**Request Number: RQ-2017-07-17-09**

Suwannee springs

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



last revised Apr 7, 2016

**Customer: NE-DIST**

**Project ID: SMP**

Requester: Jeremy M. Parrish

Collected By: J. Parrish, P. O'Connor

Field Report Prepared By: P. O'Connor

Sampling Agency: DEAR NED ROC

---

**Location Field ID:** G1NE0565 07192017
**Field ID / STORET #:** Cow Creek @ SR 138 — STORET 21030086
Latitude ☐dd ☐dms Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 07-19-17 Time 9:25 ☒ Eastern ☐ Central | Composite end Date ____ Time ____ | Bottle Group(s) (See pg 2): A+B JH

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen: 5.8 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): ____

Temp (C): 24.7 | pH: 7.6 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 209

Salinity (ppt): 0.1 | Comments: DO% 69.2

---

**Location Field ID:** G1NE0622 07192017
**Field ID / STORET:** Cow Creek @ 340 — STORET 21030143
Latitude ☐dd ☒dms Longitude ☐dd ☒dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 07-19-17 Time 09:45 ☒ Eastern ☐ Central | Composite end Date ____ Time ____ | Bottle Group(s): B JH

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen: 5.1 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): ____

Temp (C): 24.5 | pH: 7.6 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 173

Salinity (ppt): 0.09 | Comments: DO% 61.5

---

**Location Field ID:** G1NE0829 07192017
**Field ID / STORET:** Wacassassa R @ SR 24 — STORET 23020006
Latitude ☐dd ☐dms Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 07-19-17 Time 1145 ☐ Eastern ☒ Central | Composite end Date ~~Time~~ | Bottle Group(s): A+B JH C

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen: 6.3 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L): ____

Temp (C): 25.3 | pH: ~~0.13~~ 7.6 | Sample Depth: 0.3 ☐ ft ☐ m | Sp. Conductance (umho/cm): 282

Salinity (ppt): 0.13 | Comments: DO% 76.8

---

**Location Field ID:** G1NE0624 07192017
**Field ID / STORET:** Santa Fe R @ Hollingsworth Bluff — STORET 21030145
Latitude ☐dd ☒dms Longitude ☐dd ☒dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 07-19-17 Time 0905 ☐ Eastern ☒ Central | Composite end Date ____ Time ____ | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen: 4.6 ☐ mg/L ☒ % sat | Total Res. Chlorine (mg/L): ____

Temp (C): 24.1 | pH: 7.4 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 364

Salinity (ppt): 0.18 | Comments: DO% 53.5

---

| Relinquished By: | Date/Time | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time |
|---|---|---|---|---|---|
| | | | 2 | Tyler R | 07/20/17 @ 9:30 |

& collection time recorded on sample container. JH

**Request Number: RQ-2017-07-17-09**

Suwannee springs

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

last revised Apr 7, 2016

**Customer: NE-DIST**

**Project ID: SMP**

Requester: Jeremy M. Parrish

Collected By: J. Parrish, P. O'Connor

Field Report Prepared By: P. O'Connor

Sampling Agency: DEAR NED ROC

---

Locat' Field ID: G1NE0868 07192017

Field STOF: Blue Spring STORET: G1NE0868

Latitude ☐dd ☐dms Longitude ☐dd ☐dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date 07-19-17 Time 1215 Eastern/Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen: 3.3 ☑mg/L ☐% sat | Total Res. Chlorine (mg/L)

Temp (C): 22.3 | pH: 7.8 | Sample Depth: 3.0 ☐ft ☒m | Sp. Conductance (umho/cm): 244

Salinity (ppt): 0.12 | Comments: DO% 39.5

---

Location: GUARANTO SPRINGS

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 07-19-17 Time 1015 Eastern/Central | Composite end Date Time | Bottle Group(s): A

Field ID: G1NE0820071920 17

Matrix (type, e.g., Salt, Fresh, etc): SURFACE WATER FRESH | Diss. Oxygen: 1.2 ☒mg/L ☐% sat | Total Res. Chlorine (mg/L)

STORET #: 22051012

Temp (C): 22.4 | pH: 7.5 | Sample Depth: 3.0 ☐ft ☒m | Sp. Conductance (umho/cm): 419

Latitude ☒dd ☐dms Longitude ☒dd ☐dms | Salinity (ppt): 0.2 | Comments: DO% 15.4 SPRING

---

Location: TRAIL SPRING

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 07-19-17 Time 1010 Eastern/Central | Composite end Date Time | Bottle Group(s): A

Field ID: G1NE0815071920 17

Matrix (type, e.g., Salt, Fresh, etc): SURFACE WATER FRESH | Diss. Oxygen: 2.0 ☒mg/L ☐% sat | Total Res. Chlorine (mg/L)

STORET #: 22051007

Temp (C): 22.3 | pH: 7.4 | Sample Depth: 1.0 ☐ft ☒m | Sp. Conductance (umho/cm): 570

Latitude ☐dd ☐dms Longitude ☐dd ☐dms | Salinity (ppt): 0.27 | Comments: DO% 22.0

---

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

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

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

Latitude ☐dd ☐dms Longitude ☐dd ☐dms | Salinity (ppt) | Comments

---

| Relinquished By: | Date/Time | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time |
|---|---|---|---|---|---|
| P. O'Connor | 07-19-17 1430 | FEDEX | 2 (TOTAL) | Tyler R. | 07/20/17@9.50 |

PLEASE ADD (1) GROUP A Set of Bottles to RQ-2017-07-17-09 Thanks

| | | | | | | |
|---|---|---|---|---|---|---|
| Group: A | Bottle Type: P-1L | # of Bottles: 5 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 6 |
| | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | | | | | |
| Group: A | Bottle Type: BP-1L | # of Bottles: 5 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 6 |
| | CHLSUITE-W | | | | | |
| Group: A | Bottle Type: P-500ML | # of Bottles: 5 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 6 |
| | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC | | | | | |
| Group: A | Bottle Type: P-125ML | # of Bottles: 5 | Preservative: | ICE-FLTR | Enter Number of Bottles Sent to Lab | 6 |
| | W-PO4-F | | | | | |
| Group: B | Bottle Type: P-120ML-WC-THI | # of Bottles: 2 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 2 |
| | NED-AEG-EC | | | | | |
| Group: B | Bottle Type: QPCR-P-250ML | # of Bottles: 4 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | ~~2~~ 4 |
| | PCR-FILTER<br>PCR-HF183 | | | | | |
| Group: B | Bottle Type: BG-1L | # of Bottles: 2 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 2 |
| | W-AHERB-AA<br>W-SUC-AA-R<br>W-UHERB-AA | | | | | |
| Group: C | Bottle Type: P-120ML-WC-THI | # of Bottles: 1 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 1 |
| | NED-AEG-EC | | | | | |
| Group: C | Bottle Type: QPCR-P-250ML | # of Bottles: 2 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 2 |
| | PCR-FILTER | | | | | |

## Reynolds, Tyler

**From:** OConnor, Patrick
**Sent:** Thursday, July 20, 2017 2:48 PM
**To:** Reynolds, Tyler
**Cc:** Parrish, Jeremy M.
**Subject:** RE: Field Sheets
**Attachments:** Cow creek revised.pdf

---

**From:** Reynolds, Tyler
**Sent:** Thursday, July 20, 2017 2:30 PM
**To:** OConnor, Patrick <Patrick.OConnor@dep.state.fl.us>
**Cc:** Parrish, Jeremy M. <Jeremy.M.Parrish@dep.state.fl.us>
**Subject:** RE: Field Sheets
**Importance:** High

Yes, thanks for reminding me.


TYLER REYNOLDS
Laboratory Tech IV
Florida Department of Environmental Protection
Voice: 850.345.8332
Tyler.Reynolds@dep.state.fl.us


---

**From:** OConnor, Patrick
**Sent:** Thursday, July 20, 2017 2:25 PM
**To:** Reynolds, Tyler <Tyler.Reynolds@dep.state.fl.us>
**Cc:** Parrish, Jeremy M. <Jeremy.M.Parrish@dep.state.fl.us>
**Subject:** Field Sheets

Tyler
Were you going to send me the field sheets from yesterday's sampling @ Cow Creek @138

**Request Number: RQ-2017-07-17-09**

Suwannee springs

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



last revised Apr 7, 2016

**Customer: NE-DIST**

**Project ID: SMP**

Requester: Jeremy M. Parrish

Collected By: J. Parrish, P. O'Connor

Field Report Prepared By: P. O'Connor

Sampling Agency: DEAR NED ROC

---

Location Field ID: G1NE0868 07192017

Field STOR: Blue Spring

STORET: G1NE0868

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date 07-19-17 Time 1215 | Eastern / Central | Composite end Date ___ Time ___ | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen 3.3 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L) ___

Temp (C) 22.3 | pH 7.8 | Sample Depth 3.0 ☐ ft ☒ m | Sp. Conductance (umho/cm) 244

Salinity (ppt) 0.12 | Comments DO% 39.5

---

Location: GUARANTO SPRINGS

Field ID: G1NE0820071 9 2017

STORET #: 22051012

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 07-19-17 Time 1045 | Eastern / Central | Composite end Date ___ Time ___ | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen 1.24 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L) ___

Temp (C) 22.4 | pH 7.5 | Sample Depth 3.0 ☐ ft ☒ m | Sp. Conductance (umho/cm) 419

Salinity (ppt) 0.2 | Comments DO% 1.24

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

---

Location: TRAIL SPRING

Field ID: G1NE0815071 9 2017

STORET #: 22051007

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 07-19-17 Time 1010 | Eastern / Central | Composite end Date ___ Time ___ | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen 2.0 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L) ___

Temp (C) 22.3 | pH 7.4 | Sample Depth 1.0 ☐ ft ☒ m | Sp. Conductance (umho/cm) 570

Salinity (ppt) 0.27 | Comments DO% 22.0

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

---

Location

Field ID

STORET #

☐ 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

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

---

| Relinquished By: | Date/Time | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time |
|---|---|---|---|---|---|
| P. O'Connor | 07-19-17 1430 | FedEx | 2 (Total) | Tyler R. | 07/20/17@9:50 |

PLEASE ADD (1) GROUP A set of Bottles to RQ-2017-07-17-09 THANKS

| | | | | | | |
|---|---|---|---|---|---|---|
| Group: A | Bottle Type: | P-1L | # of Bottles: 5 | Preservative: | ICE | **Enter Number of Bottles Sent to Lab** 6 |
| | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | | | | | |
| Group: A | Bottle Type: | BP-1L | # of Bottles: 5 | Preservative: | ICE | **Enter Number of Bottles Sent to Lab** 6 |
| | CHLSUITE-W | | | | | |
| Group: A | Bottle Type: | P-500ML | # of Bottles: 5 | Preservative: | ICE And H2SO4 | **Enter Number of Bottles Sent to Lab** 6 |
| | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC | | | | | |
| Group: A | Bottle Type: | P-125ML | # of Bottles: 5 | Preservative: | ICE-FLTR | **Enter Number of Bottles Sent to Lab** 6 |
| | W-PO4-F | | | | | |
| Group: B | Bottle Type: | P-120ML-WC-THI | # of Bottles: 2 | Preservative: | ICE | **Enter Number of Bottles Sent to Lab** 2 |
| | NED-AEG-EC | | | | | |
| Group: B | Bottle Type: | QPCR-P-250ML | # of Bottles: 4 | Preservative: | ICE | **Enter Number of Bottles Sent to Lab** ~~2~~ 4 |
| | PCR-FILTER<br>PCR-HF183 | | | | | |
| Group: B | Bottle Type: | BG-1L | # of Bottles: 2 | Preservative: | ICE | **Enter Number of Bottles Sent to Lab** 2 |
| | W-AHERB-AA<br>W-SUC-AA-R<br>W-UHERB-AA | | | | | |
| Group: C | Bottle Type: | P-120ML-WC-THI | # of Bottles: 1 | Preservative: | ICE | **Enter Number of Bottles Sent to Lab** 1 |
| | NED-AEG-EC | | | | | |
| Group: C | Bottle Type: | QPCR-P-250ML | # of Bottles: 2 | Preservative: | ICE | **Enter Number of Bottles Sent to Lab** 2 |
| | PCR-FILTER | | | | | |

1/4

**Request Number: RQ-2017-07-17-09**

Suwannee springs

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



last revised Apr 7, 2016

**Customer: NE-DIST**

**Project ID: SMP**

Requester: Jeremy M. Parrish

Collected By: J. Parrish, P. O'Connor

Field Report Prepared By: P. O'Connor

Sampling Agency: DEAR NED ROC

---

**Location:** Cow Creek @ SR 138
Field ID: G1NE0565 07192017
STORET #: STORET 21030086
Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 07-19-17 Time 9:25 ★ ☒ Eastern ☐ Central | Composite end Date ____ Time ____ | Bottle Group(s) (See pg 2): A+C

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen 5.8 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L) ____

Temp (C) 24.7 | pH 7.6 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 209

Salinity (ppt) 0.1 | Comments DO% 69.2

---

**Location:** Cow Creek @ 340
Field ID: G1NE0622 07192017
STORET: STORET 21030143
Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 07-19-17 Time 0945 ☒ Eastern ☐ Central | Composite end Date ____ Time ____ | Bottle Group(s): C

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen 5.1 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L) ____

Temp (C) 24.5 | pH 7.6 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 173

Salinity (ppt) 0.09 | Comments DO% 61.5

---

**Location:** Wacassassa R @ SR 24
Field ID: G1NE0829 07192017
STORET: STORET 23020006
Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 07-19-17 Time 1145 ☒ Eastern ☐ Central | Composite end Date ____ Time ____ | Bottle Group(s): A+B

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen 6.3 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L) ____

Temp (C) 25.3 | pH ~~0.13~~ 7.6 % | Sample Depth 0.3 ☐ ft ☐ m | Sp. Conductance (umho/cm) 282

Salinity (ppt) 0.13 | Comments DO% 76.8

---

**Location:** Santa Fe R @ Hollingsworth Bluff
Field ID: G1NE0624 07192017
STORET: STORET 21030145
Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 07-19-17 Time 0905 ☒ Eastern ☐ Central | Composite end Date ____ Time ____ | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen 4.6 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L) ____

Temp (C) 24.1 | pH 7.6 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 364

Salinity (ppt) 0.18 | Comments DO% 55

---

| Relinquished By: | Date/Time | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time |
|---|---|---|---|---|---|
| | | | 2 | Tyler R | 07/20/17 @ 9:50 |

★ collection time recorded on sample container. TR

| | | | | | | |
|---|---|---|---|---|---|---|
| Group: A | Bottle Type: | P-1L | # of Bottles: 5 | Preservative: | ICE | **Enter Number of Bottles Sent to Lab** _____ |

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

| | | | | | | |
|---|---|---|---|---|---|---|
| Group: A | Bottle Type: | BP-1L | # of Bottles: 5 | Preservative: | ICE | **Enter Number of Bottles Sent to Lab** _____ |

CHLSUITE-W

| | | | | | | |
|---|---|---|---|---|---|---|
| Group: A | Bottle Type: | P-500ML | # of Bottles: 5 | Preservative: | ICE And H2SO4 | **Enter Number of Bottles Sent to Lab** _____ |

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

| | | | | | | |
|---|---|---|---|---|---|---|
| Group: A | Bottle Type: | P-125ML | # of Bottles: 5 | Preservative: | ICE-FLTR | **Enter Number of Bottles Sent to Lab** _____ |

W-PO4-F

| | | | | | | |
|---|---|---|---|---|---|---|
| Group: B | Bottle Type: | P-120ML-WC-THI | # of Bottles: 2 | Preservative: | ICE | **Enter Number of Bottles Sent to Lab** _____ |

NED-AEG-EC

| | | | | | | |
|---|---|---|---|---|---|---|
| Group: B | Bottle Type: | QPCR-P-250ML | # of Bottles: 4 | Preservative: | ICE | **Enter Number of Bottles Sent to Lab** _____ |

PCR-FILTER
PCR-HF183

| | | | | | | |
|---|---|---|---|---|---|---|
| Group: B | Bottle Type: | BG-1L | # of Bottles: 2 | Preservative: | ICE | **Enter Number of Bottles Sent to Lab** _____ |

W-AHERB-AA
W-SUC-AA-R
W-UHERB-AA

| | | | | | | |
|---|---|---|---|---|---|---|
| Group: C | Bottle Type: | P-120ML-WC-THI | # of Bottles: 1 | Preservative: | ICE | **Enter Number of Bottles Sent to Lab** _____ |

NED-AEG-EC

| | | | | | | |
|---|---|---|---|---|---|---|
| Group: C | Bottle Type: | QPCR-P-250ML | # of Bottles: 2 | Preservative: | ICE | **Enter Number of Bottles Sent to Lab** _____ |

PCR-FILTER

| Group: C | Bottle Type: | BG-1L | # of Bottles: 1 | Preservative: | ICE | **Enter Number of Bottles Sent to Lab** 1 |
|---|---|---|---|---|---|---|

W-AHERB-AA
W-SUC-AA-R
W-UHERB-AA

# RQ-2017-07-17-09



Date of Request: 24-MAY-2017
Created By: PARRISH_J On: 24-MAY-2017
Modified By: MATTHEWS_D On: 26-JUN-2017
Customer: NE-DIST
Project: SMP
Division:
District: Northeast District
Sampling Event: Suwannee springs

**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: 22-JUN-2017
Biology Request Reviewed By: MATTHEWS_D On: 26-JUN-2017
Sampling Kit Required: YES Ship on: 27-JUN-2017
Sampling Kit Shipped: YES On: 27-JUN-2017
Sampling Kit Packed By: GREENWOO_J
Preservatives Needed: NO
Date to Receive Samples: 17-JUL-2017
Received By: REYNOLDS_T On: 20-JUL-2017

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

Comments:

## Bottle Group A (Water) With 5 Samples:

Bottle Type: P-1L Number of Bottles: 5 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: BP-1L Number of Bottles: 5 Preserved With: ICE

| | | |
|---|---|---|
| CHLSUITE-W | Template: | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |

Bottle Type: P-500ML Number of Bottles: 5 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: 5 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 |

## Bottle Group B (Water) With 2 Samples:

Bottle Type: Number of Bottles: 2 Preserved With: ICE

| | | |
|---|---|---|
| NED-AEG-EC | Template: DEFAULT | (EPA 1603) Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Gainesville Overflow Laboratories for NED |

Bottle Type: QPCR-P-250ML Number of Bottles: 4 Preserved With: ICE

| | | |
|---|---|---|
| PCR-FILTER | Template: DEFAULT | (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis |

## Bottle Group B (Water) With 2 Samples:

Bottle Type: QPCR-P-250ML Number of Bottles: 4 Preserved With: ICE

| | | |
|---|---|---|
| PCR-HF183 | Template: DEFAULT | (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction |

Bottle Type: BG-1L Number of Bottles: 2 Preserved With: ICE

| | | |
|---|---|---|
| W-AHERB-AA | Template: DEFAULT | (USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS |
| W-SUC-AA-R | Template: DEFAULT | (EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS |
| W-UHERB-AA | Template: DEFAULT | (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS |

## Bottle Group C (Water) With 1 Samples:

Bottle Type: BG-1L Number of Bottles: 1 Preserved With: ICE

| | | |
|---|---|---|
| W-AHERB-AA | Template: DEFAULT | (USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS |
| W-SUC-AA-R | Template: DEFAULT | (EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS |
| W-UHERB-AA | Template: DEFAULT | (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS |

Bottle Type: Number of Bottles: 1 Preserved With: ICE

| | | |
|---|---|---|
| NED-AEG-EC | Template: DEFAULT | (EPA 1603) Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Gainesville Overflow Laboratories for NED |

Bottle Type: QPCR-P-250ML Number of Bottles: 2 Preserved With: ICE

| | | |
|---|---|---|
| PCR-FILTER | Template: DEFAULT | (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis |

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

# Log-in Checklist

RQ- 2017-07-17-09

Shipping Method: Fedex Date/Time of Receipt: 07/20/17 @ 9:50 am

| 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 | 1.2°C | 15 | | ✓ | | | 8115955189 70 |
| Red | 1.3°C | 18 | | ✓ | | | 8115955189 58 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*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 | | | W-CT-CI-R | | |

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No____ NA____ Init: M

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

**Coolers Unpacked/Checked by:** M **Date:** 07/20/17 **NCRs (Y/N)?** N

**Event ID:** NB-DIST-2017-07-20-01 **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** – 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:**

Express Package US Airbill

FedEx Tracking Number 8115 9551 8958

01-19-17

P. O'Connor Phone 904 256 1700

DEAR NED ROC

8800 BAYMEADOWS WAY W. Dept./Floor/Suite/Room

JAX State FL ZIP 32256

ternal Billing Reference

SAMPLE RECEIVING Phone 850 245-8085

FLORIDA DEP/CHEMISTRY SECTION

2600 BLAIRSTONE RD Dept./Floor/Suite/Room

eliver to P.O. boxes or P.O. ZIP codes.

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.

for the HOLD location address or for continuation of your shipping address.

TALLAHASSEE State FL ZIP 32399

0126912290

8115 9551 8958

MUR4

Form ID No 0215 Recipient's Copy

4 Express Package Ser

Next Business Day

FedEx First Overnight Earliest next business morning delive locations. Friday shipments will be de Monday unless Saturday Delivery is

[X] FedEx Priority Overnight Next business morning.* Friday ship delivered on Monday unless Saturd is selected.

FedEx Standard Overnigl Next business afternoon.* Saturday Delivery NOT available.

5 Packaging * Declare

FedEx Envelope*

6 Special Handling

Saturday Delivery NOT available for FedEx Standa

No Signature Require Package may be left without obtaining a signature for delive

Does this shipment co

One box mu

[X] No [ ] Yes As per attacl Shipper's De

Restrictions apply for dangerous goo

7 Payment Bill to:

Sender Acct. No. in Section 1 will be billed. [X]

262

Total Packages 1 Total Weight lbs. Credit Card Auth.

†Our liability is limited to US$100 unless you declare a higher value. See the current FedEx Service Guide for details.

611

Rev. Date 5/15 • Part #153134 • ©1994–2015 FedEx • PRINTED IN U.S.A. SRM

FID 845809 19JUL17 NRBA 546C1/C8C2/8C8A

FedEx TRK# 0215 8115 9551 8958

36 TLHA

THU - 20 JUL 10:30A PRIORITY OVERNIGHT

32399 FL-US TLH

fedex.com 1800.GoFedEx 1800.463.3339

Express Package US Airbill

FedEx Tracking Number 8115 9551 8970

01-19-17

P. O'Connor Phone 904 256 1700

DEAR NED ROC

8800 BAYMEADOWS WAY W. Dept./Floor/Suite/Room

JAX State FL ZIP 32256

ernal Billing Reference

SAMPLE RECEIVING Phone 850 245-8085

FLORIDA DEP/CHEMISTRY SECTION

2600 BLAIRSTONE RD Dept./Floor/Suite/Room

eliver to P.O. boxes or P.O. ZIP codes.

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.

for the HOLD location address or for continuation of your shipping address.

TALLAHASSEE State FL ZIP 32399

0126912970

MUR4

Form ID No 0215 Recipient's Copy

4 Express Package Service * To most locations. 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.

[X] 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 [X] Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.

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.

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

Does this shipment contain dangerous goods?

One box must be checked.

[X] No [ ] Yes As per attached Shipper's Declaration. [ ] Yes Shipper's Declaration not required. [ ] Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide. [ ] Cargo Aircraft Only

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below. Obtain recip. Acct. No. [ ]

Sender Acct. No. in Section 1 will be billed. [X] Recipient [ ] Third Party [ ] Credit Card [ ] Cash/Check

Total Packages 1 Total Weight 50 lbs. Credit Card Auth.

fedex.com 1800.GoFedEx 1800.463.3339