

**Customer: NW-DIST**

**Project ID: BMAP**

Requester: Cheryl Bunch

Collected By:

Field Report Prepared By:

Sampling Agency:

[illegible]

|                                |                             |                           |                                 |                                  |                             |
|--------------------------------|-----------------------------|---------------------------|---------------------------------|----------------------------------|-----------------------------|
| Relinquished By:<br><i>ADM</i> | Date/Time<br>4/17.2017 1518 | Shipping Method<br>Fed Ex | Number of Coolers Shipped:<br>2 | Received By:<br><i>Tyler Rye</i> | Date/Time<br>04/18/17 9:50a |
|--------------------------------|-----------------------------|---------------------------|---------------------------------|----------------------------------|-----------------------------|

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|          |              |       |                 |               |     |                                           |
|----------|--------------|-------|-----------------|---------------|-----|-------------------------------------------|
| Group: A | Bottle Type: | BP-1L | # of Bottles: 4 | Preservative: | ICE | Enter Number of Bottles Sent to Lab _____ |
|----------|--------------|-------|-----------------|---------------|-----|-------------------------------------------|

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CHLSUITE-W

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|          |              |                    |                 |               |     |                                           |
|----------|--------------|--------------------|-----------------|---------------|-----|-------------------------------------------|
| Group: A | Bottle Type: | TEST HAS NO BOTTLE | # of Bottles: 4 | Preservative: | ICE | Enter Number of Bottles Sent to Lab _____ |
|----------|--------------|--------------------|-----------------|---------------|-----|-------------------------------------------|

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NW-UWF-ENQ

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

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TURBIDITY

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|          |              |         |                 |               |               |                                           |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------------|
| Group: A | Bottle Type: | P-500ML | # of Bottles: 4 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab _____ |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------------|

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

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|          |              |       |                 |               |     |                                           |
|----------|--------------|-------|-----------------|---------------|-----|-------------------------------------------|
| Group: B | Bottle Type: | BP-1L | # of Bottles: 3 | Preservative: | ICE | Enter Number of Bottles Sent to Lab _____ |
|----------|--------------|-------|-----------------|---------------|-----|-------------------------------------------|

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CHLSUITE-W

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|          |              |                    |                 |               |     |                                           |
|----------|--------------|--------------------|-----------------|---------------|-----|-------------------------------------------|
| Group: B | Bottle Type: | TEST HAS NO BOTTLE | # of Bottles: 3 | Preservative: | ICE | Enter Number of Bottles Sent to Lab _____ |
|----------|--------------|--------------------|-----------------|---------------|-----|-------------------------------------------|

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NW-UWF-ECQ

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|          |              |         |                 |               |     |                                           |
|----------|--------------|---------|-----------------|---------------|-----|-------------------------------------------|
| Group: B | Bottle Type: | P-250ML | # of Bottles: 3 | Preservative: | ICE | Enter Number of Bottles Sent to Lab _____ |
|----------|--------------|---------|-----------------|---------------|-----|-------------------------------------------|

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TURBIDITY

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|          |              |         |                 |               |               |                                           |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------------|
| Group: B | Bottle Type: | P-500ML | # of Bottles: 3 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab _____ |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------------|

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

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# Florida Department of Environmental Protection

## Central Laboratory Submittal Form

Customer: NW-DIST

Project ID: BMAP

Requester: Cheryl Bunch

Collected By: D. Morton

Field Report Prepared By: D. Morton

Sampling Agency: Escambia County

|          |                                                   |                                                                           |  |                                              |  |                                                                            |  |                                  |  |                               |  |
|----------|---------------------------------------------------|---------------------------------------------------------------------------|--|----------------------------------------------|--|----------------------------------------------------------------------------|--|----------------------------------|--|-------------------------------|--|
| Location |                                                   | <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 Group(s)<br>(See pg 2) |  |
| Field ID | Jackson Creek at New Warrington Road              | 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)    |  | A                             |  |
| STORE    | RQ-2017-03-27-23<br>Date: 9.17.2017<br>Time: 1205 | Temp (C) 26.5                                                             |  | pH 6.7                                       |  | Sample Depth 0.2                                                           |  | Sp. Conductance (umho/cm) 125    |  |                               |  |
| Latitude | 33020222                                          | Salinity (ppt) 0.1                                                        |  | Comments                                     |  | Veg. recently cut                                                          |  |                                  |  |                               |  |
| Location |                                                   | <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 Group(s)               |  |
| Field ID | Bayou Chico at Navy Blvd Bridge                   | 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)    |  | A                             |  |
| STORE    | RQ-2017-03-27-23<br>Date: 4.17.2017<br>Time: 1410 | Temp (C) 27.6                                                             |  | pH 6.5                                       |  | Sample Depth 0.2                                                           |  | Sp. Conductance (umho/cm) 14,538 |  |                               |  |
| Latitude | 3302JE20                                          | Salinity (ppt) 8.6                                                        |  | Comments                                     |  |                                                                            |  |                                  |  |                               |  |
| Location |                                                   | <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 Group(s)               |  |
| Field ID | Bayou Chico at W Street                           | 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)    |  | A                             |  |
| STORE    | RQ-2017-03-27-23<br>Date: 4.17.2017<br>Time: 1440 | Temp (C) 27.0                                                             |  | pH 6.5                                       |  | Sample Depth 0.2                                                           |  | Sp. Conductance (umho/cm) 10,278 |  |                               |  |
| Latitude | 3302JF1                                           | Salinity (ppt) 5.9                                                        |  | 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 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)    |  |                               |  |
| STORE #  |                                                   | Temp (C)                                                                  |  | pH                                           |  | Sample Depth                                                               |  | Sp. Conductance (umho/cm)        |  |                               |  |
| Latitude |                                                   | Salinity (ppt)                                                            |  | Comments                                     |  |                                                                            |  |                                  |  |                               |  |

|                      |                           |                         |                              |                          |                            |
|----------------------|---------------------------|-------------------------|------------------------------|--------------------------|----------------------------|
| Relinquished By: RDM | Date/Time: 4.17.2017 1518 | Shipping Method: Fed Ex | Number of Coolers Shipped: 2 | Received By: [Signature] | Date/Time: 04/18/17 09:10a |
|----------------------|---------------------------|-------------------------|------------------------------|--------------------------|----------------------------|

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|            |              |       |                 |               |     |                                           |
|------------|--------------|-------|-----------------|---------------|-----|-------------------------------------------|
| Group: A   | Bottle Type: | BP-1L | # of Bottles: 4 | Preservative: | ICE | Enter Number of Bottles Sent to Lab _____ |
| CHLSUITE-W |              |       |                 |               |     |                                           |

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|            |              |                    |                 |               |     |                                           |
|------------|--------------|--------------------|-----------------|---------------|-----|-------------------------------------------|
| Group: A   | Bottle Type: | TEST HAS NO BOTTLE | # of Bottles: 4 | Preservative: | ICE | Enter Number of Bottles Sent to Lab _____ |
| NW-UWF-ENQ |              |                    |                 |               |     |                                           |

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

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|          |              |         |                 |               |               |                                           |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------------|
| Group: A | Bottle Type: | P-500ML | # of Bottles: 4 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab _____ |
| W-NH3    |              |         |                 |               |               |                                           |
| W-NO2NO3 |              |         |                 |               |               |                                           |
| W-S-A-TP |              |         |                 |               |               |                                           |
| W-TKN    |              |         |                 |               |               |                                           |

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|            |              |       |                 |               |     |                                           |
|------------|--------------|-------|-----------------|---------------|-----|-------------------------------------------|
| Group: B   | Bottle Type: | BP-1L | # of Bottles: 3 | Preservative: | ICE | Enter Number of Bottles Sent to Lab _____ |
| CHLSUITE-W |              |       |                 |               |     |                                           |

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|            |              |                    |                 |               |     |                                           |
|------------|--------------|--------------------|-----------------|---------------|-----|-------------------------------------------|
| Group: B   | Bottle Type: | TEST HAS NO BOTTLE | # of Bottles: 3 | Preservative: | ICE | Enter Number of Bottles Sent to Lab _____ |
| NW-UWF-ECQ |              |                    |                 |               |     |                                           |

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|           |              |         |                 |               |     |                                           |
|-----------|--------------|---------|-----------------|---------------|-----|-------------------------------------------|
| Group: B  | Bottle Type: | P-250ML | # of Bottles: 3 | Preservative: | ICE | Enter Number of Bottles Sent to Lab _____ |
| TURBIDITY |              |         |                 |               |     |                                           |

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|          |              |         |                 |               |               |                                           |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------------|
| Group: B | Bottle Type: | P-500ML | # of Bottles: 3 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab _____ |
| W-NH3    |              |         |                 |               |               |                                           |
| W-NO2NO3 |              |         |                 |               |               |                                           |
| W-S-A-TP |              |         |                 |               |               |                                           |
| W-TKN    |              |         |                 |               |               |                                           |

Printed: 4/18/2017 10:45:35 AM

Page 1 of 1

Date of Request: 02-MAR-2017  
 Created By: BUNCH\_CA On: 02-MAR-2017  
 Modified By: MATTHEWS\_D On: 14-MAR-2017  
 Customer: NW-DIST  
 Project: BMAP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northwest District  
 Sampling Event: Bayou Chico BMAP

**Send Coolers To:**

Phone: 850-595-8300  
 160 Government Center  
 Suite 308  
 Pensacola, FL 32502-5794  
 Attn: Cheryl Bunch

**Program Module Number:**

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 10-MAR-2017  
 Biology Request Reviewed By: MATTHEWS\_D On: 14-MAR-2017  
 Sampling Kit Required: YES Ship on: 16-MAR-2017  
 Sampling Kit Shipped: YES On: 16-MAR-2017  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: NO  
 Date to Receive Samples: 17-APR-2017  
 Received By:

**Send Final Report To:**

160 Government Center  
 Suite 308  
 Pensacola, FL 32502-5794  
 Attn: Cheryl Bunch

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: 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  
 Bottle Type: TEST HAS NO Number of Bottles: 4 Preserved With: ICE  
 NW-UWF-ENQ Template: DEFAULT (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method by UWF Overflow Laboratory for NWD  
 Bottle Type: P-250ML Number of Bottles: 4 Preserved With: ICE  
 TURBIDITY Template: DEFAULT (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices  
 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  
 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

**Bottle Group B (Water) With 3 Samples:**

Bottle Type: BP-1L Number of Bottles: 3 Preserved With: ICE  
 CHLSUITE-W Template: DEFAULT (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry  
 Bottle Type: TEST HAS NO Number of Bottles: 3 Preserved With: ICE  
 NW-UWF-ECQ Template: DEFAULT (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by UWF Overflow Laboratory for NWD  
 Bottle Type: P-250ML Number of Bottles: 3 Preserved With: ICE  
 TURBIDITY Template: DEFAULT (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices  
 Bottle Type: P-500ML Number of Bottles: 3 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

RQ- 2017-03-27-23

## Log-in Checklist

Shipping Method: FedEx

Date/Time of Receipt: 04/18/17 @ 9:50 am

| Cooler ID | Cooler Temperature* | No. Sample Containers in Cooler | Evidence Tape |    |          |    | Tracking # (fill out only if waybill copy is damaged) |
|-----------|---------------------|---------------------------------|---------------|----|----------|----|-------------------------------------------------------|
|           |                     |                                 | Present?      |    | *Intact? |    |                                                       |
|           |                     |                                 | Yes           | No | Yes      | No |                                                       |
| Red       | -0.3                | 9                               |               | ✓  |          |    | 811171117643                                          |
| Red       | 2.1                 | 12                              |               | ✓  |          |    | 811171117654                                          |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |

\*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

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

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

## CONTAINER CHECK

**\*\*Evidence Tape on Bottles?** Yes ☐ No ☒ If yes, is it intact? Yes ☐ No ☐

**\*\*Caps on tight?** Yes ☒ No ☐ **\*\*Containers intact?** Yes ☒ No ☐

**\*\*Sufficient Sample Volume:** Yes ☒ No ☐

## CHLORINE CHECK (Blue dot on container)

| Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required. |     |    |               |     |    |
|------------------------------------------------------------------------------------------------------|-----|----|---------------|-----|----|
| Analysis                                                                                             | Yes | No | Analysis      | Yes | No |
| W-1,4 DIOX                                                                                           |     |    | W-PC-AA-SF    |     |    |
| W-AHERB-AA (-AHB-AA-R)                                                                               |     |    | W-PCL-SQ (-R) |     |    |
| W-BNA (-625, -R)                                                                                     |     |    | W-PDQUAT      |     |    |
| W-CARB-AA (-CAB-AA-R)                                                                                |     |    | W-PESTNP-R    |     |    |
| W-ENDO-AA                                                                                            |     |    | W-PSCL-TQ     |     |    |
| W-GLYPH                                                                                              |     |    | W-PSNP-TQ     |     |    |
| W-NP-AA-SF                                                                                           |     |    | W-PST-CL-R    |     |    |
| W-PAH (-R)                                                                                           |     |    | W-TR-TQ       |     |    |
| W-PCB-R                                                                                              |     |    | W-CT-Cl-R     |     |    |

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

**\*\*Acid Preserved Samples:** pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: JK

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

Coolers Unpacked/Checked by: JK Date: 04/18/17 NCRs (Y/N)? N

Event ID: NW-DIST-2017-04-18-01 NCR #

## Log-in Checklist

### Samples with Incorrect pH Preservation or presence of Chlorine

| Field ID | Bottle Test ID(s) | pH / Cl | Action Taken |
|----------|-------------------|---------|--------------|
|          |                   |         |              |
|          |                   |         |              |
|          |                   |         |              |
|          |                   |         |              |

### Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

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

### Bottles Not Intact

| Field ID | Bottle Test ID(s) | Loose Cap | Damaged Cap |    | Damaged Container |    | Evidence Tape Not Intact |
|----------|-------------------|-----------|-------------|----|-------------------|----|--------------------------|
|          |                   |           | CK          | BR | CK                | BR |                          |
|          |                   |           |             |    |                   |    |                          |
|          |                   |           |             |    |                   |    |                          |
|          |                   |           |             |    |                   |    |                          |

### Samples with Insufficient Volume for Analyses

| Field ID | Bottle Test ID(s) | Action Taken |
|----------|-------------------|--------------|
|          |                   |              |
|          |                   |              |
|          |                   |              |
|          |                   |              |

## ENCORE SAMPLES

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

Were Encore samples received? Yes \_\_\_\_\_ No ✓

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

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

If no, were samples shipped on dry ice? Yes \_\_\_\_\_ No \_\_\_\_\_

**FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF; W-HG-AF-F):**

Samples preserved within 48 hours? Yes \_\_\_\_\_ No \_\_\_\_\_

Date and time samples preserved: \_\_\_\_\_

**Additional Comments:**