

# Log-in Checklist

RQ- 2018-10-08-59

Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 10/02/2018 / 09:42

| Cooler Temperature* | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |          |          |    | Tracking # (fill out only if waybill copy is damaged) |
|---------------------|----------------------------------------|----------|---------------------------------------|---------------|----------|----------|----|-------------------------------------------------------|
|                     | HNO <sub>3</sub>                       | Formalin |                                       | Present?      |          | *Intact? |    |                                                       |
|                     |                                        |          |                                       | Yes           | No       | Yes      | No |                                                       |
| <u>2-9C</u>         |                                        |          | <u>4</u>                              |               | <u>X</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), 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   

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

## 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    No   

**\*\*Sufficient Sample Volume:** Yes X No   

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

| 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-E8321-DI, -MS, -21                                                                                 |     |    | W-NP-AA-SF |     |    |  |
| W-BNA (-625, -R)                                                                                     |     |    | W-PDQUAT   |     |    |  |
| W-CARB-AA (-CAB-AA-R)                                                                                |     |    | W-PCL-SQ-R |     |    |  |
| W-U2060-MS                                                                                           |     |    | W-TR-TQ    |     |    |  |
| W-PCB-R                                                                                              |     |    | W-CT-CI-R  |     |    |  |
| <u>W-PAH (-R)</u>                                                                                    |     |    | W-PSNP-TQ  |     |    |  |

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

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

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

Coolers Unpacked/Checked by: ABS Date: 10/02/2018

NCRs (Y/N)?   

Event ID: SMP Biology  
SO-DIST-2018-10-02-01 (SMP)

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 |
|----------|-------------------|--------------|
|          |                   |              |
|          |                   |              |
|          |                   |              |

### Additional Comments:

|                            |                        |
|----------------------------|------------------------|
| Infrared Thermometer ID:   | REC_03_2018            |
| pH Paper 0.0 – 3.0 Lot #   | 2305 15 EXP:10/30/2018 |
| pH Paper 0 – 13 Lot #      | 222516 EXP:09/15/2019  |
| Chlorine Test Strips Lot # | 7226 EXP:20/20/07      |

### 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: \_\_\_\_\_

SMP Biology

## Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Requester: Maryann Dugan

Field Report Prepared By: N. Reistad

Project ID: SMP

Collected By: Nicole Reistad, Maryann DuganSampling Agency: FLDEP-SROC

|              |                                                             |                                                                                                           |                                                                           |                                         |                                                                            |                                                                      |                              |      |                                  |  |
|--------------|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------|------|----------------------------------|--|
| Location     | Field ID/WIN ID                                             | <br>G1SD0070             | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date | Time                                                                       | Eastern<br>Central                                                   | Composite end<br>Date        | Time | Bottle<br>Group(s)<br>(See pg 2) |  |
| Field ID     | Location                                                    | <br>Manuel Branch @ Park | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen                            | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)                                        |                              |      |                                  |  |
| WIN/STOI     |                                                             |                                                                                                           | Temp<br>(C)                                                               | pH                                      | Sample<br>Depth                                                            | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m | Sp. Conductance<br>(umho/cm) |      |                                  |  |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt)                       | Comments                                                                   |                                                                      |                              |      |                                  |  |
| Location     |                                                             |                                                                                                           | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date | Time                                                                       | Eastern<br>Central                                                   | Composite end<br>Date        | Time | Bottle<br>Group(s)               |  |
| Field ID     |                                                             |                                                                                                           | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen                            | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            | Total Res. Chlorine<br>(mg/L)                                        |                              |      |                                  |  |
| WIN/STORET # |                                                             |                                                                                                           | Temp<br>(C)                                                               | pH                                      | Sample<br>Depth                                                            | <input type="checkbox"/> ft<br><input type="checkbox"/> m            | Sp. Conductance<br>(umho/cm) |      |                                  |  |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt)                       | Comments                                                                   |                                                                      |                              |      |                                  |  |
| Location     |                                                             |                                                                                                           | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date | Time                                                                       | Eastern<br>Central                                                   | Composite end<br>Date        | Time | Bottle<br>Group(s)               |  |
| Field ID     |                                                             |                                                                                                           | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen                            | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            | Total Res. Chlorine<br>(mg/L)                                        |                              |      |                                  |  |
| WIN/STORET # |                                                             |                                                                                                           | Temp<br>(C)                                                               | pH                                      | Sample<br>Depth                                                            | <input type="checkbox"/> ft<br><input type="checkbox"/> m            | Sp. Conductance<br>(umho/cm) |      |                                  |  |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt)                       | Comments                                                                   |                                                                      |                              |      |                                  |  |
| Location     |                                                             |                                                                                                           | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date | Time                                                                       | Eastern<br>Central                                                   | Composite end<br>Date        | Time | Bottle<br>Group(s)               |  |
| Field ID     |                                                             |                                                                                                           | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen                            | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            | Total Res. Chlorine<br>(mg/L)                                        |                              |      |                                  |  |
| WIN/STORET # |                                                             |                                                                                                           | Temp<br>(C)                                                               | pH                                      | Sample<br>Depth                                                            | <input type="checkbox"/> ft<br><input type="checkbox"/> m            | Sp. Conductance<br>(umho/cm) |      |                                  |  |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt)                       | Comments                                                                   |                                                                      |                              |      |                                  |  |
| Location     |                                                             |                                                                                                           | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date | Time                                                                       | Eastern<br>Central                                                   | Composite end<br>Date        | Time | Bottle<br>Group(s)               |  |
| Field ID     |                                                             |                                                                                                           | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen                            | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            | Total Res. Chlorine<br>(mg/L)                                        |                              |      |                                  |  |
| WIN/STORET # |                                                             |                                                                                                           | Temp<br>(C)                                                               | pH                                      | Sample<br>Depth                                                            | <input type="checkbox"/> ft<br><input type="checkbox"/> m            | Sp. Conductance<br>(umho/cm) |      |                                  |  |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt)                       | Comments                                                                   |                                                                      |                              |      |                                  |  |

|                       |                        |                 |                            |              |           |
|-----------------------|------------------------|-----------------|----------------------------|--------------|-----------|
| Relinquished By:      | Date/Time              | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time |
| <u>Nicole Reistad</u> | <u>10/01/2018 1135</u> | <u>FedEx</u>    | <u>1</u>                   |              |           |

|          |              |         |                  |               |               |                                     |   |
|----------|--------------|---------|------------------|---------------|---------------|-------------------------------------|---|
| 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: | 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: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 1 |
|          | W-PO4-F      |         |                  |               |               |                                     |   |

Lot # SA8101020  
Exp. 04/11/19

Date of Request: 24-SEP-2018  
 Created By: DUGAN\_M On: 24-SEP-2018  
 Modified By: WATTS\_J On: 25-SEP-2018  
 Customer: SO-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: South District  
 Sampling Event: SMP Biology

**Send Coolers To:**

Phone: 239-344-5610  
 FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901-3381  
 Attn: Maryann Dugan

**Send Final Report To:**

FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901-3381  
 Attn: Maryann Dugan

Program Module Number:  
 Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 25-SEP-2018  
 Biology Request Reviewed By: WATTS\_J On: 25-SEP-2018  
 Sampling Kit Required: YES Ship on: 28-SEP-2018  
 Sampling Kit Shipped: YES On: 26-SEP-2018  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: YES  
 Date to Receive Samples: 08-OCT-2018  
 Received By: SHAIK\_A On: 02-OCT-2018

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

Comments: Group A: Freshwater Kit, No Metals

- 1 - case of sulfuric acid
- 2 - sets of sulfuric acid labels

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

|                                   |                              |                                                                                                              |
|-----------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Bottle Type: P-1L</b>          | <b>Number of Bottles: 10</b> | <b>Preserved With: ICE</b>                                                                                   |
| 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 using a maximum of 250 mL of sample                |
| <b>Bottle Type: BP-1L</b>         | <b>Number of Bottles: 10</b> | <b>Preserved With: ICE</b>                                                                                   |
| CHLSUITE-W                        | Template: DEFAULT            | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| <b>Bottle Type: P-500ML</b>       | <b>Number of Bottles: 10</b> | <b>Preserved With: ICE And H<sub>2</sub>SO<sub>4</sub></b>                                                   |
| 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                                               |
| <b>Bottle Type: P-125ML</b>       | <b>Number of Bottles: 10</b> | <b>Preserved With: FILTER-ICE</b>                                                                            |
| 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                     |

Cooler Packing Worksheet for Request: RQ-2018-10-08-59

SMP Biology

Ship Cooler On: 9/28/2018

Customer/Project: SO-DIST/SMP

Assigned To: REYNOLDS\_T

Requester: Maryann Dugan

Priority: 3

239-344-5610  
FLDEP South District Office  
2295 Victoria Ave. Suite 364  
Fort Myers, FL 33901-3381  
  
Attn: Maryann Dugan

Comments:

Group A: Freshwater Kit, No Metals

- 1 - case of sulfuric acid
- 2 - sets of sulfuric acid labels

Requested Analyses:

Bottle Group: A

# of Sites: 10

Container ID: P-1L

Qty: 10 Preservation: ICE

Lot # 00071991

Description: Plastic Bottle 1L

Analysis

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

Description

Alkalinity in aqueous matrices as mg CaCO3/L  
Turbidity in aqueous matrices  
Chloride in aqueous matrices  
True Color measured at 450 nm  
Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)  
Sulfate in aqueous matrices  
Total Dissolved Solids in aqueous matrices  
Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 10 Preservation: ICE

Lot # 4745081

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-500ML

Qty: 10 Preservation: ICE And H2SO4

Lot # 00071869

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 10 Preservation: FILTER-ICE

Lot # 00070886

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: Tyler R.

Number of Coolers: 3

Date: 09/26/18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☒ Acid Labels (sets of 24)

If Preservation Included:

|                         |                     |                      |
|-------------------------|---------------------|----------------------|
| ID <u>sulfuric acid</u> | Exp <u>07/16/19</u> | Lot # <u>8197090</u> |
| ID _____                | Exp _____           | Lot # _____          |
| ID _____                | Exp _____           | Lot # _____          |
| ID _____                | Exp _____           | Lot # _____          |
| ID _____                | Exp _____           | Lot # _____          |

**PLEASE RETURN ALL COOLERS FOR RQ-2018-10-08-59**

ORIGIN 10-TLHA (239) 344-5610  
MARYANN DUGAN  
FED SOUTH DISTRICT OFFICE  
2295 VICTORIA AVE SUITE 364  
FORT MYERS, FL 33901  
UNITED STATES US

SHIP DATE: 289-  
ACTIVITY NO. 00  
CND: 000887

TO JOHN WATTS

FLORIDA DEP/CHEMIS  
2600 BLAIRSTONE RD

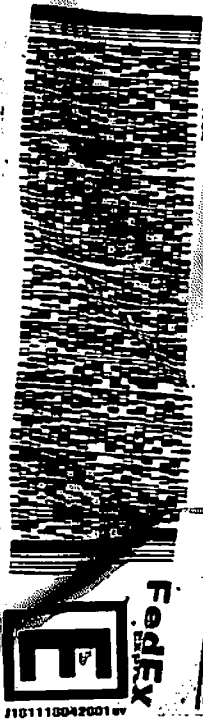
TALLAHASSEE FL 32399

(850) 246-8877

9271

RNA: 01/11/10

BPOL



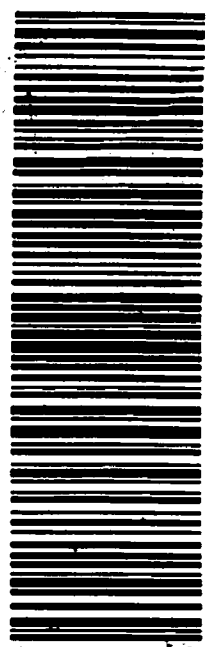
FedEx

TRK 4385 5034 0601

TUE - 02 OCT 10:3  
PRIORITY OVERNIG

XH TLHA

323  
FL-UB TI



Part # 156148-434 RIT EXP 07/19 ::