



## ENVIRONMENTAL PROTECTION DEPARTMENT

408 W. University Ave. Suite 106 Gainesville, FL 32601  
352-264-6800

Reviewed By: GAO

Date: 6/26/18

Data Entered By: Natalie Volk

Date: 6/28/18

## SURFACE WATER SAMPLING FIELD LOG SHEET

June 2017

GINE0902

|                          |                                                                                               |                                              |                                       |              |
|--------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------|---------------------------------------|--------------|
| Sample Info              | Station ID: Tum441                                                                            | Sample Sequence Number: ①                    | Sample Date: 6/13/18                  |              |
|                          | Project Name: OCB1806                                                                         |                                              | Collection Time: 0900                 |              |
|                          | Location Description: Tumblin DS of 441                                                       |                                              |                                       |              |
|                          | Sampler: G Owen                                                                               | Sampler: N Volk                              |                                       |              |
| Weather                  | Ambient: hot, sunny                                                                           |                                              | Air Temperature: 26 °C                |              |
|                          | Last 7 Days: 1.07" in past 7 days 0.68" in past 48 hours                                      |                                              |                                       |              |
| Field Water Quality Data | Sample Type (circle): <u>Grab</u>                                                             | Composite                                    | Sample Method (circle): <u>Direct</u> | Intermediate |
|                          | Sample Collection Equipment (circle): <u>Containers</u>                                       |                                              | Grab Pole                             | Clips for FC |
|                          | If Intermediate, Describe: —                                                                  |                                              |                                       |              |
|                          | Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> |                                              | <u>Downstream</u>                     |              |
|                          | Distance: 20 (ft)                                                                             | Structure description: gauge                 |                                       |              |
|                          | Sample Depth (from surface): 0.2 (ft)                                                         | Total Water Depth at Sample Point: 0.46 (ft) |                                       |              |
|                          | SECCHI (from surface): 0.25 (ft)                                                              | Total Water Depth at SECCHI point: 0.2 (ft)  |                                       |              |
|                          | Staff Gauge: *bent, halfway to falling over                                                   |                                              |                                       |              |
|                          | Field Meters: <u>YSI Pro Plus</u> (pH, Cond, DO, and Temp);                                   |                                              | Hach 2100P Turbidity (circle)         | #5 <u>#6</u> |
|                          | Water Temperature                                                                             | 24.6                                         | C°                                    |              |
|                          | Dissolved Oxygen                                                                              | 108                                          | %                                     |              |
|                          | Dissolved Oxygen                                                                              | 9.04                                         | mg/L                                  |              |
|                          | Specific Conductance                                                                          | 343                                          | μS/cm                                 |              |
|                          | pH                                                                                            | 7.68                                         | S.U.                                  |              |
|                          | Turbidity                                                                                     | 2.02                                         | NTU                                   |              |
| Sediment Sample Data     | Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> |                                              | <u>Downstream</u>                     |              |
|                          | Distance: (ft)                                                                                | Structure description:                       |                                       |              |
|                          | Sample Site Description: (near bank, etc)                                                     |                                              |                                       |              |
|                          | Sample Time:                                                                                  | Sample Method:                               |                                       |              |
|                          | Sample Depth: (ft)                                                                            | Sample Color:                                |                                       |              |
|                          | Sediment Odors:                                                                               | Sample Texture:                              |                                       |              |
| QA/QC Data               | QA Samples Collected (Description, Field ID, and Time): NA                                    |                                              |                                       |              |
|                          | pH of Preserved Samples: Nutrients= <2 Metals= <2                                             |                                              |                                       |              |
|                          | Laboratory(s): <u>AEL Test America</u>                                                        |                                              |                                       |              |
|                          | Laboratory(s) Delivery: <u>Hand Delivered</u> or Shipped Time= Date=                          |                                              |                                       |              |
|                          | Field Comments: Staff gauge damaged, bent out of place                                        |                                              |                                       |              |
| Visitors on Site:        |                                                                                               |                                              |                                       |              |

# SURFACE WATER FIELD DATA SHEET - Page 2

|                  |                                                                                                                                                       |               |                                       |                          |               |                      |                          |               |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------------|--------------------------|---------------|----------------------|--------------------------|---------------|
| Stream Flow Data | ACEPD ID: <u>Tum441</u>                                                                                                                               |               |                                       |                          |               | Date: <u>6/13/18</u> |                          |               |
|                  | Location of stream cross section relative to permanent structure: (circle) <u>NA</u> <b>Upstream</b> <b>Downstream</b>                                |               |                                       |                          |               |                      |                          |               |
|                  | Distance: <u>      </u> (ft)                                                                                                                          |               | Structure description: <u>      </u>  |                          |               |                      |                          |               |
|                  | Direction of flow: <u>East</u>                                                                                                                        |               | Flow Meter: <b>SonTek FlowTracker</b> |                          |               |                      |                          |               |
|                  | If flow is not measured circle one: <b>Too low</b> <b>Unsafe Conditions</b> <b>SJRWMD gauge</b> <b>ACEPD gauge</b> <u>city of gamesville reporter</u> |               |                                       |                          |               |                      |                          |               |
|                  | Gauged Stream Flow: <u>Not Measured</u> (cubic feet/second)                                                                                           |               |                                       |                          |               |                      |                          |               |
|                  | Station<br>ft m (circle)                                                                                                                              | Depth<br>(ft) | Velocity<br>(ft/s)                    | Station<br>ft m (circle) | Depth<br>(ft) | Velocity<br>(ft/s)   | Station<br>ft m (circle) | Depth<br>(ft) |
|                  |                                                                                                                                                       |               |                                       |                          |               |                      |                          |               |
|                  |                                                                                                                                                       |               |                                       |                          |               |                      |                          |               |
|                  |                                                                                                                                                       |               |                                       |                          |               |                      |                          |               |
|                  |                                                                                                                                                       |               |                                       |                          |               |                      |                          |               |

|                                                  |
|--------------------------------------------------|
| Stream Bank Description: <u>concrete channel</u> |
|                                                  |
| Stream Bottom Description: <u>concrete</u>       |
|                                                  |

|                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------|
| Pictures of: Station <input type="checkbox"/> Upstream <input checked="" type="checkbox"/> Downstream <input checked="" type="checkbox"/> |
|-------------------------------------------------------------------------------------------------------------------------------------------|

|             |                                                                                                                                                                      |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Site Sketch | <p>The sketch shows a stream channel flowing from left to right. A road crosses the stream. A building is located near the road. A north arrow points downwards.</p> |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|