

Request Number: RQ- 2016-01-04-70

## Florida Department of Environmental Protection

TMDL test ver. MkIh

Page 1 of 2

WBID:

Customer: NW-DIST

Requester:

Michael King

Field Report Prepared By:

Rick Abad

last revised Dec. 8, 2014

Project ID: SMP

Collected By:

Rick Abad Nathan Mulkey

Sampling Agency:

FDEP NWROC

|          |                                                             |  |            |  |                                                                |  |                     |               |                      |         |                                            |
|----------|-------------------------------------------------------------|--|------------|--|----------------------------------------------------------------|--|---------------------|---------------|----------------------|---------|--------------------------------------------|
| Loca     | Location: Flat Creek                                        |  | G3NW0018   |  | <input type="checkbox"/> Comp. Collection (comp begin or grab) |  | Eastern             | Composite end |                      | Eastern | Bottle Group(s)<br>(See pg. 2 for groups.) |
| Field    | @ Johns Rd                                                  |  | Field ID ↑ |  | <input checked="" type="checkbox"/> Grab Date 1/5/16 Time 1035 |  | Central             | Date          |                      | Central |                                            |
| STOI     | RQ-2016-01-04-70                                            |  | STORET ↓   |  | Matrix (type, e.g. Salt, Fresh, etc)                           |  | Diss. Oxygen        |               | Res. Chlorine (mg/L) |         |                                            |
|          | Date: 01/05/16                                              |  | 32020256   |  | Fresh                                                          |  | 9.4                 |               |                      |         |                                            |
|          | Time: 1035 CST                                              |  |            |  | Temp (C.) 10                                                   |  | pH 6.6              |               | Sample Depth 0.3     |         | Sp. Conductance (umho/cm) 38               |
| Latitude | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Longitude  |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms    |  | Salinity (ppt) 0.02 |               | Comments             |         |                                            |

|            |                                                             |  |           |  |                                                                |  |                |               |                      |         |                 |
|------------|-------------------------------------------------------------|--|-----------|--|----------------------------------------------------------------|--|----------------|---------------|----------------------|---------|-----------------|
| Location   |                                                             |  |           |  | <input type="checkbox"/> Comp. Collection (comp begin or grab) |  | Eastern        | Composite end |                      | Eastern | Bottle Group(s) |
| Field ID   |                                                             |  |           |  | <input type="checkbox"/> Grab Date                             |  | Central        | Date          |                      | Central |                 |
| STORET no. |                                                             |  |           |  | Matrix (type, e.g. Salt, Fresh, etc)                           |  | Diss. Oxygen   |               | Res. Chlorine (mg/L) |         |                 |
|            |                                                             |  |           |  | Temp (C.)                                                      |  | pH             |               | Sample Depth         |         |                 |
| Latitude   | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Longitude |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms    |  | Salinity (ppt) |               | Comments             |         |                 |

|            |                                                             |  |           |  |                                                                |  |                |               |                      |         |                 |
|------------|-------------------------------------------------------------|--|-----------|--|----------------------------------------------------------------|--|----------------|---------------|----------------------|---------|-----------------|
| Location   |                                                             |  |           |  | <input type="checkbox"/> Comp. Collection (comp begin or grab) |  | Eastern        | Composite end |                      | Eastern | Bottle Group(s) |
| Field ID   |                                                             |  |           |  | <input type="checkbox"/> Grab Date                             |  | Central        | Date          |                      | Central |                 |
| STORET no. |                                                             |  |           |  | Matrix (type, e.g. Salt, Fresh, etc)                           |  | Diss. Oxygen   |               | Res. Chlorine (mg/L) |         |                 |
|            |                                                             |  |           |  | Temp (C.)                                                      |  | pH             |               | Sample Depth         |         |                 |
| Latitude   | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Longitude |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms    |  | Salinity (ppt) |               | Comments             |         |                 |

|            |                                                             |  |           |  |                                                                |  |                |               |                      |         |                 |
|------------|-------------------------------------------------------------|--|-----------|--|----------------------------------------------------------------|--|----------------|---------------|----------------------|---------|-----------------|
| Location   |                                                             |  |           |  | <input type="checkbox"/> Comp. Collection (comp begin or grab) |  | Eastern        | Composite end |                      | Eastern | Bottle Group(s) |
| Field ID   |                                                             |  |           |  | <input type="checkbox"/> Grab Date                             |  | Central        | Date          |                      | Central |                 |
| STORET no. |                                                             |  |           |  | Matrix (type, e.g. Salt, Fresh, etc)                           |  | Diss. Oxygen   |               | Res. Chlorine (mg/L) |         |                 |
|            |                                                             |  |           |  | Temp (C.)                                                      |  | pH             |               | Sample Depth         |         |                 |
| Latitude   | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Longitude |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms    |  | Salinity (ppt) |               | Comments             |         |                 |

|                  |             |                  |              |             |                  |           |              |           |
|------------------|-------------|------------------|--------------|-------------|------------------|-----------|--------------|-----------|
| Relinquished By: | Date/Time   | Shipping Method: | Received By: | Date/Time   | Relinquished By: | Date/Time | Received By: | Date/Time |
| Rick Abad        | 1/5/16 1600 | Fedex            | ca           | 1/6/16 9:15 |                  |           |              |           |

|          |              |         |                 |               |               |                                     |   |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------|---|
| Group: A | Bottle Type: | P-1L    | # of Bottles: 3 | 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: | P-1L    | # of Bottles: 3 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | BOD-UNIN     |         |                 |               |               |                                     |   |
| 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: | 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: 3 | Preservative: | ICE-FLTR      | Enter Number of Bottles Sent to Lab | 1 |
|          | W-PO4-F      |         |                 |               |               |                                     |   |

# Log-in Checklist

RQ- 2016-01-04-70

Shipping Method: Fedex

Date/Time of Receipt: 1/6/16 9:15

| Cooler ID | Cooler Temperature* | No. Sample Containers in Cooler | Evidence Tape |    |          |    | Tracking # (fill out only if waybill copy is damaged) |
|-----------|---------------------|---------------------------------|---------------|----|----------|----|-------------------------------------------------------|
|           |                     |                                 | Present?      |    | *Intact? |    |                                                       |
|           |                     |                                 | Yes           | No | Yes      | No |                                                       |
| Red       | 2.8                 | 5                               |               | ✓  |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |

\*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

**\*\*Note:** If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

**\*\*Chain Of Custody/ Field Sheet(s) Included?** Yes ☒ No ☐

## CONTAINER CHECK

**\*\*Evidence Tape on Bottles?** Yes ☐ No ☒ If yes, is it intact? Yes ☐ No ☐

**\*\*Caps on tight?** Yes ☒ No ☐ **\*\*Containers intact?** Yes ☒ No ☐

**\*\*Sufficient Sample Volume:** Yes ☒ No ☐

## CHLORINE CHECK (Blue dot on container)

| Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required. |     |    |               |     |    |
|------------------------------------------------------------------------------------------------------|-----|----|---------------|-----|----|
| Analysis                                                                                             | Yes | No | Analysis      | Yes | No |
| W-1,4 DIOX                                                                                           |     |    | W-PC-AA-SF    |     |    |
| W-AHERB-AA (-AHB-AA-R)                                                                               |     |    | W-PCL-SQ (-R) |     |    |
| W-BNA (-625, -R)                                                                                     |     |    | W-PDQUAT      |     |    |
| W-CARB-AA (-CAB-AA-R)                                                                                |     |    | W-PESTNP-R    |     |    |
| W-ENDO-AA                                                                                            |     |    | W-PSCL-TQ     |     |    |
| W-GLYPH                                                                                              |     |    | W-PSNP-TQ     |     |    |
| W-NP-AA-SF                                                                                           |     |    | W-PST-CL-R    |     |    |
| W-PAH (-R)                                                                                           |     |    | W-TR-TQ       |     |    |
| W-PCB-R                                                                                              |     |    |               |     |    |

## PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**\*\*Acid Preserved Samples:** pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: cu

**\*\*W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?** Yes ☐ No ☐ NA ☒ Init: cu

Coolers Unpacked/Checked by: cu Date: 1/6/16

NCRs (Y/N)? N

Event ID: NW-DIST-2016-01-06-01

NCR #

## Log-in Checklist

### Samples with Incorrect pH Preservation or presence of Chlorine

| Field ID | Bottle Test ID(s) | pH / Cl | Action Taken |
|----------|-------------------|---------|--------------|
|          |                   |         |              |
|          |                   |         |              |
|          |                   |         |              |
|          |                   |         |              |

### Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

| Cooler ID | Field ID | Bottle Test ID(s) |
|-----------|----------|-------------------|
|           |          |                   |
|           |          |                   |
|           |          |                   |
|           |          |                   |
|           |          |                   |

### Bottles Not Intact

| Field ID | Bottle Test ID(s) | Loose Cap | Damaged Cap |    | Damaged Container |    | Evidence Tape Not Intact |
|----------|-------------------|-----------|-------------|----|-------------------|----|--------------------------|
|          |                   |           | CK          | BR | CK                | BR |                          |
|          |                   |           |             |    |                   |    |                          |
|          |                   |           |             |    |                   |    |                          |
|          |                   |           |             |    |                   |    |                          |

### Samples with Insufficient Volume for Analyses

| Field ID | Bottle Test ID(s) | Action Taken |
|----------|-------------------|--------------|
|          |                   |              |
|          |                   |              |
|          |                   |              |
|          |                   |              |

## ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes \_\_\_\_\_ No ✓

Date and Time Placed in Freezer \_\_\_\_\_

Were all samples placed in freezer within 48 hours of collection? Yes \_\_\_\_\_ No \_\_\_\_\_

If no, were samples shipped on dry ice? Yes \_\_\_\_\_ No \_\_\_\_\_

#### FOR CLEAN LAB USE ONLY – Methyl Mercury Preservation Check:

Samples Preserved within 48 hours? Yes \_\_\_\_\_ No \_\_\_\_\_

Date and time samples preserved: \_\_\_\_\_

**Additional Comments:**

Date of Request: 04-JAN-2016  
 Created By: KING\_M On: 04-JAN-2016  
 Modified By: MILLER\_EB On: 05-JAN-2016  
 Customer: NW-DIST  
 Project: SMP  
 Division:  
 District: Northwest District  
 Sampling Event: WBID 337

**Send Coolers To:**

Phone: SC-695-8300  
 160 W Government st  
 Suite 208A  
 Pensacola, FL 32502-5794  
 Attn: Michael King

Program Module Number: 1306  
 Priority: 3  
 Event Status: A  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 05-JAN-2016  
 Biology Request Reviewed By: MILLER\_EB On: 05-JAN-2016  
 Sampling Kit Required: NO Ship on:  
 Sampling Kit Shipped:  
 Sampling Kit Packed By:  
 Preservatives Needed: NO  
 Date to Receive Samples: 04-JAN-2016  
 Received By:

**Send Final Report To:**

160 W Government st  
 Suite 208A  
 Pensacola, FL 32502-5794  
 Attn: Michael King

Report Type: Final Only  
 FTP Data: NO  
 QC Report: YES  
 Date Log: NO  
 Authorization Log: NO

**Comments:****Bottle Group A (Water) With 1 Samples:**

|                      |                      |                                                                                                                    |
|----------------------|----------------------|--------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L    | Number of Bottles: 1 | Preserved With: ICE                                                                                                |
| ALKALINITY           | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L                                                        |
| TURBIDITY            | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                 |
| W-CL-IC              | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                  |
| W-COLOR              | Template: DEFAULT    | (SM 2120 B) True Color measured at 450 nm                                                                          |
| Color (true)         |                      |                                                                                                                    |
| W-F                  | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)               |
| W-SO4-IC             | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                   |
| W-TDS                | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                                          |
| W-TSS                | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices                                                          |
| Bottle Type: P-1L    | Number of Bottles: 1 | Preserved With: ICE                                                                                                |
| BOD-UNIN             | Template: DEFAULT    | (SM 5210 B) BOD, NOT nitrogen-inhibited                                                                            |
| Bottle Type: BP-1L   | Number of Bottles: 1 | Preserved With: ICE                                                                                                |
| CHLSUITE-W           | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry |
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                                                      |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                         |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                                 |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                                |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                                   |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                                                     |
| Bottle Type: P-125ML | Number of Bottles: 1 | Preserved With: ICE-FLTR                                                                                           |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                           |

00188

01000

18398

fedex.com 1.800.GoFedEx 1.800.463.3339

15422037

**FedEx** Package  
Express US Airbill
FedEx  
Tracking  
Number

8075 9690 6227

## 1 From

Date

1/5/16

Sender's  
Name

Rick Abad

Phone

850 595-0552

Company

FDEP

Address

160 W Government St

Dept./Floor/Suite/Room

City

Pensacola

State

FL

ZIP

32502

## 2 Your Internal Billing Reference

## 3 To

Recipient's  
Name

SAMPLE RECEIVING

Phone

850 245-8085

Company

FLORIDA DEP/CHEMISTRY SECTION

Address

2600 BLAIRSTONE RD

Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City

TALLAHASSEE

State

FL

ZIP

32399-6542

**HOLD Weekday**  
FedEx location address  
REQUIRED. NOT available for  
FedEx First Overnight.

**HOLD Saturday**  
FedEx location address  
REQUIRED. Available ONLY for  
FedEx Priority Overnight and  
FedEx 2Day to select locations.


0118601759

Form  
ID No.

0215

Recipient's Copy

## 4 Express Package Service

\* To most locations.

NOTE: Service order has changed. Please select carefully.

**Packages up to 150 lbs.**  
For packages over 150 lbs., use the  
FedEx Express Freight US Airbill.

## Next Business Day

- ☐ FedEx First Overnight  
Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☒ FedEx Priority Overnight  
Next business morning.\* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx Standard Overnight  
Next business afternoon.\* Saturday Delivery NOT available.

## 2 or 3 Business Days

- ☐ FedEx 2Day A.M.  
Second business morning.\* Saturday Delivery NOT available.
- ☐ FedEx 2Day  
Second business afternoon.\* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx Express Saver  
Third business day.\* Saturday Delivery NOT available.

## 5 Packaging

\* Declared value limit \$500.

- ☐ FedEx Envelope\* ☐ FedEx Pak\* ☐ FedEx Box ☐ FedEx Tube ☒ Other

## 6 Special Handling and Delivery Signature Options

- ☐ SATURDAY Delivery  
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

- ☐ No Signature Required  
Package may be left without obtaining a signature for delivery.

- ☐ Direct Signature  
Someone at recipient's address may sign for delivery. Fee applies.

- ☐ Indirect Signature  
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

## Does this shipment contain dangerous goods?

- ☐ No ☐ Yes ☐ Yes ☐ Yes  
As per attached Shipper's Declaration. Shipper's Declaration not required.
- ☐ Dry Ice  
Dry Ice, 9, UN 1845 ☐ x ☐ kg
- ☐ Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

## 7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

- ☐ Sender Acct. No. in Section 1 will be billed. ☒ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

Total Packages 1 Total Weight 40 lbs.

Credit Card Auth.

[L 7.1]

fedex.com 1.800.GoFedEx 1.800.463.3339