

Date of Request: 04-APR-2016  
 Created By: KING\_M On: 04-APR-2016  
 Modified By: SWANSON\_C On: 05-APR-2016  
 Customer: NW-DIST  
 Project: SMP  
 Division:  
 District: Northwest District  
 Sampling Event: WBID 160 30G30

**Send Coolers To:**

Phone: SC-695-0605  
 160 W Government St  
 Suite 208A  
 Pensacola, FL 32502-5794  
 Attn: Michael King

Program Module Number: 1306  
 Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 05-APR-2016  
 Biology Request Reviewed By: SWANSON\_C On: 05-APR-2016  
 Sampling Kit Required: YES Ship on: 15-APR-2016  
 Sampling Kit Shipped: YES On: 15-APR-2016  
 Sampling Kit Packed By: WHITE\_R  
 Preservatives Needed: NO  
 Date to Receive Samples: 18-APR-2016  
 Received By: SHAIK\_A On: 20-APR-2016

**Send Final Report To:**

160 W Government St  
 Suite 208A  
 Pensacola, FL 32502-5794  
 Attn: Michael King

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

Comments:

**Bottle Group A (Water) With 4 Samples:**

|                                 |                      |                                                                                                                    |
|---------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L               | Number of Bottles: 4 | Preserved With: ICE                                                                                                |
| ALKALINITY                      | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L                                                        |
| Total Alkalinity                |                      |                                                                                                                    |
| TURBIDITY                       | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                 |
| Turbidity                       |                      |                                                                                                                    |
| W-CL-IC                         | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                  |
| Chloride                        |                      |                                                                                                                    |
| 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)               |
| Fluoride                        |                      |                                                                                                                    |
| W-SO4-IC                        | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                   |
| Sulfate                         |                      |                                                                                                                    |
| W-TDS                           | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                                          |
| TDS                             |                      |                                                                                                                    |
| W-TSS                           | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices                                                          |
| TSS                             |                      |                                                                                                                    |
| Bottle Type: P-1L               | Number of Bottles: 4 | Preserved With: ICE                                                                                                |
| BOD-UNIN                        | Template: DEFAULT    | (SM 5210 B) BOD, NOT nitrogen-inhibited                                                                            |
| Biochemical Oxygen Demand-5 Day |                      |                                                                                                                    |
| Bottle Type: BP-1L              | Number of Bottles: 4 | Preserved With: ICE                                                                                                |
| CHLSUITE-W                      | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry |
| Chlorophyll/Phaeophytin Ratio   |                      |                                                                                                                    |
| Chlorophyll-a, Corrected        |                      |                                                                                                                    |
| Chlorophyll-a, Uncorrected      |                      |                                                                                                                    |
| Phaeophytin-a                   |                      |                                                                                                                    |
| Bottle Type: P-500ML            | Number of Bottles: 4 | Preserved With: HNO3                                                                                               |

**Bottle Group A (Water) With 4 Samples:**

|                      |                              |                                                                                                                                                |
|----------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 4         | Preserved With: HNO3                                                                                                                           |
| W-ICP                | Template: <del>DEFAULT</del> | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Calcium              |                              |                                                                                                                                                |
| Chromium             |                              |                                                                                                                                                |
| Iron                 |                              |                                                                                                                                                |
| Magnesium            |                              |                                                                                                                                                |
| Nickel               |                              |                                                                                                                                                |
| Potassium            |                              |                                                                                                                                                |
| Sodium               |                              |                                                                                                                                                |
| Zinc                 |                              |                                                                                                                                                |
| W-ICPMS              | Template: <del>DEFAULT</del> | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| Arsenic              |                              |                                                                                                                                                |
| Cadmium              |                              |                                                                                                                                                |
| Copper               |                              |                                                                                                                                                |
| Lead                 |                              |                                                                                                                                                |
| Silver               |                              |                                                                                                                                                |
| Bottle Type: P-500ML | Number of Bottles: 4         | Preserved With: ICE And H2SO4                                                                                                                  |
| W-NH3                | Template: DEFAULT            | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                                                     |
| Ammonia-N            |                              |                                                                                                                                                |
| W-NO2NO3             | Template: DEFAULT            | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                                                             |
| NO2NO3-N             |                              |                                                                                                                                                |
| W-S-A-TP             | Template: DEFAULT            | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                                                            |
| Total-P              |                              |                                                                                                                                                |
| W-TKN                | Template: DEFAULT            | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                                                               |
| Kjeldahl Nitrogen    |                              |                                                                                                                                                |
| W-TOC                | Template: DEFAULT            | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                                                                                 |
| Organic Carbon       |                              |                                                                                                                                                |
| Bottle Type: P-125ML | Number of Bottles: 4         | 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                                                       |
| O-Phosphate-P        |                              |                                                                                                                                                |

**Bottle Group B (Water) With 7 Samples:**

|                      |                      |                                                                                                      |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 7 | Preserved With: ICE And H2SO4                                                                        |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                           |
| Ammonia-N            |                      |                                                                                                      |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                   |
| NO2NO3-N             |                      |                                                                                                      |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                  |
| Total-P              |                      |                                                                                                      |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                     |
| Kjeldahl Nitrogen    |                      |                                                                                                      |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                                       |
| Organic Carbon       |                      |                                                                                                      |
| Bottle Type: P-125ML | Number of Bottles: 7 | 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             |
| O-Phosphate-P        |                      |                                                                                                      |
| Bottle Type: P-1L    | Number of Bottles: 7 | Preserved With: ICE                                                                                  |
| ALKALINITY           | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L                                          |
| Total Alkalinity     |                      |                                                                                                      |
| TURBIDITY            | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                   |
| Turbidity            |                      |                                                                                                      |
| W-CL-IC              | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                    |
| Chloride             |                      |                                                                                                      |
| 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) |
| Fluoride             |                      |                                                                                                      |
| W-SO4-IC             | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                     |
| Sulfate              |                      |                                                                                                      |

**Bottle Group B (Water) With 7 Samples:**

|                                 |                      |                                                                                                                    |
|---------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L               | Number of Bottles: 7 | Preserved With: ICE                                                                                                |
| W-TDS                           | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                                          |
| TDS                             |                      |                                                                                                                    |
| W-TSS                           | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices                                                          |
| TSS                             |                      |                                                                                                                    |
| Bottle Type: P-1L               | Number of Bottles: 7 | Preserved With: ICE                                                                                                |
| BOD-UNIN                        | Template: DEFAULT    | (SM 5210 B) BOD, NOT nitrogen-inhibited                                                                            |
| Biochemical Oxygen Demand-5 Day |                      |                                                                                                                    |
| Bottle Type: BP-1L              | Number of Bottles: 7 | Preserved With: ICE                                                                                                |
| CHLSUITE-W                      | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry |
| Chlorophyll/Phaeophytin Ratio   |                      |                                                                                                                    |
| Chlorophyll-a, Corrected        |                      |                                                                                                                    |
| Chlorophyll-a, Uncorrected      |                      |                                                                                                                    |
| Phaeophytin-a                   |                      |                                                                                                                    |