

Hatchineha / Skeeter

Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By:

Project ID: SMP

Collected By:

Mike Drannon / Katie Williams

Sampling Agency:

Mike Drannon
FDEP CEROC

Location <u>Lake Jackson @ Center</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>1/12/16</u> Time <u>1115</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID <u>64CE0053_01122016</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>10.3</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>—</u>
STORET # <u>26010027</u>		Temp (C) <u>16.5</u>	pH <u>8.2</u>	Sample Depth <u>.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>121</u>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.06</u>	Comments <u>Sample site choked with Hydrilla</u>			
Location <u>Jackson Canal @ 1100 m downstream</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>1/12/16</u> Time <u>1210</u>	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <u>64CE0060_01122016</u>		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>4.8</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) <u>—</u>
STORET # <u>26011459</u>		Temp (C) <u>16.8</u>	pH <u>6.5</u>	Sample Depth <u>.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>129</u>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>0.06</u>	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	☐ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
STORET #		Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	☐ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
STORET #		Temp (C)	pH	Sample Depth ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
			<u>AFB</u>	<u>01-13-16</u>				
				<u>09-15</u>				

Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	P-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	BOD-UNIN					
Group: A	Bottle Type:	BP-1L	# of Bottles: 3	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 3	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 3	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					

Lake Jackson / Jackson Canal Hatchineha/Skeeter

Central Laboratory Submittal Form

last revised Nov 10, 2015

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By:

Natalie Ayala

Project ID: SMP

Collected By:

Natalie Ayala/Terry Rordan

Sampling Agency:

FD CEN-DIST

Location Hatchineha Canal 2100 ft S of L. Cypress		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 01/12/2016 Time 1110		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID G4CE0064 - 01122016		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 8.7		☒ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A	
STORET # G4CE0064		Temp (C) 17.5		pH 6.2		Sample Depth 0.3		☐ ft ☒ m			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.07		Comments					
Location Hatchineha Canal 50 yds S of L Cypress		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 01/12/2016 Time 1056		☒ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID 26010078 - 01122016		Matrix (type, e.g., Salt, Fresh, etc) Fresh		Diss. Oxygen 9.2		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A	
STORET # 26010078		Temp (C) 16.7		pH 5.5		Sample Depth 0.3		☐ ft ☒ m			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) 0.07		Comments					
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		☐ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
STORET #		Temp (C)		pH		Sample Depth		☐ ft ☐ m			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments					
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		☐ Eastern ☐ Central		Composite end Date Time		Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)			
STORET #		Temp (C)		pH		Sample Depth		☐ ft ☐ m			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt)		Comments					

Relinquished By:	Date/Time	Shipping Method	Received By:	Date/Time	Relinquished By:	Date/Time	Received By:	Date/Time
			APB	01-13-16				

09:15

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	BOD-UNIN					
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 2	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					

Date of Request: 23-DEC-2015
 Created By: LINGER_M On: 23-DEC-2015
 Modified By: WATTS_J On: 28-DEC-2015
 Customer: CEN-DIST
 Project: SMP
 Division:
 District: Central District
 Sampling Event: Hatchineha / Skeeter

Send Coolers To:

Phone: 407-897-4100
 FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Mike Linger

Program Module Number: 1306
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 28-DEC-2015
 Biology Request Reviewed By: MILLER_EB On: 28-DEC-2015
 Sampling Kit Required: YES Ship on: 31-DEC-2015
 Sampling Kit Shipped: YES On: 29-DEC-2015
 Sampling Kit Packed By: KITCHEN_S
 Preservatives Needed: NO
 Date to Receive Samples: 11-JAN-2016
 Received By: SHAIK_A On: 13-JAN-2016

Send Final Report To:

FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Mike Linger

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

Comments:**Bottle Group A (Water) With 3 Samples:**

Bottle Type: P-1L	Number of Bottles: 3	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
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)
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
Bottle Type: P-1L	Number of Bottles: 3	Preserved With: ICE
BOD-UNIN	Template: DEFAULT	(SM 5210 B) BOD, NOT nitrogen-inhibited
Bottle Type: BP-1L	Number of Bottles: 3	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 3	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 3	Preserved With: ICE-FLTR
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Log-in Checklist

RQ- 2016-01-11-33

Shipping Method: FEDEX

Date/Time of Receipt: 01-13-16 19:15

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
			Yes	No	Yes	No	
BLUE	1.4C	10		✓			
Red	0.8C	10		✓			

*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

****Note:** If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

**Chain Of Custody/ Field Sheet(s) Included? Yes ☒ No ☐

CONTAINER CHECK

**Evidence Tape on Bottles? Yes ☐ No ☒ If yes, is it intact? Yes ☐ No ☐

**Caps on tight? Yes ☒ No ☐ **Containers intact? Yes ☒ No ☐

**Sufficient Sample Volume: Yes ☒ No ☐

CHLORINE CHECK (Blue dot on container)

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R					

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: [Signature]

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes ☐ No ☒ NA ☐ Init: [Signature]

Coolers Unpacked/Checked by: [Signature] Date: 01-13-16 NCRs (Y/N)? ---

Event ID: Hatchineha / Skeeter NCR # ---

CEN-DIST-2016-01-13-01 (SMP)
Date Received: 13-JAN-2016 09:15

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes____ No____

Date and Time Placed in Freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes____ No____

If no, were samples shipped on dry ice? Yes____ No____

FOR CLEAN LAB USE ONLY – Methyl Mercury Preservation Check:

Samples Preserved within 48 hours? Yes____ No____

Date and time samples preserved: _____

Additional Comments:

FedEx
Tracking
Number

8092 3436 0956

Form
ID No.

0215

1/12/16
Mike Dienna
FDEP
3319 Magnolia Blvd Suite 319
Orlando FL ZIP 32803

Internal Billing Reference

client's
e SAMPLE RECEIVING Phone 850 245-8085

pany FLORIDA DEP/CHEMISTRY SECTION

ESS 2600 BLAIRSTONE RD

not deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

TALLAHASSEE State FL ZIP 32399-6542



8092 3436 0956

0120775907

4 Express Package Service * To most locations.
NOTE: Service order has changed. Please select carefully.Packages up to 150 lbs.
For packages over 150 lbs., use the
FedEx Express Freight US Airbill.

Next Business Day

- ☐ FedEx First Overnight
Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☒ FedEx Priority Overnight
Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx Standard Overnight
Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

- ☐ FedEx 2Day A.M.
Second business morning.* Saturday Delivery NOT available.
- ☐ FedEx 2Day
Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx Express Saver
Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit \$500.

- ☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☒ Other

6 Special Handling and Delivery Signature Options

- ☐ SATURDAY Delivery
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

- ☐ No Signature Required
Package may be left without obtaining a signature for delivery.
- ☐ Direct Signature
Someone at recipient's address may sign for delivery. Fee applies.
- ☐ Indirect Signature
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

- One box must be checked.
- ☒ No ☐ Yes
As per attached Shipper's Declaration
- ☐ Yes
Shipper's Declaration not required
- ☐ Dry Ice
Dry Ice, 9 UN 1845 x kg
- ☐ Cargo Aircraft Only

7 Payment Bill to:

- Enter FedEx Acct. No. or Credit Card No. below.
- Obtain recip. Acct. No. ☐
- ☐ Sender Acct. No. in Section 1 will be billed. ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check
- Total Packages Total Weight
- 1 50 lbs
- Credit Card Auth.

*Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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FedEx
Tracking
Number

8092 3436 0945

Form
ID No.

0215

1/12/16
N. Ayala
FDEP
3319 Magnolia Blvd S-232
Orlando FL ZIP 32803

Internal Billing Reference

client's
e SAMPLE RECEIVING Phone 850 245-8085

pany FLORIDA DEP/CHEMISTRY SECTION

ESS 2600 BLAIRSTONE RD

not deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

TALLAHASSEE State FL ZIP 32399-6542



8092 3436 0945

0120775907

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- ☒ FedEx Priority Overnight
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Next business afternoon.* Saturday Delivery NOT available.

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- ☐ Direct Signature
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- ☐ Indirect Signature
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

- One box must be checked.
- ☒ No ☐ Yes
As per attached Shipper's Declaration
- ☐ Yes
Shipper's Declaration not required
- ☐ Dry Ice
Dry Ice, 9 UN 1845 x kg
- ☐ Cargo Aircraft Only

7 Payment Bill to:

- Enter FedEx Acct. No. or Credit Card No. below.
- Obtain recip. Acct. No. ☐
- ☐ Sender Acct. No. in Section 1 will be billed. ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check
- Total Packages Total Weight
- 1 50 lbs
- Credit Card Auth.

*Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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