

RQ-2019-07-08-32

Data Management (to be completed by field personnel)

- ☒ Date sampled Date: 7/8/19 initials: NM
- ☒ Entered into MAT Date: 7/8/19 initials: NM
- ☒ In SMP Tracker Date: 7/9/19 initials: NM
- ☒ RQ Sheet – from LIMS (display/print request)

Ready for folder system (top)

LIMS processing (to be completed by field/office personnel)

- ☒ Field Sheets scanned into local folder and
initialed/dated on Field Sheets Date: 7/12/19 initials: NM
- ☐ New Field IDs created (when appropriate) Date: _____ initials: _____ ☒ NA
- ☐ Field parameters entered into LIMS Date: _____ initials: _____
- ☐ Date submitted for QA/QC Date: _____ initials: _____
- ☐ Create entry in SMP Station Creation File if new station is used

Digital Archiving

- ☐ Digital field Sheets put into archive Date: _____ initials: _____
- ☐ Photos put into archive Date: _____ initials: _____ ☒ NA
- ☐ Lab results put into archive (CB/WB) Date: _____ initials: _____

WINS processing (Cheryl/Whitney)

- ☐ Field parameters QA/QC in LIMS Date: _____ initials: _____
- ☐ Data migrated to WINS Date: _____ initials: _____
- ☐ Update "Data Tracker" in SMP Tracker

Notes:

Micro resampled
on 7/10
for 64NW0415
completes creek

Date of Request: 17-JUN-2019
 Created By: KING_M On: 17-JUN-2019
 Modified By: WATTS_J On: 18-JUN-2019
 Customer: NW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: PENS/CANT RUN

Send Coolers To:

Phone: 850-595-0605
 160 Government Center
 Suite 208
 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: 18-JUN-2019
 Biology Request Reviewed By: JASROTIA_P On: 18-JUN-2019
 Sampling Kit Required: YES Ship on: 28-JUN-2019
 Sampling Kit Shipped: YES On: 25-JUN-2019
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 08-JUL-2019
 Received By: KLUG_K On: 09-JUL-2019

Send Final Report To:

160 Government Center
 Suite 208
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch

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

Comments: Group A: (WBID676) Freshwater Kit With Metals, Pesticides, Contract Lab Bacteria, Tracers, Markers
 Group B: (WBID 846A) Freshwater Kit, Tracers, Markers, Contract Lab Bacteria
 Group C: (WBID 725) Freshwater Kit With Metals, Contract Lab Bacteria
 Group D: (WBID 639, 542) Freshwater Kit, Contract Lab Bacteria
 Group E: (WBID 489A, 846B) Tracers, Markers, Contract Lab Bacteria

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	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 using a maximum of 250 mL of sample
TSS		
Bottle Type: BG-1L	Number of Bottles: 4	Preserved With: ICE
W-PSNP-TQ	Template:	(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS
Acetochlor		

Bottle Group A (Water) With 1 Samples:

Bottle Type: BG-1L Number of Bottles: 4 Preserved With: ICE
 W-PSNP-TQ Template: (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS

Alachlor
 Ametryn
 Atrazine
 Atrazine Desethyl
 Azinphos Methyl
 Bromacil
 Butylate
 Chlorpyrifos Ethyl
 Chlorpyrifos Methyl
 Cyanazine
 Demeton
 Diazinon
 Disulfoton
 EPTC
 Ethion
 Ethoprop
 Fenamiphos
 Fipronil
 Fipronil Sulfide
 Fipronil Sulfone
 Fonofos
 Hexazinone
 Malathion
 Metalaxyl
 Metolachlor
 Metribuzin
 Mevinphos
 Molinate
 Norflurazon
 Parathion Ethyl
 Parathion Methyl
 Pendimethalin
 Phorate
 Prometon
 Prometryn
 Simazine
 Terbufos
 Terbutylazine

Bottle Type: BP-1L Number of Bottles: 1 Preserved With: ICE
 CHLSUITE-W Template: DEFAULT (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Chlorophyll-a, Corrected
 Chlorophyll-a, Uncorrected
 Phaeophytin-a

Bottle Type: TEST HAS NO Number of Bottles: 1 Preserved With: ICE
 NW-UWF-ECQ Template: DEFAULT (SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola
 Escherichia Coli-Quanti-Tray

Bottle Type: BG-500ML Number of Bottles: 1 Preserved With: CH2CICOOH Pre-Preserved
 W-CARB-AA Template: DEFAULT (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS

3-Hydroxycarbofuran
 Aldicarb
 Aldicarb Sulfone
 Aldicarb Sulfoxide
 Carbaryl
 Carbofuran
 Methiocarb
 Methomyl
 Oxamyl
 Propoxur

Bottle Group A (Water) With 1 Samples:

Bottle Type: BG-500ML Number of Bottles: 4 Preserved With: ICE
 W-CT-CI-R Template: DEFAULT (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization

Chlordane

Toxaphene

W-PCL-SQ-R Template: DEFAULT (EPA 8270E) Organochlorine pesticides in water matrices by GC/MS-SIM

*Bifenthrin

*Cis-Nonachlor

*Ethalfuralin

*Hexachlorobenzene

*Trans-Nonachlor

Aldrin

Alpha-BHC

Alpha-Chlordane

Beta-BHC

Carbophenothion

Chlorothalonil

Cypermethrin

DDD-p,p'

DDE-p,p'

DDT-p,p'

Delta-BHC

Dicofol

Dieldrin

Endosulfan I

Endosulfan II

Endosulfan Sulfate

Endrin

Endrin Aldehyde

Endrin Ketone

Gamma-BHC

Gamma-Chlordane

Heptachlor

Heptachlor Epoxide

Methoxychlor

Mirex

Permethrin

Trifluralin

Bottle Type: BG-500ML Number of Bottles: 1 Preserved With: ICE
 W-E8321-DI Template: (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

*AMPA

*Endothall

*Glufosinate

*Glyphosate

*Sucralose

W-E8321-MS Template: (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

*Acetaminophen

*Carbamazepine

*Fluridone

*Hydrocodone

*Imazapyr

*Primidone

*Pyraclostrobin

*Triclopyr

2,4-D

Bentazon

Diuron

Fenuron

Imidacloprid

Linuron

MCPP

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO3
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Barium		
Calcium		
Iron		
Magnesium		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template: DEFAULT	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
*Boron		
Aluminum		
Antimony		
Arsenic		
Barium		
Beryllium		
Cadmium		
Chromium		
Cobalt		
Copper		
Lead		
Manganese		
Molybdenum		
Nickel		
Selenium		
Silver		
Thallium		

Bottle Type: P-500ML	Number of Bottles: 1	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: 1	Preserved With: FILTER-ICE
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 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	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		

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
TSS		
Bottle Type: BP-1L	Number of Bottles: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Chlorophyll-a, Corrected		
Chlorophyll-a, Uncorrected		
Phaeophytin-a		
Bottle Type: TEST HAS NO	Number of Bottles: 1	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola
Escherichia Coli-Quanti-Tray		
Bottle Type: QPCR-P-500ML	Number of Bottles: 1	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
*HF183 - Human Source Marker		
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction
*HF183-qPCR		
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: ICE
W-E8321-DI	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
*Sucralose		
W-E8321-MS	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
*Acetaminophen		
*Carbamazepine		
*Fluridone		
*Hydrocodone		
*Imazapyr		
*Primidone		
*Pyraclostrobin		
*Triclopyr		
2,4-D		
Bentazon		
Diuron		
Fenuron		
Imidacloprid		
Linuron		
MCPP		
Bottle Type: P-500ML	Number of Bottles: 1	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: 1	Preserved With: FILTER-ICE
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 C (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	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

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
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 using a maximum of 250 mL of sample
TSS		
Bottle Type: BP-1L	Number of Bottles: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Chlorophyll-a, Corrected		
Chlorophyll-a, Uncorrected		
Phaeophytin-a		
Bottle Type: TEST HAS NO	Number of Bottles: 1	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola
Escherichia Coli-Quanti-Tray		
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO3
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Barium		
Calcium		
Iron		
Magnesium		
Potassium		
Sodium		
Zinc		
W-ICPMS	Template:	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
*Boron		
Aluminum		
Antimony		
Arsenic		
Cadmium		
Chromium		
Copper		
Lead		
Nickel		
Selenium		
Silver		
Thallium		
Bottle Type: P-500ML	Number of Bottles: 1	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: 1	Preserved With: FILTER-ICE
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 D (Water) With 2 Samples:

Bottle Group D (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /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 using a maximum of 250 mL of sample
TSS		

Bottle Type: BP-1L	Number of Bottles: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Chlorophyll-a, Corrected		
Chlorophyll-a, Uncorrected		
Phaeophytin-a		

Bottle Type: TEST HAS NO	Number of Bottles: 2	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola
Escherichia Coli-Quanti-Tray		

Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
Ammonia-N		
W-NO ₂ NO ₃	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
NO ₂ NO ₃ -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: 2	Preserved With: FILTER-ICE
W-PO ₄ -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 E (Water) With 2 Samples:

Bottle Type: TEST HAS NO	Number of Bottles: 2	Preserved With: ICE
NW-UWF-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola
Escherichia Coli-Quanti-Tray		

Bottle Type: QPCR-P-500ML	Number of Bottles: 2	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
*HF183 - Human Source Marker		
PCR-HF183	Template: DEFAULT	(SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

*HF183-qPCR

Bottle Type: BG-500ML	Number of Bottles: 2	Preserved With: ICE
W-E8321-DI	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
*Sucralose		
W-E8321-MS	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
*Acetaminophen		
*Carbamazepine		
*Fluridone		
*Hydrocodone		
*Imazapyr		

Bottle Group E (Water) With 2 Samples:

Bottle Type: BG-500ML Number of Bottles: 2 Preserved With: ICE
W-E8321-MS Template: (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

- *Primidone
- *Pyraclostrobin
- *Triclopyr
- 2,4-D
- Bentazon
- Diuron
- Fenuron
- Imidacloprid
- Linuron
- MCP

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID:

154179

RQ:

2019-07-08-32

Project:

SMP

- Notes: (1) Always wait for meter to stabilize before recording any readings.
 (2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
 (3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.											P / F	L / F
ICV											P / F	L / F
CCV	NM	7/8/19	0700	28.9	764	7.8	7.66	8.9			(P) F	(L) F
CCV	M. Borden	1	1200	23.7	764	8.5	8.44	99.2			(P) F	(L) F

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	NM	7/8/19	0705	190116A	1/20	1000	1000	P / F	(L) F
ICV	1	1	0708	190618A	6/20	100	104	(P) F	(L) F
CCV	M.B	1	1202	190116A	1/20	1000	997	(P) F	(L) F
CCV								P / F	L / F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	NM	7/8/19	0710	2811803	10/20	7.		7.0		P / F	(L) F
Calibr.			0712	2902818	1/21	4.	27.8	4.0		P / F	(L) F
Calibr.			0715	4904E09	9/20	10.		10.0		P / F	(L) F
ICV			0718	2902818	1/21	4.0	27.8	4.12	116.4	(P) F	(L) F
CCV	M.B		1204	2811803	10/20	7.0	27.6	7.05		(P) F	(L) F
CCV										P / F	L / F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ; mV pH 4 Range $+180 \pm 50$; mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: 6/13/19

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last verification: _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air	NM	7/8/19	0720	0.00	0.00	(P) F	(L) F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:



RQ-2019- 07-08-32
Customer: NW-DIST
Project ID: SMP

Collected By: N. Mulkey
Field Report Prepared By: M. Bearden
Sampling Agency: DEP NWROC

Field/WIN ID → Location: Jones Creek upstream of N Navy Blvd							Comments:			
Matrix: ☒ Fresh ☐ Marine / ☐ Field Blank / ☐ Equipment Blank							(Check one) ☐ COMPOSITE ☒ GRAB			
Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
7/8/19	0815 CST	5.44	64.4	24.2	4.87	0.08 0.3 MB	0.15	105.8	0.05	
	CST									
Parameter Suite		Parameter Methods				Preservation	pH Check	# Bottles sent to Lab	Bottle Group	
Preserved Nutrients (BP-1L)		☒ W-NH3 / ☐ W-NO2NO3 / ☐ W-TKN / ☐ W-TOC / ☐ W-S-A-TP				☒ Ice ☒ H2SO4	☒ <2	1	B	
		Lot# 901030		Exp: 4/10/20						
Metals (P-500ML)		☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3	☐ <2			
		Lot#		Exp:						
Filtered Nutrients (P125ML)		☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice		1	B	
Chlorophyll (BP-1L)		☒ CHLSUITE-W				☒ Ice		1	B	
Physical/Aggregate (Fresh) (P-1L)		☒ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY / ☐ W-CHC / ☐ W-COLOR / ☐ W-PC4-IC / ☐ W-TDS				☒ Ice		1	B	
Physical/Aggregate (Marine) (P-1L)		☐ Alkalinity / ☐ W-BR-IC / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY				☐ Ice				
Macroinvertebrates (PJ-2L)		☐ MI-FW-QLDC				☐ Formalin				
Periphyton (PT-50ML)		☐ ALGAE-ID				☐ Ice				
Microbiology (Contract Lab Bottle)		☒ E Coli ☐ F Coli ☐ Enterococci				☒ Ice		CONTRACT LAB	B	
Molecular (QPCR-P-500ML)		☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2				☒ Ice		1	B	
		☒ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD								
Tracers (BG-500ML)		☒ W-E8321-DI ☐ W-E8321-MS				☒ Ice		1	B	
Pesticides (BG-500ML) (BG-1L)		☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-CARB-AA				☐ Ice				
		☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-E8321-DI				☐ CH2CICOOH				
Phytoplankton		☐ DTY-QN-C ☐ PKD-QN-C				☐ Ice				
Relinquished By:		Date/Time		Shipping Method		Number of Coolers Shipped:		Received By:		Date/Time:
		7/8/19		FEDEX		3				



RQ-2019-07-08-32

Customer: NW-DIST

Project ID: SMP

Collected By: N. Mulkey

Field Report Prepared By: M. Bearden

Sampling Agency: DEP NWROC

Field/WIN ID



G4NW0430

Location:

Jackson Creek upstream of Old Corry Field Road

Comments:

Matrix: ☒ Fresh ☐ Marine / ☐ Field Blank / ☐ Equipment Blank(Check one) ☐ COMPOSITE ☒ GRAB

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
7/8/19	0830 CST	6.39	76.3	24.6	5.51	0.07		0.14	141.5	0.07 MB
							0.07			
							NOB (S)			

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (BP-1L)	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H2SO4	☐ <2		B
	Lot# Exp:				
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3	☐ <2		
	Lot# Exp:				
Filtered Nutrients (P125ML)	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice			B
Chlorophyll (BP-1L)	☐ CHLSUITE-W	☐ Ice			B
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY / ☐ W-CH-IC / ☐ W-COLOR / ☐ W-SO4-IC / ☐ W-TDS	☐ Ice			B
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / ☐ W-BR-IC / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E Coli ☐ F Coli ☐ Enterococci	☒ Ice		CONTRACT LAB	BE
	☐ Contract Lab				
Molecular (QPCR-P-500ML)	☒ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2	☒ Ice		1	BE
	☒ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD				
Tracers (BG-500ML)	☒ W-E8321-DI ☒ W-E8321-MS	☒ Ice		1	BE
Pesticides (BG-500ML) (BG-1L)	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-CARB-AA	☐ Ice			
	☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-E8321-DI	☐ CH2CICOOH			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time:

FEDEX

3



RQ-2019-07-06-32
Customer: NW-DIST
Project ID: SMP

Collected By: N. Mulkey
Field Report Prepared By: M. Bearden
Sampling Agency: DEP NWROC

Field/WIN ID

G4NW0415

Location:
Carpenter Creek upstream of 9th Avenue

Comments:

*Micro container cracked
*Micro sample NOT Analyzed

*resampled micro 7/10/19
NM

Matrix: ☒ Fresh / ☐ Marine / ☐ Field Blank / ☐ Equipment Blank

(Check one) ☐ COMPOSITE ☒ GRAB

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTH)
7/8/19	0900	7.22	85.1	23.9	5.47	0.07	0.14	0.4	95.5	0.04
	CST									
	CST						508 (S)			

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (BP-1L)	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H2SO4	☒ <2	1	A
	Lot# 9010030 Exp: 4/10/20				
Metals (P-500ML)	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	☒ <2	1	A
	Lot# 8341050 Exp: 12/1/19				
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice		1	A
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	A
Physical/Aggregate (Fresh) (P-1L)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice		1	A
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E Coli ☐ F Coli ☐ Enterococci	☒ Ice		CONTRACT LAB	A
Molecular (QPCR-P-500ML)	☒ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☒ Ice			A
Tracers (BG-500ML)	☒ W-E8321-DI ☒ W-E8321-MS	☒ Ice		1	A
Pesticides (BG-500ML) (BG-1L)	☒ W-PSNP-TQ ☒ W-CT-CL-R ☒ W-CARB-AA ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-E8321-DI	☒ Ice		NM 89	A
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Relinquished By: [Signature]	Date/Time: 7/8/19	Shipping Method: FEDEX	Number of Coolers Shipped: 3	Received By:	Date/Time:
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RQ-2019-07-08-32

Customer: NW-DIST

Project ID: SMP

Collected By: N. Mulkey

Field Report Prepared By: M. Bearden

Sampling Agency: DEP NWROC

Field/WIN ID →



G4NW0179

Location:

Marcus Creek upstream of Marcus Pointe Blvd

Comments:

low flow

Matrix: Fresh / Marine / Field Blank / Equipment Blank

(Check one) ☐ COMPOSITE ☒ GRAB

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPT)
7/8/19	0930 CST	3.80	45.9	25.1	5.85	0.3	0.6	0.6	182.9	0.09
	CST						☒ VOB (S)			

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (BP-1L)	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H2SO4	☐ <2	1	C
	Lot# 9010030 Exp: 4/10/20				
Metals (P-500ML)	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	☐ <2	1	C
	Lot# 8344050 Exp: 2/10/19				
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice		1	C
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	C
Physical/Aggregate (Fresh) (P-1L)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-PO4-IC / W-TDS	☒ Ice		1	C
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☒ Coli ☐ F Coli ☐ Enterococci	☒ Ice		CONTRACT LAB	C
	☒ Contract Lab				
Molecular (QPCR-P-500ML)	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2	☐ Ice			
	☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD				
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-CARB-AA	☐ Ice			
	☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-E8321-DI	☐ CH2ClCOOH			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Relinquished By:

Date/Time:

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time:

FEDEX

3



RQ-2019-07-08-32

Customer: NW-DIST

Project ID: SMP

Collected By: N. MulkyField Report Prepared By: A. BeardenSampling Agency: DEP NWROC

Field/WIN ID



G4NW0176

Location:

Direct Runoff-Graveyard Branch @ Tradewinds Dr.

Comments:

Matrix: Fresh / Marine / Field Blank / Equipment Blank

(Check one) ☐ COMPOSITE ☐ GRAB

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (umhos/cm)	Salinity (PPT)
7/8/19	1035	7.28	89.3	26.1	6.40	0.03	0.06	0.06	109.8	0.05
	CST				5.96 MB					
	CST						BYOB (S)			

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (BP-1L)	☒ W-NH3 / ☐ W-NO2NO3 / ☐ W-TKN / ☐ W-TOC / ☐ W-S-A-TP	☒ Ice ☒ H2SO4	☐ <2	1	D
	Lot# 9/1/0036 Exp: 4/10/20				
Metals (P-500ML)	☒ W-ICPMS MB ☐ W-ICP	☐ Ice ☐ HNO3	☐ <2		
	Lot# Exp:				
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ W-Filtered 0.45 um Filter	☐ Ice		1	D
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☐ Ice		1	D
Physical/Aggregate (Fresh) (P-1L)	☒ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY / ☐ W-CL-IC / ☐ W-COLOR / ☐ W-04-IC / ☐ W-TDS	☐ Ice		1	D
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / ☐ W-BR-IC / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY	☐ Ice			
Macroinvertebrates (PJ-2L)	☐ MI-FW-QLDC	☐ Formalin			
Periphyton (PT-50ML)	☐ ALGAE-ID	☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E Coli ☐ F Coli ☐ Enterococci	☐ Ice		CONTRACT LAB	D
	☒ Contract Lab				
Molecular (QPCR-P-500ML)	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2	☐ Ice			
	☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD				
Tracers (BG-500ML)	☐ W-E8321-DI ☐ W-E8321-MS	☐ Ice			
Pesticides (BG-500ML) (BG-1L)	☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-CARB-AA	☐ Ice			
	☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-E8321-DI	☐ CH2CICOOH			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time:

FEDEX

3

Project: _____
FDEP _____
Method of transport: _____
Samples delivered by: _____
Sample received by: _____

Laboratory: Wetlands Research Laboratory

Drop off _____ on ice by automobile
FDEP _____
WRL _____

Page 1 of 1
Date/Time: 7/8/19 1055
Date/Time: 7/8/19 1055

Instructions: Fill in all fields except "Lab ID" on sample transport form completely. Each sample container must use a separate line. Place this form in a waterproof bag and place it with the samples for transport. If a field log or other chain of custody is attached, that information may be referenced on this form and the log or COC attached.

CS

Lab ID	Sample ID	Matrix	Type	Container Type	Analyses Requested	Preservative	Sample (°C)	Sampling Date/Time
19-45 311	G4NW0429 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3	2.7	7/8/19/0915
19-45 312	G4NW0430 Jackson Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3	5.8	0930
19-45 314	G4NW0179 Marcus Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3	5.3	1135
19-45 315	G4NW0176 Graveyard Branch	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3	2.3	0830
19-45 316	G4NW0175 Carpenters Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 317	G4NW0451 Iron Mile Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 318	G4NW0452 Rest Area Run	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 319	G4NW0453 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 320	G4NW0454 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 321	G4NW0455 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 322	G4NW0456 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 323	G4NW0457 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 324	G4NW0458 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 325	G4NW0459 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 326	G4NW0460 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 327	G4NW0461 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 328	G4NW0462 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 329	G4NW0463 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 330	G4NW0464 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 331	G4NW0465 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 332	G4NW0466 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 333	G4NW0467 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 334	G4NW0468 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 335	G4NW0469 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 336	G4NW0470 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 337	G4NW0471 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 338	G4NW0472 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 339	G4NW0473 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 340	G4NW0474 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 341	G4NW0475 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 342	G4NW0476 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 343	G4NW0477 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 344	G4NW0478 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 345	G4NW0479 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 346	G4NW0480 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 347	G4NW0481 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 348	G4NW0482 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 349	G4NW0483 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 350	G4NW0484 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 351	G4NW0485 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 352	G4NW0486 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 353	G4NW0487 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 354	G4NW0488 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 355	G4NW0489 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 356	G4NW0490 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 357	G4NW0491 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 358	G4NW0492 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 359	G4NW0493 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 360	G4NW0494 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 361	G4NW0495 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 362	G4NW0496 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 363	G4NW0497 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 364	G4NW0498 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 365	G4NW0499 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		
19-45 366	G4NW0500 Jones Creek	SW	G	Sterile plastic	Escherichia coli 18-QT	ice/Na2S2O3		

Comments: sample container lot# 18145
RQ-2019-07-08-32
Contact organization: FDEP
Contact name: Michael King
Phone: (850) 595-8300
Address: 160 W Governmental Street, Suite 208, Pensacola, FL 32502
Sampler's name: _____
Recorded using IRT-2

*G4NW0415 lid cracked not lysed
sample not lysed

SAMPLE TRANSMITTAL FORM
Document Reference # 05.10

Project: _____ FDEP _____

Method of transport: _____ Drop off _____ on ice by automobile _____

Samples delivered by: John Doe FDEP _____

Sample received by: John Doe of WRL _____

Laboratory: Wetlands Research Laboratory

Sampler's initials: ML

Method of transport: Drop off on ice by automobile

Samples delivered by: [Signature] FDEP

Sample received by: [Signature] of WRL

Page 1 of 1 Date/Time: 7/10/19 1330

Date/Time: 7/10/19 1330

Instructions: Fill in all fields except "Lab ID" on sample transport form completely. Each sample container must use a separate line. Place this form in a waterproof bag and place it with the samples for transport. If a field log or other chain of custody is attached, that information may be referenced on this form and the log or COC attached.

[illegible]

Comments	sample container lot# #18145
10/1/2017	
10/2/2017	
10/3/2017	
10/4/2017	
10/5/2017	
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RQ-2019-07-08-32

Contact organization FDEP NWROC

Address 160 W Governmental Street, suite 208, Pensacola, FL 32502

¹Matrix: SW = surface water, PW = pore water, GW = ground water, S = soil/sediment, X =

²Type codes: G = grab, C = composite, X =

Contact name Nathan Mulky Phone: (850) 595-8300
 Sampler's name: Nathan Mulky
³ Recorded using IRI-2

³ Recorded using IRT-2