**Request Number: RQ-2016-11-21-11**

Nass Mid west

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

last revised Apr 7, 2016

**Customer: NE-DIST**

**Project ID: SMP**

Requester: Jeremy M. Parrish

Field Report Prepared By: P. O'Connor

Collected By: N. Fredrick, P. O'Connor

Sampling Agency: DEAR NED ROC

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**Location:** Field Id — FIELD BLANK
**Field ID:** Field Blank — FIELD BLANK
**STORET:**
**Latitude:** ☐ dd ☐ dms **Longitude:** ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 11/16/16 Time 1040 | Eastern / Central | Composite end Date — Time — | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Deionized Water | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Salinity (ppt) | Comments

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**Location:** 19010042 11162016
**Field ID:** Calkins @ Hamp Register — 19010042
**STORET #:**
**Latitude:** ☐ dd ☐ dms **Longitude:** ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 11/16/16 Time 1045 | Eastern / Central | Composite end Date — Time — | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Surface Fresh | Diss. Oxygen 6.42 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 14.4 | pH 6.93 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 101

Salinity (ppt) 0.05 | Comments DO% 63.3

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**Location:** 19010042 11162016
**Field ID:** Calkins @ Hamp Register DUPLICATE — 19010042
**STORET #:**
**Latitude:** ☐ dd ☐ dms **Longitude:** ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 11/16/16 Time 1055 | Eastern / Central | Composite end Date — Time — | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Surface Fresh | Diss. Oxygen 6.42 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 14.4 | pH 6.93 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 101

Salinity (ppt) 0.05 | Comments DO% 63.3

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**Location:**
**Field ID:**
**STORET #:**
**Latitude:** ☐ dd ☐ dms **Longitude:** ☐ dd ☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time | Eastern / Central | Composite end Date Time | Bottle Group(s)

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Salinity (ppt) | Comments

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| Relinquished By: | Date/Time | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time |
|---|---|---|---|---|---|
| P O'Connor | 11/16/16 1530 | FEDEX | 1 | [signature] | 11.17.16 10:33 |

| Group: | Bottle Type: | # of Bottles: | Preservative: | Enter Number of Bottles Sent to Lab |
|---|---|---|---|---|
| A | P-1L | 3 | ICE | 3 |

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

| Group: | Bottle Type: | # of Bottles: | Preservative: | Enter Number of Bottles Sent to Lab |
|---|---|---|---|---|
| A | BP-1L | 3 | ICE | 3 |

CHLSUITE-W

| Group: | Bottle Type: | # of Bottles: | Preservative: | Enter Number of Bottles Sent to Lab |
|---|---|---|---|---|
| A | P-500ML | 3 | ICE And H2SO4 | 3 |

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

| Group: | Bottle Type: | # of Bottles: | Preservative: | Enter Number of Bottles Sent to Lab |
|---|---|---|---|---|
| A | P-125ML | 3 | ICE-FLTR | 3 |

W-PO4-F

# RQ-2016-11-21-11



Date of Request: 19-OCT-2016
Created By: PARRISH_J On: 19-OCT-2016
Modified By: MATTHEWS_D On: 07-NOV-2016
Customer: NE-DIST
Project: SMP
Division:
District: Northeast District
Sampling Event: Nass Mid west

**Send Coolers To:**

Phone: 904-256-1700
8800 Baymeadows Way West

Jacksonville, FL 32256-7577
Attn: Jeremy Parrish

**Send Final Report To:**

8800 Baymeadows Way West

Jacksonville, FL 32256-7577
Attn: Jeremy Parrish

Program Module Number:
Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 04-NOV-2016
Biology Request Reviewed By: MATTHEWS_D On: 07-NOV-2016
Sampling Kit Required: YES Ship on: 16-NOV-2016
Sampling Kit Shipped: YES On: 16-NOV-2016
Sampling Kit Packed By: KITCHEN_S
Preservatives Needed: NO
Date to Receive Samples: 21-NOV-2016
Received By: SHAIK_A On: 17-NOV-2016

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

Comments:

## Bottle Group A (Water) With 3 Samples:

Bottle Type: P-1L Number of Bottles: 3 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 Color (true) | Template: DEFAULT | (SM 2120 B) True Color measured at 450 nm |
| 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: BP-1L Number of Bottles: 3 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: 3 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: 3 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 |

2016-11-07-18:4

RQ- 2016-11-21-11:12

# Log-in Checklist

Shipping Method: Fed Ex

Date/Time of Receipt: 11.17.16 10:33

| 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 | |
| Rad | 1.1C | 16 | | ✓ | | | 8104 1262 0808 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*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: ABP

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes____ No____ NA ✓ Init: _____

**Coolers Unpacked/Checked by:** ABP **Date:** 11.17.16 **NCRs (Y/N)?** ✓

**Event ID:** Nass Mid west NE-DIST-2016-11-17-03 (SMP) Date Received: 17-NOV-2016 10:33 **NCR #** _____

# Log-in Checklist

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

| Field ID | Bottle Test ID(s) | pH / Cl2 | 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** – Total Mercury Preservation Check (W-HG-AF; W-HG-AF-F):

Samples preserved within 48 hours? Yes_____ No_____

Date and time samples preserved: _____

**Additional Comments:**