

FIELD PARAMETERS DATA SHEET

SD102312-5
Site Br #78 TMT

EVRGWC0120FTM 10/23/2012

SURVEY/PROJECT: TMT Canal (West Coast)

SAMPLERS: ~~Albert Watson~~ Ben Paswater/Corey Anderson

SONDE #: B10

STA #	STATION DESCRIPTION	Parameter:	DATE	TIME	SAMPLE DEPTH	WATER TEMP	COND	pH	DO SAT	DO	SAL	TURB	SECCHI DEPTH	RPWS	GAGE HEIGHT
		Units:													
		Code:	73672			68	94	400	301	299	480	82078	198	72109	65
	Bridge 78 TMT		2012/02/23	1126	0-15	24.70	417	6.91	37.7	3.13	0.2		1.84		
	Visitor's Center			1127	1.0	24.69	417	6.98	37.2	2.83	0.20				
	Bio Response (Fish, Mussels, Birds, etc)?														
	Gambusia														

SAV Present?
 Pterygophanes australis
 Typha
 Rhipidophora manjula
 Delonix Halli
 Nymphaea odorata

LAT: LONG:

COUNTY: Collier

WATERBODY CLASS: III

TOTAL DEPTH: 1.0

EST. WIDTH (FEET): 25

LOCATION ON CANAL: EAST CENTER WEST

EST. AREA (FEET²):

DIRECTION OF CANAL FLOW: West

EST. VELOCITY (FEET/S): 0.25

WEATHER: Clear

ADDITIONAL NOTES: ~~measuring water~~ very high water, flowing East and SouthSAMPLER SIGNATURE: *[Signature]*

BIOLOGICAL OBSERVATIONS/NOTES

Water flowing west and to the South.
 Water flowing very fast under the bridge to the South at 35 ft/sec

SURVEY/PROJECT: TMT Canal (West Coast)

SAMPLERS: Albert Walton/Ben Paswater/Corey Anderson

SONDE #: B/C

[illegible]

LAT:

LONG:

COUNTY: Collier

WATERBODY CLASS: II

TOTAL DEPTH:

EST. WIDTH (FEET):

১০

LOCATION ON CANAL:

EAST

CENTER

WEST

DIRECTION OF CAN

LOW: West and South

WEATHER: Sunny

ADDITIONAL NOTES:

SAMPLER SIGNATURE:

BIOLOGICAL OBSERVATIONS/NOTES

Flowing South - high water out into grasslands
Lots of Brazilian pepper



SD102312-7

Blank

Time:

1135

10/23/2012

Calibration Log - Instrument Number 1510Boldly x this
box if there is
qualified data
on this page.Date: 10/23/12 Calibration time 0720 By: Corey Anderson
Print Full Name**Temperature / monthly** Date of last temperature verification 9-5-12

The following parameters are done on the basis of initial calibration daily with post sampling verification daily.

Dissolved Oxygen

In calibrate mode:

Initial Reading: 8.51 mg/L @ Temp 23.95 C %DO 101.0 (P) FCalibrated Reading: 8.44 mg/L @ Temp 23.92 C %DO 100.0 (P) F

In Run Mode

Initial Verification: 8.54 mg/L @ Temp 23.40 C %DO 100.3 (P) F**Sp. Conductance**

In calibrate mode

Calibration: Standard 100 log ref. # 101 Temp 24.75 Initial Reading 99 Calibrated Reading 100 (P) F

In Run Mode

Initial Verification: Standard 100 log ref. # 101 Temp 24.66 Initial Reading 100 Calibrated Reading 100 (P) F**PH**

Standard log ref # Initial Reading Temp Calibrated Reading Temp.

In calibrate mode

7.00 SU 48 6.92 24.56 C 7.00 24.54 C (P) F4.00 SU 55 3.98 25.36 C 4.00 25.33 C (P) F10.00 SU 47 10.01 24.73 C 10.00 24.71 C (P) F

In Run Mode

Initial Verification standard 10.0 SU log ref # 47 actual reading 10.00 SU 24.58 C (P) F**Post Sampling Check**Date: 10/23/12 Time: 1405 By: Corey Anderson
Print Full NameDissolved Oxygen 8.34 mg/L @ Temp 24.64 C %DO 100.2 (P) F

Note: For post sampling check of Conductivity and pH use a standard that brackets measured results for the days sampling.

Specific Cond. Standard log ref. # Reading

In Run Mode

500 ± 25 120 484 (P) F

PH bracketing standard log ref. # Reading Temperature

In Run Mode

Post Sample 4.0 SU 55 3.96 SU 24.35 C (P) FDate of last monthly maintenance 9-5-12

NOTES: (date, time and initials)

PROJECT: Tamiami Trail CanalAcceptance criteria (DO ± 0.3 mg/L) (sp. Conductance $\pm 5\%$) (pH ± 0.2 SU)

updated: 8/7/12

Cooler Packing Worksheet for Request: RQ-2012-10-22-20**Tamiami Canal West****Ship Cooler On: 10/12/2012****Customer/Project: WQ-ASSESS/TMDL**

Requester: Kathryn Brackett

Priority: 3

561-682-2664

Florida Department of Environmental Protection

2295 Victoria Avenue, Suite 364

Ft. Myers, FL 33901

Attn: Jennifer Nelson

Comments:

Please Ship in 2 Coolers

Requested Analyses:**Group: A****# of Sites: 7****Container ID: P-1L****Qty: 7****Preservation: ICE****Lot #**00053033**Description: Plastic Bottle 1L****Analysis**

BOD-UNIN

Description

BOD, NOT nitrogen-inhibited

Container ID: BP-1L**Qty: 7****Preservation: ICE****Lot #**REC-WASH**Description: Brown Plastic Bottle 1L****Analysis**

CHL-CORR-W

Description

Phytoplankton chlorophyll-a (corrected for phaeophytin) and phaeophytin by spectrophotometry

Container ID: P-1L**Qty: 7****Preservation: ICE****Lot #**00053033**Description: Plastic Bottle 1L****Analysis**

TURBIDITY

W-ALK

W-CL-IC

W-COLOR

W-TSS

Description

Turbidity in aqueous matrices

Alkalinity in aqueous matrices as mg CaCO₃/L

Chloride in aqueous matrices

True Color measured at 450 nm or Apparent Color

Total Suspended Solids in aqueous matrices

Container ID: P-125ML**Qty: 7****Preservation: ICE And H₂SO₄****Lot #**00052858**Description: Plastic Bottle 125 mL****Analysis**

W-DOC

Description

Dissolved Nonpurgeable Organic Carbon in filtered, aqueous matrices

Container ID: P-500ML

Qty: 7

Preservation: ICE And H2SO4

Lot # 00053781

Description: Plastic Bottle 500 mL

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 7

Preservation: ICE-FLTR

Lot # 00052858

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: ICU

Date: 10/15/12

DEP Cooler ID #(s): ~~1 cooler~~ 3 coolers

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle (1 per cooler)
- ☒ FedEx Bills, if applicable (1 per cooler)
- ☒ Plastic Bags

If Preservation Included:

ID _____	Lot # _____
ID _____	Lot # _____
ID _____	Lot # _____
ID _____	Lot # _____

Cooler received intact? (Circle one) Yes No Received By/Date: _____

PLEASE RETURN ALL COOLERS FOR RQ-2012-10-22-20