

Date of Request: 06-FEB-2018
 Created By: BUNCH_CA On: 06-FEB-2018
 Modified By: WATTS_J On: 15-MAR-2018
 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

Send Final Report To:

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

Program Module Number:

Priority: 3
 Event Status: A
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 15-MAR-2018
 Biology Request Reviewed By: WATTS_J On: 15-MAR-2018
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped: YES On: 28-FEB-2018
 Sampling Kit Packed By: SHAIK_A
 Preservatives Needed: NO
 Date to Receive Samples: 16-APR-2018
 Received By:

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

Comments: NEED BY MARCH 2

3 - cases of sulfuric acid

Bottle Group A (Water) With 2 Samples:

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-ENQ Template: DEFAULT (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method by UWF Overflow Laboratory for NWD
 Enterococci-Quanti-Tray

Bottle Type: QPCR-P-250ML Number of Bottles: 4 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: P-250ML Number of Bottles: 2 Preserved With: ICE
 TURBIDITY Template: DEFAULT (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
 Turbidity

Bottle Type: BG-500ML Number of Bottles: 2 Preserved With: ICE
 W-E8321-DI Template: SUCRALOSE (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
 *Imazapyr
 *Primidone

Bottle Group A (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
2,4-D		
Bentazon		
Diuron		
Fenuron		
Imidacloprid		
MCPP		
Bottle Type: P-500ML	Number of Bottles: 2	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		

Bottle Group B (Water) With 2 Samples:

Bottle Type: P-250ML	Number of Bottles: 2	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
Turbidity		
Bottle Type: BG-500ML	Number of Bottles: 2	Preserved With: ICE
W-E8321-DI	Template: SUCRALOSE	(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		
*Imazapyr		
*Primidone		
2,4-D		
Bentazon		
Diuron		
Fenuron		
Imidacloprid		
MCPP		
Bottle Type: P-500ML	Number of Bottles: 2	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-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
Kjeldahl Nitrogen		
Bottle Type: BG-1L	Number of Bottles: 2	Preserved With: ICE
W-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
*Sucralose		
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 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by UWF Overflow Laboratory for NWD
Escherichia Coli-Quanti-Tray		
Bottle Type: QPCR-P-250ML	Number of Bottles: 4	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

Bottle Group B (Water) With 2 Samples:

Bottle Type: QPCR-P-250ML Number of Bottles: 4 Preserved With: ICE
 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 Group C (Water) With 1 Samples:

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: P-250ML Number of Bottles: 1 Preserved With: ICE
 TURBIDITY Template: DEFAULT (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
 Turbidity

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

Bottle Group D (Water) With 2 Samples:

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-ENQ Template: DEFAULT (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method by UWF Overflow Laboratory for NWD

Enterococci-Quanti-Tray

Bottle Type: P-250ML Number of Bottles: 2 Preserved With: ICE
 TURBIDITY Template: DEFAULT (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
 Turbidity

Bottle Type: P-500ML Number of Bottles: 2 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

Bottle Group E (Water) With 1 Samples:

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 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by UWF Overflow Laboratory for NWD

Escherichia Coli-Quanti-Tray

Bottle Type: P-250ML Number of Bottles: 1 Preserved With: ICE
 TURBIDITY Template: DEFAULT (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
 Turbidity

Bottle Group E (Water) With 1 Samples:

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		

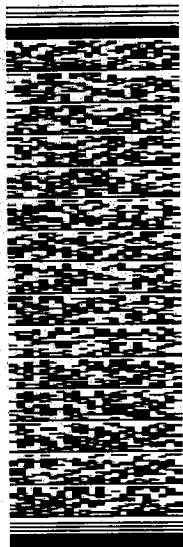
* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

ACTWGT: 15.00 LB
CAD: 100182098/INET3980

ORIGIN ID: PMSA
CHERYL BUNCH
FL DEP NORTHWEST DISTRICT
160 W GOVERNMENT CENTER
STE 308
PENSACOLA, FL 32502
UNITED STATES US

TO AMZAD SHAIK
FL DEP
FL DEP CHEMISTRY SECTION
2600 BLAIR STONE RD
TALLAHASSEE FL 32399
REF: (850) 245-8085
INV: PQ: RMA:

FedEx Express

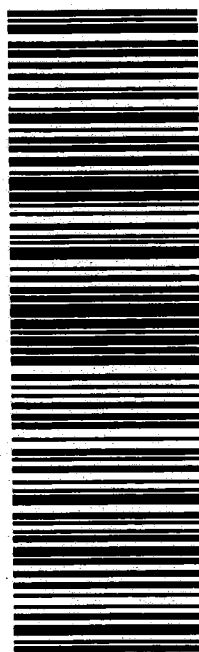


RETURNS MON-FRI
PRIORITY OVERNIGHT

TRK# 7907 9917 2037
0221

32399

FL-US



Part # 156297-435 RRDB EXP 01/19

Do Not Lift Using

FedEx

FedEx

93 MAF

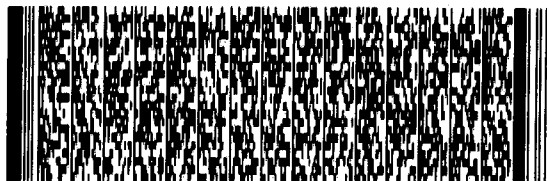
Do Not Lift Using This Tag

ORIGIN ID: PMSA (850) 695-8300
CHERYL BUNCH
FL DEP NORTHWEST DISTRICT
160 W GOVERNMENT CENTER
STE 308
PENSACOLA, FL 32502
UNITED STATES US

SHIP DATE: 28JAN18
ACTWGT: 30.00 LB
CAD: 100182098/INET3980

TO AMZAD SHAIK
FL DEP
FL DEP CHEMISTRY SECTION
2600 BLAIR STONE RD
TALLAHASSEE FL 32399
REF: (850) 245-8085
INV: PQ: RMA:

DEPT:



FedEx Express



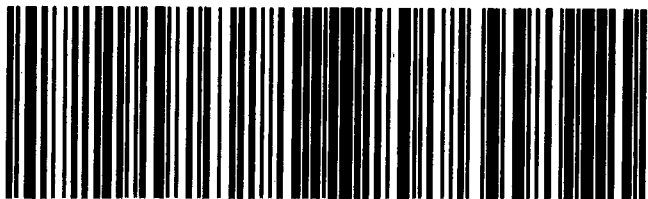
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RETURNS MON-FRI
PRIORITY OVERNIGHT

TRK# 7907 7195 8650
0221

32399

FL-US



Part # 156297-435 RRDB EXP 12/18

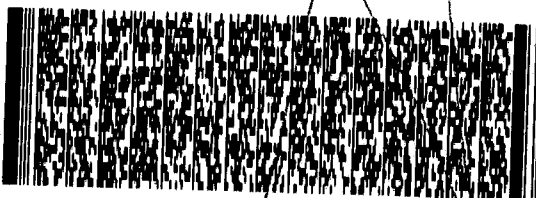
Do Not Lift Using This Tag

ORIGIN ID: PMSA (850) 695-8300
CHERYL BUNCH
FL DEP NORTHWEST DISTRICT
160 W GOVERNMENT CENTER
STE 308
PENSACOLA, FL 32502
UNITED STATES US

SHIP DATE: 28FEB18
ACTWGT: 35.00 LB
CAD: 100182098/INET3980

TO AMZAD SHAIK
FL DEP
FL DEP CHEMISTRY SECTION
2600 BLAIR STONE RD
TALLAHASSEE FL 32399
REF: (850) 245-8085
INV: PQ: RMA:

DEPT:



FedEx Express



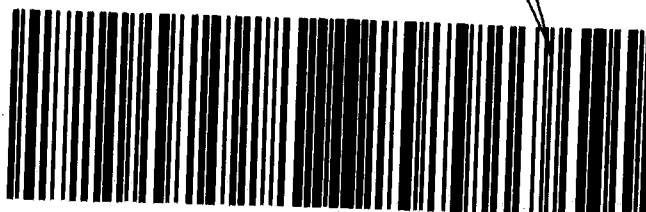
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RETURNS MON-FRI
PRIORITY OVERNIGHT

TRK# 7907 8631 7565
0221

32399

FL-US



Part # 156297-435 RRDB EXP 12/18

Department of Environmental Protection
Water Quality Report Form

Agency 21FLPNS		Station 33020J10	Water Collection Depth: ☒ 0.15 m ☐ Other:		Collection Container Triple Rinsed ☒
		Date 4-16-2018	Time of Grab Sample 850		☒ CST ☐ EST
Water (check as appropriate)		Soils/Sediment		Tissue	
Surface Water ☒	Equip Blank ☐	Terrestrial ☐	Fish ☐	by Foot ☐ ☐ by Boat	
Ground Water ☐	Field Blank ☐	Freshwater Sed ☐	Shellfish ☐	Wading ☐ ☐ Canoe	
Waste Water ☐	Trip Blank ☐	Marine Sed ☐	Other ☐	On Shore ☒ ☐ Gas Motor	
Other:	Duplicate ☐	Sludge ☐			
Parameter Suite	Parameter(s)/Method	Preservation	Acid Lot/Exp	Expiration	Check pH
Preserved Nutrients	☒ TKN ☒ NH ₃ ☐ NO ₂ ☐ NO ₃ ☐ TOC ☐ Other:	☐ Ice ☒ H ₂ SO ₄ 2ml	5A734	12-6-18	☒ <2 pH
Metals	☐ W-ICP ☐ W-FIAS ☐ W-ICPMS ☐ W-ICP-Tr	☐ HNO ₃ 1ml			☐ <2 pH
Filtered Nutrients	☐ PO ₄ ☐ Field Filtered .45 um filter	☐ Ice			
All Other Samples unless otherwise noted		☐ Other:			
Biological Sample Collected: Macroinvertebrates ☐ Phytoplankton ☐ Periphyton ☐ AGP ☐					

Meter ID Num: Smartroll	Equipmt Used: Sample Container ☐ Pole ☒ Syringe ☐ Van Dorn ☐ Other ☐	Equipmt ID Num:	☐ Field Cleaned				
Remarks:		LOCATION Pensacola Bay at Sanders Beach Lat: N Long: W					
Parameter	Unit	Code	Field Value	Parameter	Unit	Code	Lab Request
Field Identity	Number	29	A	Conductivity Lab	UMHO	95	
Temp. Water	°C	10	17.2	pH Lab	Std. Unit	403	
Temp. Air	°C	20		Turbidity, HACH	NTU	76	
Precipitation (24hr)	Inches	45		Color	PT-CO	80	
Cloud Cover	Percent	32	0	BOD, 5 Day	mg/L	310	
Wind Velocity	MPH	35		NFLT Residue	mg/L	530	
Wind Dir. From	Degrees	36		N-NH ₃ , Total	mg/L	610	
Tide Stage	Code	67		Un-Ionized NH ₃	mg/L	619	
Water Depth, Max	Meters	82903	0.7	N-TKN	mg/L	625	
Secchi	Meters	78	>0.7	N-NO ₂ +NO ₃	mg/L	630	
Meter Sample Depth	Meters	98	0.2	Phos-Total	mg/L	665	
Conductivity Field	UMHO	94	32017	Enterococcus	#/100mL	31649	
Salinity	PPTH	480	20.1	Total Coliform	#/100mL	31501	
DO Probe	mg/L	299	7.8	Fecal Coliform	#/100mL	31616	
DO % Saturation	Percent	301	91	Chlorophyll A	UG/L	32210	
pH Field	Std. Unit	400	8.0	Chlorophyll A	Corrected	32211	
Sample Taken By: RL+DM				Report Verified By:			
Report Prepared By: RC				() CHANGE			

Department of Environmental Protection
Water Quality Report Form

Agency 21FLPNS		Station 33020222		Water Collection Depth: ☒ 0.15 m ☐ Other:		Collection Container Triple Rinsed ☒	
Date 4-16-2018		Time of Grab Sample 1100		☒ CST ☐ EST			
Water (check as appropriate)		Soils/Sediment		Tissue		Collection Mode	
Surface Water ☒ Equip Blank ☐		Terrestrial ☐		Fish ☐		by Foot ☐ ☐ by Boat	
Ground Water ☐ Field Blank ☐		Freshwater Sed ☐		Shellfish ☐		Wading ☐ ☐ Canoe	
Waste Water ☐ Trip Blank ☐		Marine Sed ☐		Other ☐		On Shore ☒ ☐ Gas Motor	
Other: Duplicate ☐		Sludge ☐					
Parameter Suite		Parameter(s)/Method		Preservation		Acid Lot/Exp	
Preserved Nutrients		☒ TKN ☒ P ☒ NO2NO3 ☒ NH3 ☐ TOC		Ice H2SO4 2ml		SA 734 1020	
Metals		☐ W-ICP ☐ W-FIAS ☐ W-ICPMS ☐ W-ICP-Tr		☐ HNO3 1ml			
Filtered Nutrients		☐ PO4 ☐ Field Filtered .45 um filter		☐ Ice			
All Other Samples unless otherwise noted		☐ Other:		☐ Ice			
Biological Sample Collected:		Macroinvertebrates ☐		Phytoplankton ☐		Periphyton ☐ AGP ☐	

Meter ID Num: Smartroll		Equipmt Used: Sample Container ☐ Pole ☒ Syringe ☐ Van Dorn ☐ Other ☐		Equipmt ID Num: ☐ Field ☐ Cleaned			
Remarks:				LOCATION			
				Jackson Creek at New Warrington Road			
				Lat: N Long: W			
Parameter	Unit	Code	Field Value	Parameter	Unit	Code	Lab Request
Field Identity	Number	29	E	Conductivity Lab	UMHO	95	
Temp. Water	°C	10	19.3	pH Lab	Std. Unit	403	
Temp. Air	°C	20		Turbidity, HACH	NTU	76	
Precipitation (24hr)	Inches	45	N	Color	PT-CO	80	
Cloud Cover	Percent	32		BOD, 5 Day	mg/L	310	
Wind Velocity	MPH	35		NFLT Residue	mg/L	530	
Wind Dir. From	Degrees	36		N-NH3, Total	mg/L	610	
Tide Stage	Code	67		Un-Ionized NH3	mg/L	619	
Water Depth, Max	Meters	82903	0.4	N-TKN	mg/L	625	
Secchi	Meters	78	20.4	N-NO2 +NO3	mg/L	630	
Meter Sample Depth	Meters	98	0.2	Phos-Total	mg/L	665	
Conductivity Field	UMHO	94	121	Enterococcus	#/100mL	31649	
Salinity	PPTH	480	0.1	Total Coliform	#/100mL	31501	
DO Probe	mg/L	299	7.7	Fecal Coliform	#/100mL	31616	
DO % Saturation	Percent	301	83	Chlorophyll A	UG/L	32210	
pH Field	Std. Unit	400	6.5	Chlorophyll A	Corrected	32211	
Sample Taken By: DM RC				Report Verified By:			
Report Prepared By: DM				() CHANGE			



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Jones Creek Upstream of New Warrington Road

Date: 4/16/2018
(mm/dd/yyyy)

WIN/ Field ID: 33020117

WBID: 846A

Latitude: 30.397866

(Decimal Degrees)

County: Escambia

ORG ID: 21FLPNS

Longitude: 87.278072

(Decimal Degrees)

Receiving Body of Water: Bagan Chico

RQ-2018-03-12-21

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Dana Norton		X	X	X		X
Ryan Cummins		X	X	X		X

Sampling Equipment		
☐ Sample Container	☐ Van Dorn	☒ Pole
☐ Carboy	☐ Syringe	
☒ Dipper	☐ Other	
Depth Measured with: meter		
Equipment ID: Smartroll		

Collection Method		
☐ Wading	☐ Canoe/Kayak	
☒ From Shore	☐ Electric Motor	
☐ Other	☐ Gasoline Motor	

Water Level: Dry/ Pooled/ Low ☒ Normal/ High/ Flooded

Meter ID# Smartroll

Matrix: ☒ Fresh/ Marine/ DI

Photos: Yes / No

Flow: No Flow/ Intertidal ☒ 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 (PPT)	Sp COND (umhos/cm)	Temp. (C°)
EST	1120	0.5	0.2	7.5	6.3	65	6.1	0	60	17.0
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	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H2SO4	4739	12/3/18	☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 um Filter	☐ Ice			
Chlorophyll	☒ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ 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-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Place Preservative Sticker(s) Here
(If Available)

Notes:

Place Label Here

Signature: Dana Norton Date: 4/16/2018

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ QC Station ID, Field Parameters In LIMS DMT: _____

Scan/Save Field Sheets _____ Migrate Data to WIN: _____ Verify Data In WIN: _____



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Bayou Chico at Navy Boulevard Bridge

Date: 4/16/2018
(mm/dd/yyyy)

WIN/ Field ID: 3302JE20

WBID: 846

Latitude: 30.410922

County: Escambia

ORG ID: 21FLPNS

Longitude: 87.258817

Receiving Body of Water: Bayou Chico

RQ-2018- 03-12-21

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Dana Morton					X	X			
Ryan Cummings					X	X	X	X	

Sampling Equipment			
☐ Sample Container	☐ Van Dorn	☒ Pole	
☐ Carboy	☐ Syringe		
☒ Dipper	☐ Other		
Depth Measured with			
Equipment ID Smartroll			

Collection Method			
☐ Wading	☐ Canoe/Kayak		
☒ From Shore	☐ Electric Motor		
☐ Other	☐ Gasoline Motor		

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded

Meter ID# Smartroll

Matrix: Fresh / Marine / DI

Photos: Yes / No

Flow: No Flow / Intestinal / 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 (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1325	0.5	0.2	>0.5	8.4	105	7.5	14.5	23597	22.7
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	☒ W-NH3 / ☐ W-NO2NO3 / ☐ W-TKN / ☐ W-TOC / ☐ W-S-A-TP	☒ Ice ☒ H2SO4	SA 139 1030	12/18	☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice			
Chlorophyll	☒ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY / ☐ W-C-IC / ☐ W-COLOR / ☐ W-SO4-IC / ☐ W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E Coll ☐ F Coll ☒ 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-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA	☐ Ice			
	☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other			

Notes: Sailboat moored ~ 50' away

Place Label Here

Signature: R. Dana Morton Date: 4/16/2018

Enter Field Parameters, Verify Station ID In LIMS DMT: QC Station ID, Field Parameters In LIMS DMT:

Scan/Save Field Sheets Migrate Data to WIN: Verify Data In WIN:

(Initials/Date) (Initials/Date) (Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Bayou Chico at W Street Bridge

Date: 4/16/2018
(mm/dd/yyyy)

WIN/ Field ID: 33020JF1

WBID: 846C

Latitude: 30.415272

(Decimal Degrees)

County: Escambia

ORG ID: 21FLPNS

Longitude: 87.251311

(Decimal Degrees)

Receiving Body of Water: Bayou Chico

RQ-2018- 03-12-21

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Dana Morton									
Ryan Cummings									

Sampling Equipment	
☐ Sample Container	☐ Van Dorn
☐ Carboy	☐ Syringe
☒ Dipper	☐ Other
Depth Measured with	
Equipment ID Smartroll	

Collection Method	
☐ Wading	☐ Canoe/Kayak
☒ From Shore	☐ Electric Motor
☐ Other	☐ Gasoline Motor

Water Level: Dry/ Pooled/ Low / (Normal) / High / Flooded

Meter ID# Smartroll

Matrix: Fresh (Marine) / DI

Photos: Yes / No

Flow: No Flow / Intertidal / (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 (PPT)	Sp COND (umhos/cm)	Temp. (C°)
EST	1350	1.1	0.2	0.7	6.2	71	7.0	0.3	574	21.9
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	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4	54734	12/3/18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 um Filter	☐ Ice			
Chlorophyll	☒ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CHL / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☒ 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-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Notes: Turbidity from upstream project 17.8 NTU

Place Label Here

Signature: R. Dana Morton Date: 4/16/2018

Enter Field Parameters, Verify Station ID in LIMS DMT: _____ QC Station ID, Field Parameters in LIMS DMT: _____

Scan/Save Field Sheets _____ Migrate Data to WIN: _____ Verify Data in WIN: _____

(Initials/Date)

(Initials/Date)

(Initials/Date)

Pensacola NAS, FL

Pensacola Naval Air Station

© 12:56 PM CDT on April 16, 2018 (GMT -0500)

Weather History for KNPA - April, 2018

April

15

2018

View

Sunday, April 15, 2018

Daily

Weekly

Monthly

Custom

	Actual	Average	Record
Temperature			
Mean Temperature	58 °F	-	
Max Temperature	66 °F	73 °F	86 °F (2001)
Min Temperature	48 °F	56 °F	41 °F (2008)
Degree Days			
Heating Degree Days	7		
Growing Degree Days	8 (Base 50)		
Moisture			
Dew Point	48 °F		
Average Humidity	70		
Maximum Humidity	94		
Minimum Humidity	37		
Precipitation			
Precipitation	0.72 in	-	- ()
Sea Level Pressure			
Sea Level Pressure	29.88 in		
Wind			
Wind Speed	7 mph (NW)		

Pensacola NAS, FL

Pensacola Naval Air Station

© 12:56 PM CDT on April 16, 2018 (GMT -0500)

Weather History for KNPA - April, 2018

April

14

2018

View

Saturday, April 14, 2018

Daily Weekly Monthly Custom

	Actual	Average	Record
Temperature			
Mean Temperature	72 °F	-	
Max Temperature	79 °F	73 °F	86 °F (2001)
Min Temperature	66 °F	56 °F	44 °F (2008)
Cooling Degree Days	7		
Growing Degree Days	22 (Base 50)		
Moisture			
Dew Point	69 °F		
Average Humidity	86		
Maximum Humidity	93		
Minimum Humidity	74		
Precipitation			
Precipitation	0.54 in	-	- ()
Sea Level Pressure			
Sea Level Pressure	29.89 in		
Wind			
Wind Speed	14 mph (SSE)		
Max Wind Speed	20 mph		
Max Gust Speed	29 mph		
Visibility	6 miles		