X" for points shallower than Secchi depth for which substrate cannot be seen or reached with the hand. No estimated rank.					
	3				Record canopy cover as the number of small densiometer quadrants (out of 96) that HAVE canopy cover. Measure facing upstream at point 4, 5, or 6.					
	4				Collect algal mat sample following DEP SOP FS 7240 if the percentage of total sampled points with a thickness rank of 4, 5, or 6 is >20%.					
	5			74						
	6									
	7									
	8									
	9									

STORET Station Number:

Secchi depth
Estimated?

points ranked 4-6
total points assessed
% points ranked 4-6

Check accompanying data collected at same site/date
Algal mat sample
Linear Veg Survey
Habitat Assessment
SCI/Biorecon
Water sample
RQ-

Algal Thickness Rank

N	rough, no algae, slimy, algae up to 1mm
3	>1mm - 6mm
4	>6mm - 20mm
5	>20mm - 10 cm
6	>10 cm

DEP FORM FD 9000-32: LINEAR VEGETATION SURVEY FIELD SHEET

Waterbody: <u>Tumbling SW 9th</u>	Date: <u>6/26/18</u>	County: <u>Alachua CO.</u>	Store Number: <u>61060894</u>
Analyst: <u>J. Paul</u>	Signature: <u>Jeremy Canipe</u>		
Comments:			

Instructions: Note taxa growing in the water with a checkmark if present, "D" if dominant, and "C" if codominant (dominance only if 1 m² of taxa present). Note in the boxes below if no dominant are selected, and note total macrophyte abundance rank for each section. Only the most common taxa are listed, so use blank spaces for additional taxa names.

[illegible]



✓	Altamonte Springs: 380 Northlake Blvd., Suite 104B • Altamonte Springs, FL 32701 • 407.937.1594 • Fax 407.937.1597
	Gainesville: 4665 SW 41st. Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639
	Jacksonville: 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
	Miramar: 10200 USA Today Way • Miramar, FL 33025 • 954.888.2288 • Fax 954.689.2281
	Tallahassee: 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275
	Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.650.0616 • Fax 813.650.1927

[illegible]

21030089

Field ID

21030089DUP

Total Depth (m): _____

Place Preservative Sticker(s) Here
(If Available)

Time Zone: ☒ EST CEN Time: 1153 Field ID: Turnblin 109TH
DI Source: NE ROC LAB Location: _____
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank Equipment ID: ORTHO #

[illegible]

Field ID:

BLANK062618

Field Blank

Date:

{Initials/Date}

(Initials/Date)

(Initials/Date)

(Initials/Date)

Gville

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

Terence

Project ID: SMP

Collected By:

Sampling Agency:

FD-204

[illegible]

Group: A	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: A	Bottle Type: NED-AEG-EC	P-120ML-WC-THI	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 to AEL
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4		Enter Number of Bottles Sent to Lab	2
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: NED-AEG-EC	P-120ML-WC-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2 to AEL guide
Group: B	Bottle Type: PCR-FILTER	QPCR-P-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
Group: C	Bottle Type: MI-FW-QLDC	PJ-2L	# of Bottles: 2	Preservative:	Formalin	Enter Number of Bottles Sent to Lab	2

Cooler Packing Worksheet for Request: RQ-2018-06-25-22

Gville

Ship Cooler On: 6/11/2018
Customer/Project: NE-DIST/SMPAssigned To: REAVES_S
Requester: Jeremy M. Parrish
Priority: 3904-256-1700
8800 Baymeadows Way West
Jacksonville, FL 32256-7577
Attn: Jeremy ParrishPlease return
packing list with
sample submittal
forms.

Comments:

1 - case of sulfuric acid
1 - case of nitric acid
2 - sets of sulfuric acid labels
2 - sets of nitric acid labels

Requested Analyses:

Bottle Group: A

of Sites: 1

3

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot #

00071006

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot #

1003623

Description: Brown Plastic Bottle 1L

Analysis

CHL-SUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID	Qty	Preservation	Lot #	Description	Analysis
Container ID: P-120ML-WC-THI	Qty: 1	Preservation: ICE	Lot # 6402	Description: 120 ml Sterilized White Cap with tablet	Analysis: NED-AEG-EC
Container ID: P-500ML	Qty: 1	Preservation: ICE And H2SO4	Lot # 00070684	Description: Plastic Bottle 500 mL	Analysis: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC
Container ID: P-125ML	Qty: 1	Preservation: FILTER-ICE	Lot # 00070886	Description: Plastic Bottle 125 mL	Analysis: Ammonia in aqueous matrices as mg N/L Nitrite/Nitrate in aqueous matrices as mg N/L Total Phosphorus in aqueous matrices as mg P/L Total Kjeldahl Nitrogen in aqueous matrices Nonpurgeable Organic Carbon in aqueous matrices
Container ID: P-120ML-WC-THI	Qty: 4	Preservation: ICE	Lot # 6402	Description: 120 ml Sterilized White Cap with tablet	Analysis: W-PO4-F
Container ID: P-120ML-WC-THI	Qty: 4	Preservation: ICE	Lot # 6402	Description: 120 ml Sterilized White Cap with tablet	Analysis: NED-AEG-EC
Container ID: QPCR-P-500ML	Qty: 4	Preservation: ICE	Lot # 00070587	Description: 500ml Sterile Nalgene	Analysis: Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Laboratory-Gainesville
Container ID: QPCR-P-500ML	Qty: 4	Preservation: ICE	Lot # 00070587	Description: 500ml Sterile Nalgene	Analysis: Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Laboratory-Gainesville