

Date of Request: 15-JAN-2020
 Created By: BUNCH_CA On: 15-JAN-2020
 Modified By: BUNCH_CA On: 15-JAN-2020
 Customer: NW-DIST
 Project: BMAP
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Sampling Event: Bayou Chico BMAP/Blank

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: P
 Criminal Investigation: NO
 Chemistry Request Reviewed By:
 Biology Request Reviewed By:

Sampling Kit Required: YES Ship on: 27-JAN-2020

Sampling Kit Shipped:

Sampling Kit Packed By:

Preservatives Needed: NO

Date to Receive:

Received By: Ref: Date: 28Jan20
 Dep: Wgt: 20.00 LBS
 DV: 0.00

Comments: Svc: PRIORITY OVERNIGHT Master 1278 4011 3979
 TRCK: 1278 4011 3979

Report Type: Final Only

Ref: Date: 28Jan20 SHIPPING: 0.00
 Dep: Wgt: 20.00 LBS SPECIAL: 0.00
 DV: 0.00 HANDLING: 0.00
 TOTAL: 0.00

Svc: PRIORITY OVERNIGHT Master 1278 4011 3979
 TRCK: 1278 4011 3979

SHIPPING: 0.00
 SPECIAL: 0.00
 HANDLING: 0.00
 TOTAL: 0.00

Bottle Group A (Water) With 3 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
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		
NW-UWF-ENQ Template: DEFAULT	(Enterolert/QT)	Enterococci by Enterolert/QT by UWF in Pensacola
Enterococci-Quanti-Tray		
TURBIDITY Template: DEFAULT	(EPA 180.1 Rev. 2.0)	Turbidity in aqueous matrices
Turbidity		
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 3 Samples:

Bottle Type:	Number of Bottles:	Preserved With:
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		
NW-UWF-ECQ Template: DEFAULT	(SM 9223 B Quanti-Tray)	E. coli by Colilert-18/QT by UWF in Pensacola
Escherichia Coli-Quanti-Tray		
TURBIDITY Template: DEFAULT	(EPA 180.1 Rev. 2.0)	Turbidity in aqueous matrices
Turbidity		

Water Quality Report Form

Agency 21FLPNS		Station 33020J10		Water Collection Depth: ☒ 0.15 m ☐ Other:		Collection Container Triple Rinsed ☐	
		Date 3/9/20		Time of Grab Sample 9:20		☒ 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 ☒ TP ☒ NO2NO3 ☒ NH3 ☐ TOC ☐ Other:		☒ Ice ☒ H2SO4 2ml		SA9301030	
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: <i>mita</i>		☐ Ice			
Biological Sample Collected:		Macroinvertebrates ☐		Phytoplankton ☐		Periphyton ☐ AGP ☐	

Meter ID Num: <i>Smart Moll</i>		Equipmt Used: Sample Container ☐ Dipper ☒ Container on Pole ☐ Van Dorn ☐		Equipmt ID Num: ☐ Field Cleaned			
Remarks: <i>Windy 710 knots</i>				LOCATION Pensacola Bay at Sanders Beach Lat: N Long: W			
Parameter	Unit	Code	Field Value	Parameter	Unit	Code	Lab Request
Field Identity	Number	29	33020J10	Conductivity Lab	UMHO	95	
Temp. Water	°C	10	16.28	pH Lab	Std. Unit	403	
Temp. Air	°C	20		Turbidity, HACH	NTU	76	
Precipitation (48hr)	Inches	45	N	Color	PT-CO	80	
Cloud Cover	Percent	32	80	BOD, 5 Day	mg/L	310	
Wind Velocity	MPH	35	710	NFLT Residue	mg/L	530	
Wind Dir. From	Degrees	36	115	N-NH3, Total	mg/L	610	
Tide Stage	Code	67		Un-ionized NH3	mg/L	619	
Water Depth, Max	Meters	82903	0.7	N-TKN	mg/L	625	
Secchi	Meters	78	0.03	N-NO2 +NO3	mg/L	630	
Meter Sample Depth	Meters	98	0.15	Phos-Total	mg/L	665	
Conductivity Field	UMHO	94	21301.0	Enterococcus	#/100mL	31649	
Salinity	PPTH	480	12.9	Total Coliform	#/100mL	31501	
DO Probe	mg/L	299	9.40	Fecal Coliform	#/100mL	31616	
DO % Saturation	Percent	301	101.8	Chlorophyll A	UG/L	32210	
pH Field	Std. Unit	400	7.43	Chlorophyll A	Corrected	32211	
Sample Taken By: <i>A. McCame, D. Martin</i>				Report Verified By:			
Report Prepared By: <i>A. McCame</i>				() CHANGE			

Department of Environmental Protection
Water Quality Report Form

Agency 21FLPNS		Station		Water Collection Depth: ☐ 0.20m ☐ Other:		Collection Container Trip	
				Date 3/9/20		Time of Grab Sample 9:45 CST	
Water (check as appropriate)			Soils/Sediment		Tissue		Collection Method
Surface Water	☐	Equip Blank	☒	Terrestrial	☐	Fish	☐ by Foot ☐
Ground Water	☐	Field Blank	☐	Freshwater Sed	☐	Shellfish	☐ Wading ☐
Waste Water	☐	Trip Blank	☐	Marine Sed	☐	Other	☐ On Shore ☐
Other:		Duplicate	☐	Sludge	☐		
Parameter Suite		Parameter(s)/Method			Preservation	Acid Lot/Exp	Expiration
Preserved Nutrients		☒ TKN ☒ TP ☒ NO2NO3 ☒ NH3 ☐ TOC			☒ Ice	SA9301030	10/28/2020
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 ☐							

Meter ID Num:		Equipmt Used:		Sample Container ☒ Dipper ☒ Syringe ☐ Van Dorn ☐ Other ☐		Equipmt ID Num:	
Remarks:				LOCATION			
				Field Equipment Blank Lat: N Long: W			
Parameter	Unit	Code	Field Value	Parameter	Unit	Code	
Field Identity	Number	29	EB	Conductivity Lab	UMHO	95	
Temp. Water	°C	10		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		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		N-TKN	mg/L	625	
Secchi	Meters	78		N-NO2 +NO3	mg/L	630	
Meter Sample Depth	Meters	98		Phos-Total	mg/L	665	
Conductivity Field	UMHO	94		Enterococcus	#/100mL	31649	
Salinity	PPTH	480		Total Coliform	#/100mL	31501	
DO Probe	mg/L	299		Fecal Coliform	#/100mL	31616	
DO % Saturation	Percent	301		Chlorophyll A	UG/L	32210	
pH Field	Std. Unit	400		Chlorophyll A	Corrected	32211	
Sample Taken By: D. McCaskey, D. Morton				Report Verified By:			
Report Prepared By: A. McCaskey				() CHANGE			

Water Quality Report Form

Agency 21FLPNS		Station 33020JD4		Water Collection Depth: ☒ 0.15m ☐ Other:		Collection Container Triple Rinsed ☐	
		Date 3/9/20		Time of Grab Sample 9:55		☒ CST ☐ EST	
Water (check as appropriate)		Soils/Sediment		Tissue		Collection Mode	
Surface Water ☒		Equip Blank ☐		Fish ☐		by Foot ☐ ☐ by Boat	
Ground Water ☐		Field Blank ☐		Shellfish ☐		Wading ☒ ☐ Canoe	
Waste Water ☐		Trip Blank ☐		Other ☐		On Shore ☐ ☐ Gas Motor	
Other: Duplicate ☐		Sludge ☐					
Parameter Suite		Parameter(s)/Method		Preservation		Acid Lot	
Preserved Nutrients		☒ TKN ☒ TP ☒ NO2NO3 ☒ NH3 ☐ TOC ☐ Other:		☒ Ice ☐ H2SO4 2ml		SA9301030	
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: mlars		☒ Ice			
Biological Sample Collected:		Macroinvertebrates ☐		Phytoplankton ☐		Periphyton ☐ AGP ☐	

Meter ID Num: Smart TROLL		Equipmt Used:		Sample Container ☒ Dipper ☐ Container on Pole ☐ Van Dorn ☐		Equipmt ID Num:		☐ Field Cleaned	
Remarks:				LOCATION SW Arm Bayou Chico N of Mandalay Drive Lat: N Long: W					
Parameter	Unit	Code	Field Value	Parameter	Unit	Code	Lab Request		
Field Identity	Number	29	33020JD4	Conductivity Lab	UMHO	95			
Temp. Water	°C	10	17.32	pH Lab	Std. Unit	403			
Temp. Air	°C	20		Turbidity, HACH	NTU	76			
Precipitation (48hr)	Inches	45	N	Color	PT-CO	80			
Cloud Cover	Percent	32	80	BOD, 5 Day	mg/L	310			
Wind Velocity	MPH	35	> 10	NFLT Residue	mg/L	530			
Wind Dir. From	Degrees	36	115	N-NH3, Total	mg/L	610			
Tide Stage	Code	67	Low	Un-Ionized NH3	mg/L	619			
Water Depth, Max	Meters	82903	0.6	N-TKN	mg/L	625			
Secchi	Meters	78	100	N-NO2 +NO3	mg/L	630			
Meter Sample Depth	Meters	98	0.15	Phos-Total	mg/L	665			
Conductivity Field	UMHO	94	19319.5	Enterococcus	#/100mL	31649			
Salinity	PPTH	480	11.6	Total Coliform	#/100mL	31501			
DO Probe	mg/L	299	8.70	Fecal Coliform	#/100mL	31616			
DO % Saturation	Percent	301	95.4	Chlorophyll A	UG/L	32210			
pH Field	Std. Unit	400	7.50	Chlorophyll A	Corrected	32211			
Sample Taken By: A. McNamee, D. Morton				Report Verified By:					
Report Prepared By: A. McNamee				() CHANGE					

Water Quality Report Form

Agency 21FLPNS		Station 33020221		Water Collection Depth: ☒ 0.15m ☐ Other:		Collection Container Triple Rinsed ☒	
Date 3/9/20		Time of Grab Sample 10:25		☒ CST ☐ EST			
Water (check as appropriate)		Soils/Sediment		Tissue		Collection Mode	
Surface Water ☒		Equip Blank ☐		Terrestrial ☐		Fish ☐	
Ground Water ☐		Field Blank ☐		Freshwater Sed ☐		Shellfish ☐	
Waste Water ☐		Trip Blank ☐		Marine Sed ☐		Other ☐	
Other: Duplicate ☐		Sludge ☐					
Parameter Suite		Parameter(s)/Method		Preservation		Acid Lot	
Preserved Nutrients		☒ TKN ☒ TP ☒ NO2+NO3 ☒ NH3 ☐ TOC		☒ H2SO4 2ml		SA9301030	
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: <i>Smc + Droll</i>		Equipmt Used:		Sample Container ☐ Dipper ☒		Equipmt ID Num:		☐ Field Cleaned	
Remarks:				LOCATION Jackson Creek at Old Corry Road					
				Lat: N Long: W					
Parameter	Unit	Code	Field Value	Parameter	Unit	Code	Lab Request		
Field Identity	Number	29	33020221	Conductivity Lab	UMHO	95			
Temp. Water	°C	10	19.31	pH Lab	Std. Unit	403			
Temp. Air	°C	20		Turbidity, HACH	NTU	76			
Precipitation (48hr)	Inches	45	N	Color	PT-CO	80			
Cloud Cover	Percent	32	70	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	0.35	N-TKN	mg/L	625			
Secchi	Meters	78	VOB	N-NO2 + NO3	mg/L	630			
Meter Sample Depth	Meters	98	0.15	Phos-Total	mg/L	665			
Conductivity Field	UMHO	94	146.7	Enterococcus	#/100mL	31649			
Salinity	PPTH	480	0.1	Total Coliform	#/100mL	31501			
DO Probe	mg/L	299	9.55	Fecal Coliform	#/100mL	31616			
DO % Saturation	Percent	301	91.0	Chlorophyll A	UG/L	32210			
pH Field	Std. Unit	400	7.76	Chlorophyll A	Corrected	32211			
Sample Taken By: <i>P. McNamee, P. Martin</i>				Report Verified By:					
Report Prepared By: <i>P. McNamee</i>				() 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 3/9/20		Time of Grab Sample 10:45		☒ 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	
Preserved Nutrients		☒ TKN ☒ TP ☒ NO2NO3 ☒ NH3 ☐ TOC		Ice		SA9301030	
		☐ Other:		☒ H2SO4 2ml		10/28/2020	
Metals		☐ W-ICP ☐ W-FIAS ☐ W-ICPMS ☐ W-ICP-Tr		☐ HNO3 1ml		☐ <2 pH	
Filtered Nutrients		☐ PO4 ☐ Field Filtered .45 um filter		☐ Ice			
All Other Samples unless otherwise noted		☒ Other: Micro		☐ Ice			
Biological Sample Collected:		Macroinvertebrates ☐		Phytoplankton ☐		Periphyton ☐ AGP ☐	

Meter ID Num: Smart TROLL		Equipmt Used:		Sample Container ☐ Dipper ☒		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	33020222	Conductivity Lab	UMHO	95			
Temp. Water	°C	10	19.43	pH Lab	Std. Unit	403			
Temp. Air	°C	20		Turbidity, HACH	NTU	76			
Precipitation (48hr)	Inches	45	N	Color	PT-CO	80			
Cloud Cover	Percent	32	80	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	508	N-NO2 +NO3	mg/L	630			
Meter Sample Depth	Meters	98	0.15	Phos-Total	mg/L	665			
Conductivity Field	UMHO	94	129.3	Enterococcus	#/100mL	31649			
Salinity	PPTH	480	0.1	Total Coliform	#/100mL	31501			
DO Probe	mg/L	299	9.25	Fecal Coliform	#/100mL	31616			
DO % Saturation	Percent	301	99.9	Chlorophyll A	UG/L	32210			
pH Field	Std. Unit	400	7.25	Chlorophyll A	Corrected	32211			
Sample Taken By: A. McLerner p. Martin				Report Verified By:					
Report Prepared By: A. McLerner				() CHANGE					

Department of Environmental Protection
Water Quality Report Form

Agency 21FLPNS		Station 33020117		Water Collection Depth: ☒ 0.15m ☐ Other:		Collection Container Triple Rinsed ☒	
		Date 3/9/20		Time of Grab Sample 11:58		☒ 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	Expiration	Check pH
Preserved Nutrients		☒ TKN ☒ TP ☒ NO2NO3 ☒ NH3 ☐ TOC		☐ Ice			
		☐ Other:		☒ H2SO4 2ml	SA9301030	10/28/2020	☒ <2 pH
Metals		☐ W-ICP ☐ W-FIAS ☐ W-ICPMS ☐ W-ICP-Tr		☐ HNO3 1ml			☐ <2 pH
Filtered Nutrients		☐ PO4 ☐ Field Filtered .45 um filter		☐ Ice			
All Other Samples unless otherwise noted		☒ Other: Micro		☒ Ice			
Biological Sample Collected: Macroinvertebrates ☐ Phytoplankton ☐ Periphyton ☐ AGP ☐							

Meter ID Num: SmartROLL		Equipmt Used: Sample Container ☐ Dipper ☒ Container on Pole ☐ Van Dorn ☐		Equipmt ID Num:		☐ Field Cleaned	
Remarks:				LOCATION Jones Creek Upstream of New Warrington Road Lat: N Long: W			
Parameter	Unit	Code	Field Value	Parameter	Unit	Code	Lab Request
Field Identity	Number	29	33020117	Conductivity Lab	UMHO	95	
Temp. Water	°C	10	16.30	pH Lab	Std. Unit	403	
Temp. Air	°C	20		Turbidity, HACH	NTU	76	
Precipitation (48hr)	Inches	45	N	Color	PT-CO	80	
Cloud Cover	Percent	32	90	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	0.35	N-TKN	mg/L	625	
Secchi	Meters	78	VOB	N-NO2 +NO3	mg/L	630	
Meter Sample Depth	Meters	98	0.15	Phos-Total	mg/L	665	
Conductivity Field	UMHO	94	76.0	Enterococcus	#/100mL	31649	
Salinity	PPTH	480	0.0	Total Coliform	#/100mL	31501	
DO Probe	mg/L	299	7.13	Fecal Coliform	#/100mL	31616	
DO % Saturation	Percent	301	71.5	Chlorophyll A	UG/L	32210	
pH Field	Std. Unit	400	7.03	Chlorophyll A	Corrected	32211	
Sample Taken By: A. McNamee, D. Morton				Report Verified By:			
Report Prepared By: A. McNamee				() CHANGE Date Submitted			

Department of Environmental Protection
Water Quality Report Form

Agency 21FLPNS		Station 3302JE20		Water Collection Depth: ☒ 0.15m ☐ Other:		Collection Container Triple Rinsed ☒	
		Date 3/9/20		Time of Grab Sample 13:00		☒ 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	Expiration	Check pH
Preserved Nutrients		TKN ☐ TP ☐ NO2 ☐ NO3 ☐ NH3 ☐ TOC ☐		Ice ☐	SA9301030	10/28/2020	☒ <2 pH
Metals		IW-ICP ☐ IW-FIAS ☐ IW-ICPMS ☐ IW-ICP-Tr ☐		HN03 1ml ☐			☐ <2 pH
Filtered Nutrients		PO4 ☐ Field Filtered .45 um filter ☐		Ice ☐			
All Other Samples unless otherwise noted		Other: ☒ M.L.S.S.		Ice ☐			
Biological Sample Collected: Macroinvertebrates ☐ Phytoplankton ☐ Periphyton ☐ AGP ☐							

Meter ID Num: <i>5mastirolk</i>		Equipmt Used:		Sample Container ☐	Dipper ☒	Equipmt ID Num:		Field Cleaned ☐
				Container on Pole ☐	Van Dorn ☐			
Remarks:				LOCATION Bayou Chico at Navy Boulevard Bridge Lat: N Long: W				
Parameter	Unit	Code	Field Value	Parameter	Unit	Code	Lab Request	
Field Identity	Number	29	3302JE20	Conductivity Lab	UMHO	95		
Temp. Water	°C	10	19.36	pH Lab	Std. Unit	403		
Temp. Air	°C	20		Turbidity, HACH	NTU	76		
Precipitation (48hr)	Inches	45	N	Color	PT-CO	80		
Cloud Cover	Percent	32	80	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	0.6	N-TKN	mg/L	625		
Secchi	Meters	78	VOB	N-NO2 +NO3	mg/L	630		
Meter Sample Depth	Meters	98	0.15	Phos-Total	mg/L	665		
Conductivity Field	UMHO	94	18451.2	Enterococcus	#/100mL	31649		
Salinity	PPTH	480	11.0	Total Coliform	#/100mL	31501		
DO Probe	mg/L	299	8.29	Fecal Coliform	#/100mL	31616		
DO % Saturation	Percent	301	94.4	Chlorophyll A	UG/L	32210		
pH Field	Std. Unit	400	6.29	Chlorophyll A	Corrected	32211		
Sample Taken By: <i>A. McNamee, P. Moran</i>				Report Verified By:				
Report Prepared By: <i>A. McNamee</i>				() CHANGE Date Submitted				

Department of Environmental Protection

Water Quality Report Form

Agency 21FLPNS		Station 33020JF1		Water Collection Depth: ☒ 0.15m ☐ Other:		Collection Container Triple Rinsed ☒	
		Date 3/9/20		Time of Grab Sample 13:15		☒ 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	
Preserved Nutrients		☒ TKN ☒ TP ☒ NO2+NO3 ☒ NH3 ☐ TOC ☐ Other:		☒ Ice ☒ H2SO4 2ml		SA9301030	
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: micro		☒ Ice			
Biological Sample Collected:		Macroinvertebrates ☐		Phytoplankton ☐		Periphyton ☐ AGP ☐	

Meter ID Num: SmartROLL		Equipmt Used:		Sample Container ☐ Dipper ☒ Container on Pole ☐ Van Dorn ☐		Equipmt ID Num:		☐ Field ☐ Cleaned	
Remarks:				LOCATION Bayou Chico at W Street Lat: N Long: W					
Parameter	Unit	Code	Field Value	Parameter	Unit	Code	Lab Request		
Field Identity	Number	29	33020JF1	Conductivity Lab	UMHO	95			
Temp. Water	°C	10	20.62	pH Lab	Std. Unit	403			
Temp. Air	°C	20		Turbidity, HACH	NTU	76			
Precipitation (48hr)	Inches	45	N	Color	PT-CO	80			
Cloud Cover	Percent	32	90	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	1.3	N-TKN	mg/L	625			
Secchi	Meters	78	0.5	N-NO2 +NO3	mg/L	630			
Meter Sample Depth	Meters	98	0.15	Phos-Total	mg/L	665			
Conductivity Field	UMHO	94	9256.6	Enterococcus	#/100mL	31649			
Salinity	PPTH	480	5.2	Total Coliform	#/100mL	31501			
DO Probe	mg/L	299	9.18	Fecal Coliform	#/100mL	31616			
DO % Saturation	Percent	301	103.5	Chlorophyll A	UG/L	32210			
pH Field	Std. Unit	400	6.63	Chlorophyll A	Corrected	32211			
Sample Taken By: A. McNamee, D. Martin				Report Verified By:					
Report Prepared By: A. McNamee				() CHANGE					

Bayou Chico BMAP/Blank

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By: A. McNamee

Project ID: BMAP

Collected By: A. McNamee, D. Watson

Sampling Agency: ECHO

Location		☐ Comp		Collection (comp begin or grab)		☒ Grab		Date 2/4/20		Time 9:45		Eastern		Composite end		Date		Time		Bottle Group(s)	
WIN ID/Field ID		☒ Grab		Date 2/4/20		Time 9:45		Eastern		Composite end		Date		Time		Bottle Group(s)		(See pg 2)			
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine		☐ % sat		(mg/L)									
WIN/S		Location		Temp (C)		pH		Sample Depth		☐ ft		Sp. Conductance (umho/cm)									
Latitude		Equipment Blank-Group C		☐ dd		Salinity (ppt)		Comments													
Location		☐ dms																			
WIN ID/Field ID		☒ Comp		Collection (comp begin or grab)		☒ Grab		Date 2/4/20		Time 9:20		Eastern		Composite end		Date		Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine		☒ % sat		(mg/L)									
WIN/S		Location		Temp (C)		pH		Sample Depth		☐ ft		Sp. Conductance (umho/cm)									
Latitude		Pensacola Bay at Sanders Beach-Bottle Group C		☐ dd		Salinity (ppt)		Comments													
Location		☐ dms																			
WIN ID/Field ID		☒ Comp		Collection (comp begin or grab)		☒ Grab		Date 2/4/20		Time 9:55		Eastern		Composite end		Date		Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine		☒ % sat		(mg/L)									
WIN/S		Location		Temp (C)		pH		Sample Depth		☐ ft		Sp. Conductance (umho/cm)									
Latitude		Bayou Chico at Mandalay Drive-Bottle Group A		☐ dd		Salinity (ppt)		Comments													
Location		☐ dms																			
WIN ID/Field ID		☒ Comp		Collection (comp begin or grab)		☒ Grab		Date 2/4/20		Time 10:25		Eastern		Composite end		Date		Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☒ mg/L		Total Res. Chlorine		☒ % sat		(mg/L)									
WIN/S		Location		Temp (C)		pH		Sample Depth		☐ ft		Sp. Conductance (umho/cm)									
Latitude		Jackson Creek @ Old Corry Road-Bottle Group B		☐ dd		Salinity (ppt)		Comments													
Location		☐ dms																			

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time

A. Smith

3/9/20

1630

Fedex

2

Bayou Chico BMAP/Blank

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Cheryl Bunch

Field Report Prepared By: A. McCarver

Project ID: BMAP

Collected By: A. McCarver, D. Mottson

Sampling Agency: Ecolym

Location		☐ Comp		Collection (comp begin or grab)		☒ Grab		Date 3/4/20		Time 10:45		Eastern		Composite end		Date		Time		Bottle Group(s)	
WIN ID/Field ID		☒ Grab		Matrix (type, e.g., Salt, Fresh, etc)		Fresh		Diss. Oxygen		9.25/94.9		☒ mg/L		Total Res. Chlorine						(See pg 2)	
Field ID		33020222		Temp		19.43		pH		7.25		Sample Depth		0.15		☒ ft		☒ m		Sp. Conductance (umho/cm)	
WIN/ST		Location		Jackson Creek at New Warrington Road-Group B																B	
Latitude		☐ dms		Salinity (ppt)		0.1		Comments													
Location		WIN ID/Field ID		☒ Comp		Collection (comp begin or grab)		Date 3/4/20		Time 11:05		Eastern		Composite end		Date		Time		Bottle Group(s)	
Field ID		33020117		☒ Grab		Matrix (type, e.g., Salt, Fresh, etc)		Fresh		Diss. Oxygen		7.13/71.5		☒ mg/L		Total Res. Chlorine				B	
WIN/ST		Location		Jones Creek Upstream of New Warrington Rd-Bottle Group B																	
Latitude		☐ dms		Salinity (ppt)		0.0		Comments													
Location		WIN ID/Field ID		☒ Comp		Collection (comp begin or grab)		Date 3/4/20		Time 11:00		Eastern		Composite end		Date		Time		Bottle Group(s)	
Field ID		33020117		☒ Grab		Matrix (type, e.g., Salt, Fresh, etc)		Salt		Diss. Oxygen		8.29/94.4		☒ mg/L		Total Res. Chlorine				A	
WIN/ST		Location		Bayou Chico at Hwy 90-Bottle Group A																	
Latitude		☐ dms		Salinity (ppt)		11.0		Comments													
Location		WIN ID/Field ID		☒ Comp		Collection (comp begin or grab)		Date 3/4/20		Time 11:15		Eastern		Composite end		Date		Time		Bottle Group(s)	
Field ID		33020117		☒ Grab		Matrix (type, e.g., Salt, Fresh, etc)		Salt		Diss. Oxygen		9.15/103.5		☒ mg/L		Total Res. Chlorine				A	
WIN/ST		Location		Bayou Chico at Hwy 90-Bottle Group A																	
Latitude		☐ dms		Temp (C)		20.02		pH		6.63		Sample Depth		0.15		☒ ft		☒ m		Sp. Conductance (umho/cm)	
WIN/ST		Location		Bayou Chico at Hwy 90-Bottle Group A																	
Latitude		☐ dms		Salinity (ppt)		5.2		Comments													

Relinquished By:

Date/Time

Shipping Method

Number of Coolers Shipped:

Received By:

Date/Time



Meter ID: Sanqitron II
Project: BIMAP

Method/Parameter		Analyst	MMDDYY	24 HH:MM	Acceptance Criteria	
DEP SOP FT 1400		Initials	Date	Time	± 0.5 °C	
Temperature						
CAL	ICV CCV MAINT					Pass Fail
DEP SOP FT 1600		Initials	Date	Time	± 5%	
Turbidity						
CAL	ICV CCV MAINT					Pass Fail
DEP SOP FT 1500		Initials	Date	Time	± 0.3 mg/l	
Dissolved Oxygen						
CAL	ICV CCV MAINT					Pass Fail
CAL	ICV CCV MAINT					Pass Fail
CAL	ICV CCV MAINT					Pass Fail
CAL	ICV CCV MAINT					Pass Fail
DEP SOP FT 1200		Initials	Date	Time	± 5%	
Specific Conductance						
CAL	ICV CCV MAINT					Pass Fail
CAL	ICV CCV MAINT					Pass Fail
CAL	ICV CCV MAINT					Pass Fail
CAL	ICV CCV MAINT					Pass Fail
CAL	ICV CCV MAINT					Pass Fail
DEP SOP FT 1100		Initials	Date	Time	± 0.2 SU	
pH						
CAL	ICV CCV MAINT					Pass Fail
CAL	ICV CCV MAINT					Pass Fail
CAL	ICV CCV MAINT					Pass Fail
CAL	ICV CCV MAINT					Pass Fail
CAL	ICV CCV MAINT					Pass Fail
DEP SOP FT 1000		Initials	Date	Time	± 20 mV	
ORP						
CAL	ICV CCV MAINT					Pass Fail
CAL	ICV CCV MAINT					Pass Fail
CAL	ICV CCV MAINT					Pass Fail
CAL	ICV CCV MAINT					Pass Fail

Notes: