



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

April 2018

Data Qualified?

Yes / No

WIN Station Name: East River Downstream of Boggy Bayou

Date: 6/20/2018

(mm/dd/yyyy)

WIN/ Field ID: G1WA0056

WBID: 1089

Latitude: 30.0972

County: Wakulla

ORG ID: 21FLWQA

Longitude: -84.1752

(Decimal Degrees)

Receiving Body of Water: Gulf of Mexico

RQ-2018- 06-18-25

(Decimal Degrees)

| Sampling Team Members                                                         |                                                                                                                                                                                                                                                                                     |                 |                  |                 | WQ Measurements                                  | Sample Collection                                                                 | Documentation | Preservation   | Preservation Check                     | Sampling Equipment                                                                          |                                             |                               |  |  |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|-----------------|--------------------------------------------------|-----------------------------------------------------------------------------------|---------------|----------------|----------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------------|--|--|
| Ben Ralys                                                                     |                                                                                                                                                                                                                                                                                     |                 |                  |                 |                                                  | X                                                                                 | X             | X              | X                                      | <input checked="" type="checkbox"/> Sample Container                                        | <input type="checkbox"/> Van Dorn           | <input type="checkbox"/> Pole |  |  |
| <del>Ray Stuart</del>                                                         |                                                                                                                                                                                                                                                                                     |                 |                  |                 |                                                  |                                                                                   |               |                |                                        | <input type="checkbox"/> Carboy                                                             | <input checked="" type="checkbox"/> Syringe |                               |  |  |
| Kristen Sapp                                                                  |                                                                                                                                                                                                                                                                                     |                 |                  |                 | X                                                | X                                                                                 |               |                |                                        | <input type="checkbox"/> Dipper                                                             | <input type="checkbox"/> Other              |                               |  |  |
|                                                                               |                                                                                                                                                                                                                                                                                     |                 |                  |                 |                                                  |                                                                                   |               |                |                                        | Depth Measured with <u>Secchi Disk</u>                                                      |                                             |                               |  |  |
|                                                                               |                                                                                                                                                                                                                                                                                     |                 |                  |                 |                                                  |                                                                                   |               |                |                                        | Equipment ID                                                                                |                                             |                               |  |  |
|                                                                               |                                                                                                                                                                                                                                                                                     |                 |                  |                 |                                                  |                                                                                   |               |                |                                        | Collection Method                                                                           |                                             |                               |  |  |
| Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded                |                                                                                                                                                                                                                                                                                     |                 |                  |                 | Meter ID# Biology #2                             |                                                                                   |               |                |                                        | Matrix: Fresh / <u>(Marine)</u> / DI                                                        |                                             |                               |  |  |
| Photos: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>   |                                                                                                                                                                                                                                                                                     |                 |                  |                 | Flow: No Flow / Intestinal / Flowing / <u>NA</u> |                                                                                   |               |                |                                        | Tide: Rising <input checked="" type="checkbox"/> Falling <input type="checkbox"/> Slack/ NA |                                             |                               |  |  |
| Tide Times: High <u>8:44 AM</u> Low <u>2:42 PM</u>                            |                                                                                                                                                                                                                                                                                     |                 |                  |                 |                                                  |                                                                                   |               |                |                                        |                                                                                             |                                             |                               |  |  |
| 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                                                                           | 12:00 pm                                                                                                                                                                                                                                                                            | 2.2 m           | 0.3              | 1m              | 6.40                                             | 92.5                                                                              | 7.65          | 14.31          | 23797                                  | 30.57                                                                                       |                                             |                               |  |  |
| CEN                                                                           | 12:03 pm                                                                                                                                                                                                                                                                            |                 | 1.7              | Bottom          | 6.17                                             | 88.4                                                                              | 7.66          | 15.18          | 25160                                  | 29.86                                                                                       |                                             |                               |  |  |
| Biological Samples Collected: <u>None</u> HA SCI RPS Algae ID LVS LVI Other:  |                                                                                                                                                                                                                                                                                     |                 |                  |                 |                                                  |                                                                                   |               |                |                                        |                                                                                             |                                             |                               |  |  |
| SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#: <u>2002311</u> |                                                                                                                                                                                                                                                                                     |                 |                  |                 |                                                  |                                                                                   |               |                |                                        |                                                                                             |                                             |                               |  |  |
| Parameter Suite                                                               | Parameter Methods                                                                                                                                                                                                                                                                   |                 |                  |                 |                                                  | Preservation                                                                      | Lot#          | Expiration     | pH Check                               |                                                                                             |                                             |                               |  |  |
| Preserved Nutrients                                                           | <input checked="" type="checkbox"/> W-NH3 / <input checked="" type="checkbox"/> W-NO2NO3 / <input checked="" type="checkbox"/> W-TKN / <input checked="" type="checkbox"/> W-TOC / <input checked="" type="checkbox"/> W-S-A-TP                                                     |                 |                  |                 |                                                  | <input checked="" type="checkbox"/> Ice <input checked="" type="checkbox"/> H2SO4 | SA8085170     | 3-26-19        | <input checked="" type="checkbox"/> <2 |                                                                                             |                                             |                               |  |  |
| Metals                                                                        | <input type="checkbox"/> W-ICPMS <input type="checkbox"/> W-ICP                                                                                                                                                                                                                     |                 |                  |                 |                                                  | <input type="checkbox"/> Ice <input type="checkbox"/> HNO3                        |               |                | <input type="checkbox"/> <2            |                                                                                             |                                             |                               |  |  |
| Filtered Nutrients                                                            | <input checked="" type="checkbox"/> W-PO4-F <input checked="" type="checkbox"/> Field Filtered 0.45 µm Filter                                                                                                                                                                       |                 |                  |                 |                                                  | <input checked="" type="checkbox"/> Ice                                           | 10827054      |                |                                        |                                                                                             |                                             |                               |  |  |
| Chlorophyll                                                                   | <input checked="" type="checkbox"/> CHLSUITE-W                                                                                                                                                                                                                                      |                 |                  |                 |                                                  | <input checked="" type="checkbox"/> Ice                                           |               |                |                                        |                                                                                             |                                             |                               |  |  |
| Physical/Aggregate (Fresh)                                                    | <input type="checkbox"/> Alkalinity / <input type="checkbox"/> W-F / <input type="checkbox"/> W-TSS / <input type="checkbox"/> TURBIDITY / <input type="checkbox"/> W-CL-IC / <input type="checkbox"/> W-COLOR / <input type="checkbox"/> W-SO4-IC / <input type="checkbox"/> W-TDS |                 |                  |                 |                                                  | <input type="checkbox"/> Ice                                                      |               |                |                                        |                                                                                             |                                             |                               |  |  |
| Physical/Aggregate (Marine)                                                   | <input checked="" type="checkbox"/> Alkalinity / <input type="checkbox"/> W-F / <input type="checkbox"/> W-TSS / <input type="checkbox"/> TURBIDITY                                                                                                                                 |                 |                  |                 |                                                  | <input checked="" type="checkbox"/> Ice                                           |               |                |                                        |                                                                                             |                                             |                               |  |  |
| Macroinvertebrates                                                            | <input type="checkbox"/> MI-FW-QLDC                                                                                                                                                                                                                                                 |                 |                  |                 |                                                  | <input type="checkbox"/> Formalin                                                 |               |                |                                        |                                                                                             |                                             |                               |  |  |
| Periphyton                                                                    | <input type="checkbox"/> ALGAE-ID                                                                                                                                                                                                                                                   |                 |                  |                 |                                                  | <input type="checkbox"/> Ice                                                      |               |                |                                        |                                                                                             |                                             |                               |  |  |
| Microbiology                                                                  | <input type="checkbox"/> E Coli <input checked="" type="checkbox"/> F Coli <input checked="" type="checkbox"/> Enterococci                                                                                                                                                          |                 |                  |                 |                                                  | <input checked="" type="checkbox"/> Ice                                           |               |                |                                        |                                                                                             |                                             |                               |  |  |
| Molecular                                                                     | <input type="checkbox"/> PCR-FILTER <input type="checkbox"/> PCR-HF183 <input type="checkbox"/> PCR-BacR <input type="checkbox"/> PCR-GULL2 <input type="checkbox"/> PCR-GFD                                                                                                        |                 |                  |                 |                                                  | <input type="checkbox"/> Ice                                                      |               |                |                                        |                                                                                             |                                             |                               |  |  |
| Tracers                                                                       | <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-E8321-MS                                                                                                                                                                                                             |                 |                  |                 |                                                  | <input type="checkbox"/> Ice                                                      |               |                |                                        |                                                                                             |                                             |                               |  |  |
| Pesticides                                                                    | <input type="checkbox"/> W-PSNP-TQ <input type="checkbox"/> W-CT-CL-R <input type="checkbox"/> W-E8321-DI <input type="checkbox"/> W-PCL-SQ-R <input type="checkbox"/> WE8321-MS <input type="checkbox"/> W-CARB-AA                                                                 |                 |                  |                 |                                                  | <input type="checkbox"/> Ice <input type="checkbox"/> Other                       |               |                |                                        |                                                                                             |                                             |                               |  |  |

## Notes:

Kit-B, C2 Bacteria

East River  
Downstream  
of Boggy Bayou

WIN-ID ↓ Field ID



G1WA0056

Signature:

Date:

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

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

Boldly "X" this box if there is qualified data on this name.

Meter ID: Biology #2

RQ: 2018-06-18-25

Project: SMP

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.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site \_\_\_\_\_

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification \_\_\_\_\_

| DO DEP SOP FT 1500 | Name      | Date    | Time CT-ET | Temp  | D.O. Chart mg/L | Meter D.O. mg/L | % DO  | Probe Charge | Probe Gain | Pass / Fail | Lab / Field |
|--------------------|-----------|---------|------------|-------|-----------------|-----------------|-------|--------------|------------|-------------|-------------|
| Calibr.            | Ben Ralys | 6/20/18 | 7:04       | 20.93 | 8.93            | 8.93            | 100.0 | Ben          | —          | (P) F       | (L) F       |
| ICV                | Ben Ralys | 6/20/18 | 7:06       | 20.95 | 8.93            | 8.92            | 99.9  | 60.4         | —          | (P) F       | (L) F       |
| CCV                | Ben Ralys | 6/20/18 | 2:23       | 25.1  | 8.25            | 8.34            | 101.0 | 64.5         | —          | (P) F       | (L) F       |
| CCV                |           |         |            |       |                 |                 |       |              |            | P / F       | L / F       |

DO Acceptance criteria from Table  $\pm 0.3$  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; 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 $\mu$ hos/cm | Meter Reading $\mu$ hos/cm | Pass / Fail | Lab / Field |
|---------------------|-----------|---------|------------|---------|-------------|-----------------------|----------------------------|-------------|-------------|
| Calibr.             | Ben Ralys | 6/20/18 | 7:07       | 171005D | 10/2018     | 1,000                 | 1,000                      | (P) F       | (L) F       |
| ICV                 | Ben Ralys | 6/20/18 | 7:09       | 171005D | 10/2018     | 1,000                 | 1,000                      | (P) F       | (L) F       |
| CCV                 | Ben Ralys | 6/20/18 | 2:27       | 170630C | 7/2018      | 50,000                | 49,500                     | (P) F       | (L) F       |
| CCV                 |           |         |            |         |             |                       |                            | 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 | Meter reading SU | mV     | Pass / Fail | Lab / Field |
|--------------------|-----------|---------|------------|---------|-------------|--------------|------------------|--------|-------------|-------------|
| Calibr.            | Ben Ralys | 6/20/18 | 7:00       | 180326D | 10/2019     | 7.0          | 7.00             | 19.0   | (P) F       | (L) F       |
| Calibr.            | Ben Ralys | 6/20/18 | 7:12       | 180326C | 4/2019      | 4.0          | 4.00             | 192.9  | (P) F       | (L) F       |
| Calibr.            | Ben Ralys | 6/20/18 | 7:13       | 171005C | 4/2019      | 10.0         | 10.0             | -142.2 | (P) F       | (L) F       |
| ICV                | Ben Ralys | 6/20/18 | 7:13       | 171005C | 4/2019      | 10.0         | 9.98             | -141.2 | (P) F       | (L) F       |
| CCV                | Ben Ralys | 6/20/18 | 2:30       | 180326C | 4/2019      | 4.00         | 4.00             | 205.3  | (P) F       | (L) F       |
| CCV                |           |         |            |         |             |              |                  |        | P / F       | L / F       |

pH Acceptance criteria  $\pm 0.2$  SU; mV pH 7 Range  $0 \pm 50$ ;

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

mV pH 10 Range  $-180 \pm 50$ ;

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

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth 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                   |      |      |            |                                           |                  | P / F       | L / F       |

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

COMMENTS:

**Florida Department of Environmental Protection**  
**Central Laboratory Submittal Form**

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: Ben Ralys, Ray Stuart

Project ID: SMP

Collected By: Ben Ralys, Ray Stuart

Sampling Agency: FDEP

|              |  |                           |  |                                      |  |                                                 |  |                           |  |
|--------------|--|---------------------------|--|--------------------------------------|--|-------------------------------------------------|--|---------------------------|--|
| Location     |  | WIN-ID ↓ Field ID         |  | Collection (comp begin or grab)      |  | Composite end                                   |  | Bottle Group(s)           |  |
| Field ID     |  | Dickson Bay               |  | Date 4/20/18                         |  | Date 9:00                                       |  | (See pg 2)                |  |
| WIN/STORET # |  | North                     |  | Matrix (type, e.g., Salt Fresh, etc) |  | Diss. Oxygen                                    |  | Total Res. Chlorine       |  |
|              |  | G1WA00062                 |  | Salt                                 |  | 88.4                                            |  | —                         |  |
| Latitude     |  | 29.98847                  |  | Temp (C)                             |  | pH                                              |  | Sample Depth              |  |
|              |  | -84.35098                 |  | 28.81                                |  | 2.0                                             |  | 0.4                       |  |
| Longitude    |  | dd dms                    |  | Salinity (ppt)                       |  | Comments                                        |  | Sp. Conductance (umho/cm) |  |
|              |  | dd dms                    |  | 30.55                                |  | No ortho P bottle.                              |  | 47157                     |  |
| Location     |  | WIN-ID ↓ Field ID         |  | Collection (comp begin or grab)      |  | Composite end                                   |  | Bottle Group(s)           |  |
| Field ID     |  | Dickson Bay               |  | Date 6/20/18                         |  | Date 9:30                                       |  | (See pg 2)                |  |
| WIN/STORET # |  | South                     |  | Matrix (type, e.g., Salt Fresh, etc) |  | Diss. Oxygen                                    |  | Total Res. Chlorine       |  |
|              |  | G1WA00063                 |  | Salt                                 |  | 90.0                                            |  | —                         |  |
| Latitude     |  | 29.98033                  |  | Temp (C)                             |  | pH                                              |  | Sample Depth              |  |
|              |  | -84.35245                 |  | 29.38                                |  | 7.92                                            |  | 0.5                       |  |
| Longitude    |  | dd dms                    |  | Salinity (ppt)                       |  | Comments                                        |  | Sp. Conductance (umho/cm) |  |
|              |  | dd dms                    |  | 29.76                                |  | Had to use 2 acid vials on nutrients. same lots |  | 46077                     |  |
| Location     |  | WIN-ID ↓ Field ID         |  | Collection (comp begin or grab)      |  | Composite end                                   |  | Bottle Group(s)           |  |
| Field ID     |  | East River                |  | Date 6/20/18                         |  | Date 12:00                                      |  | (See pg 2)                |  |
| WIN/STORET # |  | Downstream of Boggy Bayou |  | Matrix (type, e.g., Salt Fresh, etc) |  | Diss. Oxygen                                    |  | Total Res. Chlorine       |  |
|              |  | G1WA00056                 |  | Salt                                 |  | 92.5                                            |  | —                         |  |
| Latitude     |  | 30.0972                   |  | Temp (C)                             |  | pH                                              |  | Sample Depth              |  |
|              |  | -84.1752                  |  | 30.57                                |  | 7.65                                            |  | 0.3                       |  |
| Longitude    |  | dd dms                    |  | Salinity (ppt)                       |  | Comments                                        |  | Sp. Conductance (umho/cm) |  |
|              |  | dd dms                    |  | 14.31                                |  |                                                 |  | 23197                     |  |
| Location     |  | WIN-ID ↓ Field ID         |  | Collection (comp begin or grab)      |  | Composite end                                   |  | Bottle Group(s)           |  |
| Field ID     |  | St. Marks River           |  | Date 6/20/18                         |  | Date 11:15                                      |  | (See pg 2)                |  |
| WIN/STORET # |  | at Channel Marker 60      |  | Matrix (type, e.g., Salt Fresh, etc) |  | Diss. Oxygen                                    |  | Total Res. Chlorine       |  |
|              |  | G1WA00055                 |  | Salt                                 |  | 80.9                                            |  | —                         |  |
| Latitude     |  | 30.1447                   |  | Temp (C)                             |  | pH                                              |  | Sample Depth              |  |
|              |  | -84.2088                  |  | 25.35                                |  | 7.68                                            |  | 0.3                       |  |
| Longitude    |  | dd dms                    |  | Salinity (ppt)                       |  | Comments                                        |  | Sp. Conductance (umho/cm) |  |
|              |  | dd dms                    |  | 0.40                                 |  |                                                 |  | 935                       |  |

Relinquished By: Kristen Sapp

Shipping Method

Number of Coolers Shipped: 2

Received By: Ben Ralys

Date/Time

6-20-18 1:46pm

Date/Time

6-20-18 13:46

|                                                                                         |                                                                 |                |                 |               |               |                                     |   |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------|-----------------|---------------|---------------|-------------------------------------|---|
| Group: A                                                                                | Bottle Type:<br>ALKALINITY<br>TURBIDITY<br>W-F<br>W-TSS         | P-1L           | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 4 |
| Group: A                                                                                | Bottle Type:<br>CHLSUITE-W                                      | BP-1L          | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 4 |
| Group: A                                                                                | Bottle Type:<br>ECOLI-18QT                                      | P-250ML-WO-THI | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 4 |
| Group: A                                                                                | Bottle Type:<br>FCOLI-MF                                        | P-120ML-OC     | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 4 |
| Group: A                                                                                | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC | P-500ML        | # of Bottles: 4 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 4 |
| <p>lot #1: SA8085170<br/>Exp: 03-26-19</p> <p>Same lot<br/>expiration<br/>for all 4</p> |                                                                 |                |                 |               |               |                                     |   |
| Group: A                                                                                | Bottle Type:<br>W-PO4-F                                         | P-125ML        | # of Bottles: 4 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 3 |

Total bottles: 22

Cooler Packing Worksheet for Request: RQ-2018-06-18-25

Dickson Bay, St. Marks River, East River

Ship Cooler On: 6/14/2018

Customer/Project: WAS-SECT/SMP

Assigned To: SHAIK\_A

Requester: Curtis Musson

Priority: 3

850-245-8453  
2600 Blair Stone Rd

Tallahassee, FL 32399

Attn: Curtis Musson

Please return  
packing list with  
sample submittal  
forms.

Comments:

No preservatives needed.

Group A: Marine Kit, Fecal, ENTRO

Requested Analyses:

Bottle Group: A

# of Sites: 4

Container ID: P-1L

Qty: 4 Preservation: ICE

Lot # 55071006

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-F

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO<sub>3</sub>/L

Turbidity in aqueous matrices

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

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

Container ID: BP-1L

Qty: 4 Preservation: ICE

Lot # 1223623

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-250ML-WO-THI

Qty: 4 Preservation: ICE

Lot # 418006

Description:

Analysis

ECOLI-18QT

Description

Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Container ID: P-120ML-OC

Qty: 4 Preservation: ICE

Lot # SF21-TN

Description: Plastic Micro 120 ml Sterilized  
Orange Cap WO tablet

**Analysis**

FCOLI-MF

**Description**

Fecal coliforms by membrane filter method - non-chlorinated water systems

Container ID: P-500ML

Qty: 4 Preservation: ICE And H2SO4

Lot # 50070684

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

**Analysis**

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

**Description**

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-125ML

Qty: 4 Preservation: FILTER-ICE

Lot # 50070886

Description: Plastic Bottle 125 mL

**Analysis**

W-PO4-F

**Description**

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: ABJ

Number of Coolers: 2

Date: 6-11-18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☒ Acid Labels (sets of 24)

If Preservation Included:

|          |           |             |
|----------|-----------|-------------|
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |

**PLEASE RETURN ALL COOLERS FOR RQ-2018-06-18-25**