# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
# STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified? Yes / No

**WIN Station Name:** Trout River @ Old Kings Rd **Date:** 4/19/2018 (mm/dd/yyyy)

**WIN/ Field ID:** 20030753 **WBID:** 2203 **Latitude:** 30.421277 (Decimal Degrees)

**County:** Duval **ORG ID:** 21FLA **Longitude:** -81.685833 (Decimal Degrees)

**Receiving Body of Water:** SJR **RQ-2018-** 04-16-44

| Sampling Team Members | WQ Measurements | Sample Collection | Documentation | Preservation | Preservation Check |
|---|---|---|---|---|---|
| J Ramsh | | X | X | X | X |
| P OConnor | X | X | X | X | |
| | | | | | |

**Sampling Equipment**
- [X] Sample Container [ ] Van Dorn [X] Pole
- [ ] Carboy [ ] Syringe
- [ ] Dipper [ ] Other
- Depth Measured with YSI ProDSS
- Equipment ID Ortho #3

**Collection Method**
- [ ] Wading [ ] Canoe/Kayak
- [X] From Shore [ ] Electric Motor
- [ ] Other [ ] Gasoline Motor

**Water Level:** Dry/ Pooled/ Low / (Normal) / High / Flooded **Meter ID#** YSI ProDSS **Matrix:** (Fresh) / Marine / DI

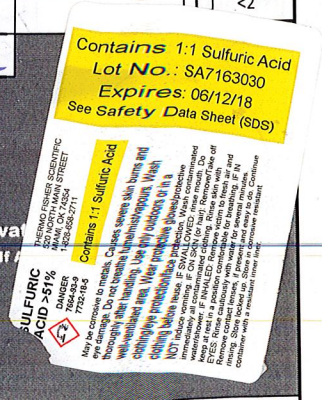
**Photos:** Yes / (No) **Flow:** No Flow / Interstitial / (Flowing) / NA **Tide:** Rising/ Falling/ Slack/ (NA) **Tide Times:** High Low

| Time Zone | Time | Total Depth (m) | Sample Depth (m) | Secchi Disk (m) | DO (mg/L) | DO (%SAT) | pH | Salinity (PPTh) | Sp COND (µmhos/cm) | Temp. (C⁰) |
|---|---|---|---|---|---|---|---|---|---|---|
| EST | 0945 | 0.5 | 0.3 | 0.55 | 6.9 | 73.7 | 7.0 | 0.06 | 135 | 18.5 |
| CEN | | | | | | | | | | |

**Biological Samples Collected:** (None) HA SCI RPS Algae ID LVS LVI Other:

**SBIO ID Numbers:** SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:

| Parameter Suite | Parameter Methods | Preservation | Lot# | Expiration | pH Check |
|---|---|---|---|---|---|
| Preserved Nutrients | [X] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP | [ ] Ice [ ] $H_2SO_4$ | SA7163030 | 06-12-18 | [X] <2 |
| Metals | [ ] W-ICPMS [ ] W-ICP | [ ] Ice [ ] $HNO_3$ | | | [ ] <2 |
| Filtered Nutrients | [X] W-PO4-F [X] Field Filtered 0.45 µm Filter | [X] Ice | R7EA1252 | | |
| Chlorophyll | [X] CHLSUITE-W | [X] Ice | | | |
| Physical/Aggregate (Fresh) | [X] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS | [X] Ice | | | |
| Physical/Aggregate (Marine) | [ ] Alkalinity / W-F / W-TSS / TURBIDITY | [ ] Ice | | | |
| Macroinvertebrates | [ ] MI-FW-QLDC | [ ] Formalin | | | |
| Periphyton | [ ] ALGAE-ID | [ ] Ice | | | |
| Microbiology | [X] E Coli [ ] F Coli [ ] Enterococci | [X] Ice | | | |
| Molecular | [X] PCR-FILTER [ ] PCR-HF183 [ ] PCR-BacR [ ] PCR-GULL2 [ ] PCR-GFD | [X] Ice | | | |
| Tracers | [ ] W-SUC-AA-R [ ] W-UHERB-AA [ ] W-AHERB-AA | [ ] Ice | | | |
| Pesticides | [ ] W-PSNP-TQ [ ] W-UHERB-AA [ ] W-AHERB-AA [ ] W-CARB-AA [ ] W-PCL-SQ-R [ ] W-PYR-AA-R [ ] W-GLYPH [ ] W-SUC-AA-R | [ ] Ice [ ] Other | | | |
| | [X] W-E8-321-DI [X] W-E8321_MS | [X] ICE | | | |




**Notes:**

WIN / Field ID: 20030753

TROUT RIVER AT OLD KINGS RD

**Signature:** JR **Date:** 4/19/18

Enter Field Parameters, Verify Station ID In LIMS DMT: JR 4/20/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: BD 4/23/18 (Initials/Date)

Scan/Save Field Sheets BD 4/23/18 Migrate Data to WIN: Verify Data In WIN:

# QA/QC Sample Information

## Duplicate

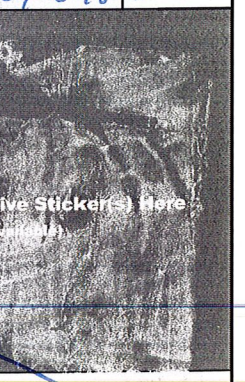
**Time Zone:** EST CEN **Sample Depth (m):** 0.1
**Time:** 1025 **Total Depth (m):** 0.2 **Field ID:** 20030897 DUP

| Parameter Suite | Parameter Methods | Preservation | Lot# | Expiration | pH Check |
|---|---|---|---|---|---|
| Preserved Nutrients | ☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP | ☒ Ice ☒ $H_2SO_4$ | SA7163030 | 06-12-18 | ☒ < 2 |
| Metals | ☒ W-ICPMS ☒ W-ICP | ☒ Ice ☒ $HNO_3$ | NA7261120 | 09-18-18 | ☒ < 2 |
| Filtered Nutrients | ☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter | ☒ Ice | R7EA1257.2 | | |
| Chlorophyll | ☒ CHLSUITE-W | ☒ Ice | | | |
| Physical/Aggregate (Fresh) | ☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS | ☒ Ice | | | |
| Physical/Aggregate (Marine) | ☐ Alkalinity / W-F / W-TSS / TURBIDITY | ☐ Ice | | | |
| Microbiology | ☒ E Coli ☐ F Coli ☐ Enterococci | ☒ Ice | | | |
| Molecular | ☒ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD | ☒ Ice | | | |
| Tracers | ☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA | ☐ Ice | | | |
| Pesticides | ☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R | ☐ Ice ☐ Other | | | |
| | ☒ W-E8321-DI ☒ W-E8321-MS | ☒ ICE | | | |


## Blank

**Time Zone:** EST CEN **Time:** ~~1025~~ PO **Field ID:** ~~MONCRIEF @ 21ST ST~~ 20030897 PO
**DI Source:** NE ROC LAB **Location:** ~~MONCRIEF @ 21ST ST~~ PO
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank **Equipment ID:** ORTHO #

| Parameter Suite | Parameter Methods | Preservation | Lot# | Expiration | pH Check |
|---|---|---|---|---|---|
| Preserved Nutrients | ☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP | ☒ Ice ☒ $H_2SO_4$ | SA7163030 | 06-12-18 | ☒ < 2 |
| Metals | ☒ W-ICPMS ☐ W-ICP | ☒ Ice ☒ $HNO_3$ | NA7261120 | 09-18-18 | ☒ < 2 |
| Filtered Nutrients | ☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter | ☒ Ice | R7EA1257.2 | | |
| Chlorophyll | ☒ CHLSUITE-W | ☒ Ice | | | |
| Physical/Aggregate (Fresh) | ☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS | ☒ Ice | | | |
| Physical/Aggregate (Marine) | ☐ Alkalinity / W-F / W-TSS / TURBIDITY | ☐ Ice | | | |
| Microbiology | ☒ E Coli ☐ F Coli ☐ Enterococci | ☐ Ice | | | |
| Molecular | ☒ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD | ☐ Ice | | | |
| Tracers | ☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA | ☐ Ice | | | |
| Pesticides | ☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R | ☐ Other | | | |
| | ~~☒ WE8321-DI~~ ~~☒ W-E8321-MS~~ | ~~☒ ICE~~ PO | | | |




**Notes:**
NO BLANK Collected

WIN ID:
Moncrief at 21st Field ID
20030897
20030897DUP

**Signature:** [signature] **Date:** 4/9/18

**Field Parameters Entered into LIMS:** [signature] 4/20/18 (Initials/Date) **Field Parameters QC in LIMS:** _____ (Initials/Date)

**Date Migrated to STORET:** _____ **Field Sheets Scanned/Saved:** _____

# CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

ALS Environmental

9143 Philips Highway, Suite 200 Jacksonville, FL 32256 / Ph(904) 739-2277 / FAX (904) 739-2011

SR #

ALS Contact: Jerry Allen



| Client Name | Project Number |
|---|---|
| FDEP-NE ROC | RQ-2018- 04-16-44 |
| **Report To** | **Report CC** |
| Dep-Overflowmicro@dep.state.fl.us | Jeremy Parrish |
| **Company/Address** | |
| 8800 Baymeadows Way W<br>Jacksonville, Fl 32256 | |
| **Phone #** | **FAX #** |
| 904-256-1541 | |
| **Sampler's Signature** | **Sampler's Printed Name** |
| | |

**ANALYSIS REQUESTED (Include Method Number and Container Preservative)**

| CLIENT SAMPLE ID | LAB ID | SAMPLING DATE | SAMPLING TIME | Matrix | NUMBER OF CONTAINERS | Preservative | E.Coli | Enterocooi |
|---|---|---|---|---|---|---|---|---|
| 20030891 | | 041918 | 1210 | SW | 1 | ~~Sw~~ 4 | | |
| 20030897 | | ↓ | 1015 | ↓ | 1 | ↓ | | |
| 20030897 Dup | | | 1025 | | 1 | | | |
| 20030753 | | | 0945 | | 1 | | | |
| 20030316 | | | 1055 | | 1 | | | |
| 20030537 | | | 1140 | | 1 | | | |
| 20030653 | | | 0900 | | 1 | | | |
| 20030848 | | ↓ | 0810 | ↓ | 1 | ↓ | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Preservative Key
0. None
1. HCL
2. HNO3
3. H2SO4
4. NaOH
5. Zn. Acetate
6. MeOH
7. NaHSO4
8. Other ICE

REMARKS

**Special Instructions/Comments:** **Email Report to: Dep-Overflowmicro@dep.state.fl.us**

3, 1

**TURNAROUND REQUIREMENTS**
___ RUSH (SURCHARGES APPLY)
X STANDARD
REQUESTED FAX DATE
N/A
REQUESTED REPORT DATE
N/A

**REPORT REQUIREMENTS**
___ I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Calibration Summaries
___ IV. Data Validation Report with Raw Data
Edata ___ Yes ___ No

**INVOICE INFORMATION**
P.O. # B10739
Bill to:

| Relinquished By | Received By | Relinquished By | Received By | Relinquished By | Received By |
|---|---|---|---|---|---|
| Signature: Patrick O'Connor | Signature: Renee Futch | Signature | Signature | Signature | Signature |
| Printed Name: Patrick O'Connor | Printed Name: Renee Futch | Printed Name | Printed Name | Printed Name | Printed Name |
| Firm: DEAR NED ROC | Firm: ALS | Firm | Firm | Firm | Firm |
| Date/Time: 04-19-18 1230 | Date/Time: 4/19/18 1230 | Date/Time | Date/Time | Date/Time | Date/Time |

**Request Number: RQ-2018-04-16-44**

bmap tribs 2

# Florida Department of Environmental Protection
## Central Laboratory Submittal Form



**Customer: NE-DIST**

**Project ID: SMP**

Requester: Jeremy M. Parrish

Collected By: J. Parrish, P. O'Connor

Field Report Prepared By: P. O'Connor

Sampling Agency: DEAR NED ROC

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Location: WIN ID: 20030897 — Moncrief at 21st

Field ID: Field ID 20030897DUP

WIN/ST:

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 04-19-18 Time 1025 | Eastern Central | Composite end Date Time | Bottle Group(s) (See pg 2): B

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen 4.0 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 20.0 | pH 7.2 | Sample Depth 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm) 491

Salinity (ppt) 0.24 | Comments DO% 44.0

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Location: WIN / Field ID: 20030897 — MONCRIEF CR @ 21ST ST.

Field ID:

WIN/ST:

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 04-19-18 Time 1015 | Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen 4.0 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 20.0 | pH 7.2 | Sample Depth 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm) 491

Salinity (ppt) 0.24 | Comments DO% 44.0

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Location: WIN / Field ID: 20030537 — GOODBYS CR @ PLAZA GATE RD.

Field ID:

WIN/ST:

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 04-19-18 Time 1140 | Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen 5.9 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 19.3 | pH 7.1 | Sample Depth 0.2 ☐ ft ☒ m | Sp. Conductance (umho/cm) 348

Salinity (ppt) 0.17 | Comments DO% 64.0

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Location: WIN / Field ID: 20030891 — Goodbys CR Above West Branch at San Clerc.

Field ID:

WIN/ST:

Latitude ☐dd ☐dms | Longitude ☐dd ☐dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 04-19-18 Time 1210 | Eastern Central | Composite end Date Time | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen 6.04 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) 19.6 | pH 7.3 | Sample Depth 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm) 372

Salinity (ppt) 0.18 | Comments DO% 66.0

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| Relinquished By: | Date/Time | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time |
|---|---|---|---|---|---|
| P. O'Connor | 04-19-18 1330 | Fex Ex | 4 (total) | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Group: A | Bottle Type: P-1L | # of Bottles: 3 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 3 |
| | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | | | | | |
| Group: A | Bottle Type: BP-1L | # of Bottles: 3 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 3 |
| | CHLSUITE-W | | | | | |
| Group: A | Bottle Type: P-250ML-WI-THI | # of Bottles: 3 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 3 to ALS JAX |
| | NE-ALS-ECQ | | | | | |
| Group: A | Bottle Type: QPCR-P-500ML | # of Bottles: 3 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 3 |
| | PCR-FILTER | | | | | |
| Group: A | Bottle Type: BG-500ML | # of Bottles: 3 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 3 |
| | W-E8321-DI<br>W-E8321-MS | | | | | |
| Group: A | Bottle Type: P-500ML | # of Bottles: 3 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 3 |
| | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC | | | | | |
| Group: A | Bottle Type: P-125ML | # of Bottles: 3 | Preservative: | FILTER-ICE | Enter Number of Bottles Sent to Lab | 3 |
| | W-PO4-F | | | | | |
| Group: A | Bottle Type: BG-1L | # of Bottles: 3 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 0 |
| | W-SUC-AA-R | | | | | |
| Group: B | Bottle Type: P-1L | # of Bottles: 5 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | 5 |
| | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR | | | | | |

**Request Number: RQ-2018-04-16-44**

bmap tribs 2

# Florida Department of Environmental Protection
## Central Laboratory Submittal Form

last revised Jan 25, 2018

**Customer: NE-DIST**

**Project ID: SMP**

Requester: Jeremy M. Parrish

Collected By: J. Parrish, P. OConnor

Field Report Prepared By: P. OConnor

Sampling Agency: DEAR NED ROC

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Location: NW TRIBUTARY TO OPEN CR AT HODGES
WIN / Field ID: 20030848
Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 04-19-18 Time 0810 | ☐ Eastern ☐ Central | Composite end Date ~~Time~~ | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen: 6.8 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 20.2 | pH: 7.1 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 443

☐ dd ☐ dms | Salinity (ppt): 0.2 | Comments: DO% 75.4

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Location: TERRAPIN CREEK AT FAYE ROAD
WIN / Field ID: 20030653
Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 04-19-18 Time 0900 | ☐ Eastern ☐ Central | Composite end Date ~~Time~~ | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen: 7.3 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 18.4 | pH: 6.9 | Sample Depth: 0.1 ☐ ft ☒ m | Sp. Conductance (umho/cm): 153

☐ dd ☐ dms | Salinity (ppt): 0.07 | Comments: DO% 78.0

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Location: TROUT RIVER AT OLD KINGS RD
WIN / Field ID: 20030753
Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 04-19-18 Time 0945 | ☐ Eastern ☐ Central | Composite end Date ~~Time~~ | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen: 6.9 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 18.5 | pH: 7.0 | Sample Depth: 0.3 ☐ ft ☒ m | Sp. Conductance (umho/cm): 135

☐ dd ☐ dms | Salinity (ppt): 0.06 | Comments: DO% 73.7

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Location: MONCRIEF CR N OF 33RD ST BRID
WIN / Field ID: 20030316
Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☒ Grab | Collection (comp begin or grab) Date 04-19-18 Time 1055 | ☐ Eastern ☐ Central | Composite end Date ~~Time~~ | Bottle Group(s): B

Matrix (type, e.g., Salt, Fresh, etc): Surface Water Fresh | Diss. Oxygen: 9.0 ☒ mg/L ☐ % sat | Total Res. Chlorine (mg/L):

Temp (C): 21.6 | pH: 7.7 | Sample Depth: 0.2 ☐ ft ☒ m | Sp. Conductance (umho/cm):

☐ dd ☐ dms | Salinity (ppt): 0.14 | Comments: DO% 101.9

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| Relinquished By: | Date/Time | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time |
|---|---|---|---|---|---|
| POConnor | 04-19-18 1330 | Fed Ex | 4 (total) | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Group: B | Bottle Type: | P-1L | # of Bottles: 5 | Preservative: | ICE | Enter Number of Bottles Sent to Lab 0 |
| | W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | | | | | INCLUDED ON Previous Sheet |
| Group: B | Bottle Type: | BP-1L | # of Bottles: 5 | Preservative: | ICE | Enter Number of Bottles Sent to Lab 5 |
| | CHLSUITE-W | | | | | |
| Group: B | Bottle Type: | P-250ML-WI-THI | # of Bottles: 5 | Preservative: | ICE | Enter Number of Bottles Sent to Lab 5 to ALS JAX |
| | NE-ALS-ECQ | | | | | |
| Group: B | Bottle Type: | QPCR-P-500ML | # of Bottles: 5 | Preservative: | ICE | Enter Number of Bottles Sent to Lab 5 |
| | PCR-FILTER | | | | | |
| Group: B | Bottle Type: | BG-500ML | # of Bottles: 5 | Preservative: | ICE | Enter Number of Bottles Sent to Lab 5 |
| | W-E8321-DI<br>W-E8321-MS | | | | | |
| Group: B | Bottle Type: | P-500ML | # of Bottles: 5 | Preservative: | HNO3 | Enter Number of Bottles Sent to Lab 5 |
| | W-ICP<br>W-ICPMS | | | | | |
| Group: B | Bottle Type: | P-500ML | # of Bottles: 5 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab 5 |
| | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC | | | | | |
| Group: B | Bottle Type: | P-125ML | # of Bottles: 5 | Preservative: | FILTER-ICE | Enter Number of Bottles Sent to Lab 5 |
| | W-PO4-F | | | | | |