

WBID 371 557 567 570 646

## Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: F. Butera

Project ID: SMP

Collected By: R. Acad, F. Butera

Sampling Agency: FL DEP - NWROC

|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|----------|--|----------|--|----------|--|----------|--|-------------------------------------------------------------|--|------------------------------------------------------------------------------------------------|--|--------------------------------------------|--|---------------------------------------------------------------------------|--|--------------------------------------------------------------|--|----------------------------------------------------------------------------|--|----------------------------------------------------------------------|--|-------------------------------|--|----|--|
| Location |  | Field ID |  | STORET # |  | Latitude |  | <input type="checkbox"/> dd<br><input type="checkbox"/> dms |  | Location: MAGNOLIA CREEK<br>@ Owls Head Rd<br>RQ-2016-02-15-13(WBID 557)<br>Date:<br>Time: CST |  | G3NW0099<br>Field ID<br>STORET<br>G3NW0099 |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or grab)<br>Date 2/29/2016 Time 10:50 |  | Eastern<br>Central                                                         |  | Composite end<br>Date Time                                           |  | Bottle Group(s)<br>(See pg 2) |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen                                                 |  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |  | Total Res. Chlorine (mg/L)                                           |  | A                             |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  | Temp (C)                                                                  |  | pH                                                           |  | Sample Depth                                                               |  | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m |  | Sp. Conductance (umho/cm)     |  | 18 |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  | Salinity (ppt)                                                            |  | 0.0                                                          |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
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|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
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|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
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|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
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|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
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|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
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|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
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|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
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|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
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|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
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|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |
|          |  |          |  |          |  |          |  |                                                             |  |                                                                                                |  |                                            |  |                                                                           |  |                                                              |  |                                                                            |  |                                                                      |  |                               |  |    |  |

|          |              |         |                  |               |               |                                     |   |
|----------|--------------|---------|------------------|---------------|---------------|-------------------------------------|---|
| Group: A | Bottle Type: | P-1L    | # of Bottles: 10 | 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: 10 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | BOD-UNIN     |         |                  |               |               |                                     |   |
| Group: A | Bottle Type: | BP-1L   | # of Bottles: 10 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 |
|          | CHLSUITE-W   |         |                  |               |               |                                     |   |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 10 | 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: 10 | Preservative: | ICE-FLTR      | Enter Number of Bottles Sent to Lab | 1 |
|          | W-PO4-F      |         |                  |               |               |                                     |   |

Date of Request: 13-JAN-2016  
 Created By: KING\_M On: 13-JAN-2016  
 Modified By: WATTS\_J On: 21-JAN-2016  
 Customer: NW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northwest District  
 Sampling Event: WBID 371 557 567 570 646

**Send Coolers To:**

Phone: SC-695-0605  
 160 W Government St  
 Suite 208A  
 Pensacola, FL 32502-5794  
 Attn: Michael King

**Send Final Report To:**

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

Program Module Number: 1306  
 Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 21-JAN-2016  
 Biology Request Reviewed By: SWANSON\_C On: 15-JAN-2016  
 Sampling Kit Required: YES Ship on: 03-FEB-2016  
 Sampling Kit Shipped: YES On: 01-FEB-2016  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: NO  
 Date to Receive Samples: 15-FEB-2016  
 Received By:

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

Comments:

**Bottle Group A (Water) With 10 Samples:**

|                                   |                       |                                                                                                                    |
|-----------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 10 | Preserved With: ICE                                                                                                |
| ALKALINITY                        | Template: DEFAULT     | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /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-SO <sub>4</sub> -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: 10 | Preserved With: ICE                                                                                                |
| BOD-UNIN                          | Template: DEFAULT     | (SM 5210 B) BOD, NOT nitrogen-inhibited                                                                            |
| Bottle Type: BP-1L                | Number of Bottles: 10 | 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: 10 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>                                                             |
| W-NH <sub>3</sub>                 | Template: DEFAULT     | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                         |
| W-NO <sub>2</sub> NO <sub>3</sub> | 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: 10 | Preserved With: ICE-FLTR                                                                                           |
| W-PO <sub>4</sub> -F              | Template: DEFAULT     | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                           |

# Log-in Checklist

RQ- 2016-02-15-13

Shipping Method: Fedex

Date/Time of Receipt: 3/1/16/9:27

| Cooler ID | Cooler Temperature* | No. Sample Containers in Cooler | Evidence Tape |   | *Intact? |    | Tracking # (fill out only if waybill copy is damaged) |
|-----------|---------------------|---------------------------------|---------------|---|----------|----|-------------------------------------------------------|
|           |                     |                                 | Present?      |   | Yes      | No |                                                       |
| White     | -2.1                | 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: NB

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

Coolers Unpacked/Checked by: NB Date: 3/1/16 NCRs (Y/N)? N

Event ID: NW-DIST-2016-03-01-03 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:**

