



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Ribault River @ US 1

Date: 7/11/2018

WIN/Field ID: 20030133

WBID: 22248

Latitude: 30.374716 (mm/dd/yyyy)

County: Duval

ORG ID: 21FLA

Longitude: -81.726788 (Decimal Degrees)

Receiving Body of Water: Trout River

RQ-2018- 06-25-06 (Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
B = P = J. Peris									

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☒ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with <u>Secchi</u>		
Equipment ID <u>00707</u>		

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

Water Level: Dry/ Pooled/ Low Normal/ High / Flooded Meter ID# Pro PSS Matrix: Fresh Marine/ DI

Photos: Yes / No Flow: No Flow / Interstitial / Flowing / NA Tide: Rising/ Falling / Slack/ NA Tide Times: High 8:15 Low 4:30

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	1030	5.7	0.3	0.6	3.56	45.1	7.04	0.14	287.6	27.5
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 ☐ H ₂ SO ₄	8101020	4/11/19	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	R7HA24559		
Chlorophyll	☒ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-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 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:

Win ID/Field ID: 20030133

Ribault River
@ US 1

Signature: B = P = Date: 7/11/18

Enter Field Parameters, Verify Station ID in LIMS DMT: 7/11/18 QC Station ID, Field Parameters in LIMS DMT: 7/11/18

Scan/Save Field Sheets 7/11/18 Migrate Data to WIN: 7/11/18 Verify Data in WIN: 7/11/18

QA/QC Sample Information

Duplicate

Time Zone: EST CEN		Sample Depth (m): _____		Field ID: _____	
Time: _____		Total Depth (m): _____			
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / ☐ W-NO2NO3 / ☐ W-TKN / ☐ W-TOC / ☐ W-S-A-TP	☐ Ice ☐ H ₂ SO ₄			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 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-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ 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-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Place Preservative Sticker(s) Here
(If Available)

Blank

Time Zone: EST CEN		Time: <u>1245</u>		Field ID: _____	
DI Source: NE ROC LAB		Location: _____		Equipment ID: ORTHO # 7	
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank					
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☐ H ₂ SO ₄	8101020	4/11/19	☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	R711A24559		
Chlorophyll	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☒ Alkalinity / W-F / W-TSS / TURBIDITY	☒ 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-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other			

Contains: 1:1 H2SO4
Lot No.: SA8101020
Expires: 04/11/19
See Safety Data Sheet (SDS)

Place Preservative Sticker(s) Here
(If Available)

Notes:

WIN / Field ID:



FIELD BLANK 71118

Field Blank

Signature: [Signature]

Date: 7/11/18

Field Parameters Entered into LIMS: [Signature]

(Initials/Date)

Field Parameters QC in LIMS: _____

(Initials/Date)

Date Migrated to STORET: _____

(Initials/Date)

Field Sheets Scanned/Saved: _____

(Initials/Date)

**Florida Department of Environmental Protection
Central Laboratory Submittal Form**

Customer: NE-DIST

Project ID: SMP

Requester: **Jeremy M. Parrish**

Field Report Prepared By:

Collected By:

Sampling Agency:

[illegible]

LSJR North Salt

last revised Jan 25, 2018

Central Laboratory Submittal Form

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

Location	WIN /Field ID:				20030792		☐ Comp		Collection (comp begin or grab)	☒ Grab	Date	7/11/18	Time	1100	Eastern	Composite end	Time	Bottle Group(s)	
Field ID	DEER CR @ TALLEYRAND AVE						Matrix (type, e.g., Salt, Fresh, etc)		5/L				Diss. Oxygen		1.56		☒ mg/L Total Res. Chlorine		(See pg 2)
WIN/STORE							Temp (C)		21.1				pH		6.79		Sample Depth		0.3
Latitude	☐ dd	☐ dms	Longitude	☐ dd	☐ dms	Salinity (ppt)	3.27	Comments											
Location	Win ID/Field ID:				20030140		☐ Comp		Collection (comp begin or grab)	☒ Grab	Date	7/11/18	Time	1140	Eastern	Composite end	Time	Bottle Group(s)	
Field ID	Dunn Creek @ Faye Rd.						Matrix (type, e.g., Salt, Fresh, etc)		5/L				Diss. Oxygen		4.90		☒ mg/L Total Res. Chlorine		A
WIN/STOR							Temp (C)		29.8				pH		7.0		Sample Depth		0.3
Latitude	☐ dd	☐ dms	Longitude	☐ dd	☐ dms	Salinity (ppt)	5.14	Comments											
Location	WIN /Field ID:				FIELD BLANK 71118		☐ Comp		Collection (comp begin or grab)	☒ Grab	Date	7/11/18	Time	1245	Eastern	Composite end	Time	Bottle Group(s)	
Field ID	Field Blank						Matrix (type, e.g., Salt, Fresh, etc)		2I				Diss. Oxygen				☐ mg/L Total Res. Chlorine		D
WIN/STC							Temp (C)						pH				Sample Depth		
Latitude	☐ dd	☐ dms	Longitude	☐ dd	☐ dms	Salinity (ppt)		Comments											
Location							☐ Comp		Collection (comp begin or grab)	☐ Grab	Date		Time		Eastern	Composite end	Time	Bottle Group(s)	
Field ID							Matrix (type, e.g., Salt, Fresh, etc)						Diss. Oxygen		☐ mg/L Total Res. Chlorine				
WIN/STORE #							Temp (C)						pH				Sample Depth		
Latitude	☐ dd	☐ dms	Longitude	☐ dd	☐ dms	Salinity (ppt)		Comments											
Relinquished By:	Date/Time	Shipping Method		Number of Coolers Shipped:		Received By:		Date/Time											

Group: A	Bottle Type: ALKALINITY TURBIDITY W-F W-TSS	P-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: A	Bottle Type: NE-ALS-ENG	P-120ML-OC	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3 + 4 ALS
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	3
Group: A	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	3
Group: B	Bottle Type: ALKALINITY TURBIDITY W-F W-TSS	P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type: NE-ALS-ENG	P-120ML-OC	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2 to ALS
Group: B	Bottle Type: PCR-FILTER	QPCR-P-250ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: B	Bottle Type: W-E8321-DI W-E8321-MS	BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2

Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F					
Group: C	Bottle Type:	P-120ML-OC	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1 to ALS
	NE-ALS-ENG					
Group: D	Bottle Type:	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY					
	TURBIDITY					
	W-F					
	W-TSS					
Group: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: D	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F					

Cooler Packing Worksheet for Request: RQ-2018-06-25-06

LSJR North Salt

Ship Cooler On: 6/15/2018

Customer/Project: NE-DIST/SMP

Assigned To: REAVES_S

Requester: Jeremy M. Parrish

Priority: 3

904-256-1700
8800 Baymeadows Way W

Jacksonville, FL 32256-7577

Attn: Jeremy Parrish

Please return
packing list with
sample submittal
forms.

Comments:

2 - cases of sulfuric acid
4 - sets of sulfuric acid labels

Requested Analyses:

Bottle Group: A**# of Sites: 3**

Container ID: P-1L

Qty: 3 Preservation: ICE

Lot # 00071006

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-F

W-TSS

DescriptionAlkalinity in aqueous matrices as mg CaCO₃/L

Turbidity in aqueous matrices

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 3 Preservation: ICE

Lot # 1223623

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-120ML-OC

Qty: 3 Preservation: ICE

Lot # 6A20

Description: Plastic Micro 120 ml Sterilized
Orange Cap WO tablet

Analysis

NE-ALS-ENQ

Description

Enterococci by MPN by ALS Environmental Laboratory

Container ID: P-500ML

Qty: 3 Preservation: ICE And H2SO4

Lot # ~~00067~~

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

00070684

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: 3 Preservation: FILTER-ICE

Lot # 00070886

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Bottle Group: B

of Sites: 2

Container ID: P-1L

Qty: 2 Preservation: ICE

Lot # 00071006

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-F

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 2 Preservation: ICE

Lot # 1223623

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: P-120ML-OC

Qty: 2 Preservation: ICE

Lot # 61420

Description: Plastic Micro 120 ml Sterilized
Orange Cap WO tablet

Analysis

NE-ALS-ENQ

Description

Enterococci by MPN by ALS Environmental Laboratory

Container ID: QPCR-P-250ML

Qty: 4 Preservation: ICE

Lot # 00070172

Description: 250ml Sterile Nalgene (2)

Affix PCR Instruction Label to container

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-500ML

Qty: 2 Preservation: ICE

Lot # 00071432

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 2 Preservation: ICE And H2SO4

Lot # 00070684

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

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: 2 Preservation: FILTER-ICE

Lot # 00070886

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Bottle Group: C

of Sites: 1

Container ID: P-120ML-OC

Qty: 1 Preservation: ICE

Lot # 6A20

Description: Plastic Micro 120 ml Sterilized
Orange Cap WO tablet

Analysis

NE-ALS-ENQ

Description

Enterococci by MPN by ALS Environmental Laboratory

Bottle Group: D

of Sites: 1

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 00071006

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-F

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO₃/L

Turbidity in aqueous matrices

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: P-500ML

Qty: 1 Preservation: ICE And H₂SO₄

Lot # 00070684

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

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: 1 Preservation: FILTER-ICE

Lot # 00070886

Description: Plastic Bottle 125 mL

Analysis

W-PO₄-F

Description

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

Cooler Packed By: SR

Number of Coolers: 2

Date: 6-11-18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☒ Acid Labels (sets of 24)

If Preservation Included:

ID Sulfuric Acid
ID _____
ID _____
ID _____
ID _____

Exp 3-26-19
Exp _____
Exp _____
Exp _____
Exp _____

Lot # SA8085170
Lot # _____
Lot # _____
Lot # _____
Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-06-25-06



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

9143 Phillips Highway, Ste 200 • Jacksonville, FL 32256 (904) 739-2277 • 800-695-7222 x06 • FAX (904) 739-2011

PAGE 1 OF 1

SR#
CAS Contract

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

Project Name: LSA North St
Project Manager: Jeremy Pansik
Company/Address: FOEP
8800 Baymeadows Way West
Oak Fl. 32256
Phone: 904 256 1700 FAX #
Sampler's Signature: Jeremy Pansik Sampler's Printed Name: Jeremy Pansik

PRESERVATIVE

ENTEROCOCCUS

- Preservative Key
0. NONE
 1. HCL
 2. HNO₃
 3. H₂SO₄
 4. NaOH
 5. Zn, Acetate
 6. MeOH
 7. NaHSO₄
 8. Other

REMARKS/
ALTERNATE DESCRIPTION

CLIENT SAMPLE ID	LAB ID	SAMPLING DATE	TIME	MATRIX	NUMBER OF CONTAINERS
20030114		7/11/18	920	SW	1
G2NE1161			950		1
20030129			1010		1
20030133			1030		1
20030792			1100		1
20030140			1140		1

SPECIAL INSTRUCTIONS/COMMENTS

TURNAROUND REQUIREMENTS
RUSH (SURCHARGES APPLY)

REPORT REQUIREMENTS
I. Results Only
II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
III. Results + QC and Calibration Summaries
IV. Data Validation Report with Raw Data
V. Specialized Forms / Custom Report

INVOICE INFORMATION
PO #
BILL TO:

See QAPP ☐ G.L.C

SAMPLE RECEIPT: CONDITION/COOLER TEMP:

RELINQUISHED BY: Jeremy Pansik RECEIVED BY: Chapman PL CUSTODY SEALS: Y N

REQUESTED REPORT DATE

RELINQUISHED BY: Yes No

RECEIVED BY

Signature: Jeremy Pansik
Printed Name: Jeremy Pansik
Firm: FOEP
Date/Time: 7/11/18 1222

Signature: Chapman PL
Printed Name: Chapman PL
Firm: ALS
Date/Time: 7/11/18 1222

Signature: Chapman PL
Printed Name: Chapman PL
Firm: ALS
Date/Time: 7/11/18 1222

Signature: Chapman PL
Printed Name: Chapman PL
Firm: ALS
Date/Time: 7/11/18 1222

Signature: Chapman PL
Printed Name: Chapman PL
Firm: ALS
Date/Time: 7/11/18 1222

Signature: Chapman PL
Printed Name: Chapman PL
Firm: ALS
Date/Time: 7/11/18 1222

Distribution: White - Return to Originator; Yellow - Retained by Client