

# Log-in Checklist

RQ- 2019 - 11-11-60

Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 11-15-2019 / 10:00

| Cooler Temperature* | Samples Frozen | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |                                     |          |    | Tracking #<br>Damaged waybills only |
|---------------------|----------------|----------------------------------------|----------|---------------------------------------|---------------|-------------------------------------|----------|----|-------------------------------------|
|                     |                | HNO <sub>3</sub>                       | Formalin |                                       | Present?      |                                     | *Intact? |    |                                     |
|                     |                |                                        |          |                                       | Yes           | No                                  | Yes      | No |                                     |
| <u>2.4C</u>         |                |                                        |          | <u>5</u>                              |               | <input checked="" type="checkbox"/> |          |    | <u>1278 4008 0079</u>               |
|                     |                |                                        |          |                                       |               |                                     |          |    |                                     |
|                     |                |                                        |          |                                       |               |                                     |          |    |                                     |
|                     |                |                                        |          |                                       |               |                                     |          |    |                                     |
|                     |                |                                        |          |                                       |               |                                     |          |    |                                     |
|                     |                |                                        |          |                                       |               |                                     |          |    |                                     |
|                     |                |                                        |          |                                       |               |                                     |          |    |                                     |

\* HNO<sub>3</sub> and Formalin persevered samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. **DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation. An NCR still is required.**

\*\*Chain of Custody/ Field Sheet(s) Included? Yes X No       

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No X ABS

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

## CONTAINER CHECK

\*\*Evidence Tape on Bottles? Yes        No X If yes, is it intact? Yes        No         
 \*\*Caps on tight? Yes X No        \*\*Containers intact? Yes X No         
 \*\*Sufficient Sample Volume: Yes X No       

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes        No ✓ Init: ABS

Chlorine detected? (One container checked per Field ID) Yes        No        Init: ABS

If "YES", list affected Field IDs and Test IDs below.

| Field ID | List TestID(s) where Chlorine was Detected, an NCR is required. |
|----------|-----------------------------------------------------------------|
|          |                                                                 |
|          |                                                                 |
|          |                                                                 |
|          |                                                                 |

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

\*\*Acid Preserved Samples: pH ≤ 2.0? Yes X No        NA        Init: ABS

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

Coolers Unpacked/Checked by: ABS Date: 11/15/2019 NCRs (Y/N)?       

Event ID: SC I  
SW-DIST-2019-11-15-01 (SMP) NCR #

## Log-in Checklist

### Samples with Incorrect pH Preservation

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

### Additional Comments:

|                                   |                            |
|-----------------------------------|----------------------------|
| <b>Infrared Thermometer ID:</b>   | REC 03 2018 EXP:04/29/2020 |
| <b>pH Test Strips 0 – 6 Lot #</b> | 213316AV EXP:05/15/2020    |
| <b>pH Paper 0 – 3 Lot #</b>       | 220416A EXP:07/30/2020     |
| <b>pH Paper 0 – 13 Lot #</b>      | 215517 exp:jun 1 2020      |
| <b>Chlorine Test Strips Lot #</b> | 8212 2021 / 05             |

### ENCORE SAMPLES

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

Were Encore samples received? Yes \_\_\_\_\_ No **X**

Date and time placed in freezer \_\_\_\_\_

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

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: \_\_\_\_\_

last revised Jan 25, 2018

Ben Paswater

SINROC

|                                         |                                |                             |                                     |                                 |                              |
|-----------------------------------------|--------------------------------|-----------------------------|-------------------------------------|---------------------------------|------------------------------|
| Relinquished By: <u>Ben [Signature]</u> | Date/Time <u>11/14/19 1600</u> | Shipping Method <u>FDEX</u> | Number of Coolers Shipped: <u>1</u> | Received By: <u>[Signature]</u> | Date/Time <u>11-15-19/10</u> |
|-----------------------------------------|--------------------------------|-----------------------------|-------------------------------------|---------------------------------|------------------------------|

|                                                                                    |              |                |                 |               |               |                                     |       |
|------------------------------------------------------------------------------------|--------------|----------------|-----------------|---------------|---------------|-------------------------------------|-------|
| Group: A                                                                           | Bottle Type: | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1     |
| 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: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1     |
| CHLSUITE-W                                                                         |              |                |                 |               |               |                                     |       |
| Group: A                                                                           | Bottle Type: | P-120ML-WC-THI | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1 AEL |
| SW-AEL-ECQ                                                                         |              |                |                 |               |               |                                     |       |
| Group: A                                                                           | Bottle Type: | BG-500ML       | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 1     |
| W-E8321-DI<br>W-E8321-MS                                                           |              |                |                 |               |               |                                     |       |
| Group: A                                                                           | Bottle Type: | P-500ML        | # of Bottles: 1 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab | 1     |
| W-ICP<br>W-ICPMS                                                                   |              |                |                 |               |               |                                     |       |
| Group: A                                                                           | Bottle Type: | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1     |
| W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    |              |                |                 |               |               |                                     |       |
| Group: A                                                                           | Bottle Type: | P-125ML        | # of Bottles: 1 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 1     |
| W-PO4-F                                                                            |              |                |                 |               |               |                                     |       |
| Group: A                                                                           | Bottle Type: | BG-1L          | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 0     |
| W-PSNP-TQ                                                                          |              |                |                 |               |               |                                     |       |
| Group: B                                                                           | Bottle Type: | PT-50ML        | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 0     |
| ALGAL_ID                                                                           |              |                |                 |               |               |                                     |       |
| Group: B                                                                           | Bottle Type: | PJ-2L          | # of Bottles: 2 | Preservative: | Formalin      | Enter Number of Bottles Sent to Lab | 0     |



Advanced  
Environmental Laboratories, Inc.

☒ Tampa: 9810 Princess Palm Ave. • Tampa

Client Name: FDEP SW Dist.  
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637  
Phone: 813-470-5770  
Contact: Judy Ashton 813-470-5772  
Sampled By:  
Turn Around Time: ☒ STANDARD ☐ RUSH

Project Name: SMP  
P.O. Number: B370AE BSA496  
Project Address:  
Special Instructions: RQ-2019-11-11-60\*  
RQ-2019-10-21-05

☐ ADaPT ☐ EQUIS ☐ Other  
NO. COUNT

Page: 1 of 1  
SAMPLE DESCRIPTION

Field IDWIN G2SW0114

Site Name: Lil Alafia below SR60  
RQ-2019-11-11-60

\* G2SW0006  
English Creek  
above SR60  
→ RQ-2019-10-21-05

| Grab<br>Comp | SAMPLING |      | MATRIX | NO.<br>COUNT |
|--------------|----------|------|--------|--------------|
|              | DATE     | TIME |        |              |
|              | 11/14/19 | 1210 | SW     | 1            |
|              | 11/14/19 | 1000 | SW     | 1            |

| BOTTLE<br>SIZE &<br>TYPE | Analysis Required | PRE-<br>SER-<br>VATI-<br>ON | LABORATORY |
|--------------------------|-------------------|-----------------------------|------------|
|                          | E Coli            | ICE                         |            |
|                          |                   | 125mL                       |            |
|                          |                   | 250mL                       |            |

Matrix Code: WW = wastewater SW = surface water GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge  
Received on ice ☒ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank  
Form last revised 04/30/2015 Date: 11/14/19 Time: 1400  
Relinquished by: [Signature]  
Device used for measuring Temp by unique identifier (circle IR temp gun used) ☐ Where required, pH checked  
Preservation Code: I = ice H = (HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiocyanate)  
Temperature when received \_\_\_\_\_ (in degree)  
J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1'  
**FOR DRINKING WATER USE:**  
PWS ID: \_\_\_\_\_

Date of Request: 30-OCT-2019  
 Created By: ASHTON\_J On: 30-OCT-2019  
 Modified By: JASROTIA\_P On: 01-NOV-2019  
 Customer: SW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Southwest District  
 Sampling Event: SCI

**Send Coolers To:**

Phone: 813-470-5772  
 FL Dept. of Environmental Protection  
 13051 N. Telecom Parkway  
 Temple Terrace, FL 33637-0926  
 Attn: Judy Ashton

Program Module Number:

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 01-NOV-2019  
 Biology Request Reviewed By: JASROTIA\_P On: 01-NOV-2019  
 Sampling Kit Required: YES Ship on: 05-NOV-2019  
 Sampling Kit Shipped: YES On: 01-NOV-2019  
 Sampling Kit Packed By: MCCOY\_I  
 Preservatives Needed: NO  
 Date to Receive Samples: 11-NOV-2019  
 Received By: SHAIK\_A On: 15-NOV-2019

**Send Final Report To:**

FL Dept. of Environmental Protection  
 13051 N. Telecom Parkway  
 Temple Terrace, FL 33637-0926  
 Attn: Judy Ashton

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

Comments: Group A: Nutrients, Metals, Tracers, Q-PSNP-TQ  
 Group B: SCI, Algae\_ID

**Packing Notes:****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 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-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 using a maximum of 250 mL of sample                                                  |
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                   |
| Bottle Type: P-120ML-WC-THI | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| SW-AEL-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by AEL in Tampa                                                                              |
| Bottle Type: BG-500ML       | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| W-E8321-DI                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| W-E8321-MS                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| W-ICP                       | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |

Barium  
 Calcium  
 Iron  
 Magnesium

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

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-ICP                | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Potassium            |                      |                                                                                                                                                |
| Sodium               |                      |                                                                                                                                                |
| Zinc                 |                      |                                                                                                                                                |
| W-ICPMS              | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Boron               |                      |                                                                                                                                                |
| Aluminum             |                      |                                                                                                                                                |
| Antimony             |                      |                                                                                                                                                |
| Arsenic              |                      |                                                                                                                                                |
| Cadmium              |                      |                                                                                                                                                |
| Chromium             |                      |                                                                                                                                                |
| Copper               |                      |                                                                                                                                                |
| Lead                 |                      |                                                                                                                                                |
| Nickel               |                      |                                                                                                                                                |
| Selenium             |                      |                                                                                                                                                |
| Silver               |                      |                                                                                                                                                |
| Thallium             |                      |                                                                                                                                                |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| 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: FILTER-ICE                                                               |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |
| Bottle Type: BG-1L   | Number of Bottles: 4 | Preserved With: ICE                                                                      |
| W-PSNP-TQ            | Template: DEFAULT    | (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS       |

**Bottle Group B (Biological) With 1 Samples:**

|                      |                      |                                                                        |
|----------------------|----------------------|------------------------------------------------------------------------|
| Bottle Type: PJ-2L   | Number of Bottles: 2 | Preserved With: Formalin                                               |
| MI-FW-QLDC           | Template: DEFAULT    | (SOP-IZ06) No. Taxa of FW macroinverts, qual samp, 20 dipnets.         |
| Bottle Type: PT-50ML | Number of Bottles: 1 | Preserved With: ICE                                                    |
| ALGAL_ID             | Template: DEFAULT    | (SOP-AB05) Qualitative assessment of algal taxa present without counts |

---

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