RQ-2017-07-24-17

Data Management (to be completed by field personnel)

- ☑ Date sampled — Date: 07/26/2017
- ☑ Entered into MAT — Date: 07/28/2017
- ☑ In SMP Tracker — Date: 07/28/2017
- ☑ RQ Sheet – from LIMS (display/print request)
- ☑ Field Sheets scanned into local folder and initialed/dated on Field Sheets — Date: 07/28/2017
- ☐ Field Pictures in picture directory — Date: _____
- ☐ Date submitted for LIMS data entry — Date: _____

LIMS / STORET processing

- ☐ Field parameters entered into LIMS — Date: _____
- ☐ Date submitted for QA/QC — Date: _____
- ☐ Update "Data Entry Status" tracker
- ☐ Field parameters QA/QC in LIMS
- ☐ Data migrated to STORET — Date: _____

Archiving

- ☐ Digital field Sheets put into archive
- ☐ Photos put into archive
- ☐ RQ put into archive
- ☐ Calibration log put into archive
- ☐ Lab results put into archive

Notes:

RQ-2017-07-24-17

Date of Request:	26-JUN-2017
Created By:	KING_M On: 26-JUN-2017
Modified By:	SWANSON_C On: 25-JUL-2017
Customer:	NW-DIST
Project:	SMP
Division:	Division of Environmental Assessment and Restoration
District:	Northwest District
Sampling Event:	Baker/Crestview Run WBID 275 27 28 30G 336 321 83 91

Send Coolers To:

Phone: 850-595-0605
160 Government Center
Suite 208
Pensacola, FL 32502-5794
Attn: Michael King

Send Final Report To:

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

Program Module Number:	
Priority:	3
Event Status:	R
Criminal Investigation:	NO
Chemistry Request Reviewed By:	WATTS_J On: 25-JUL-2017
Biology Request Reviewed By:	SWANSON_C On: 25-JUL-2017
Sampling Kit Required:	NO Ship on:
Sampling Kit Shipped:	YES On: 10-JUL-2017
Sampling Kit Packed By:	SHAIK_A
Preservatives Needed:	NO
Date to Receive Samples:	24-JUL-2017
Received By:	GREENWOO_J On: 27-JUL-2017

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

Comments:
Group A: Freshwater Kit With Metals
Group B: Pesticides
Group C: Freshwater Kit
Group D: Tracers Markers
Group E: Bacteria

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-1L Number of Bottles: 1 Preserved With: ICE

ALKALINITY Total Alkalinity	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
TURBIDITY Turbidity	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-CL-IC Chloride	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR Color (true)	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
W-F Fluoride	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC Sulfate	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices

Bottle Type: BP-1L Number of Bottles: 1 Preserved With: ICE

CHLSUITE-W Chlorophyll-a, Corrected Chlorophyll-a, Uncorrected Phaeophytin-a	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO3

Bottle Group A (Water) With 1 Samples:

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO3

W-ICP Template: (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

- Calcium
- Chromium
- Iron
- Magnesium
- Nickel
- Potassium
- Sodium
- Zinc

W-ICPMS Template: (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

- Arsenic
- Cadmium
- Copper
- Lead
- Silver

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

W-TOC Template: DEFAULT (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices

- Organic Carbon

Bottle Type: P-125ML Number of Bottles: 1 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

- O-Phosphate-P

Bottle Group B (Water) With 1 Samples:

Bottle Type: BG-1L Number of Bottles: 2 Preserved With: ICE

W-AHERB-AA Template: (USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS

- *Triclopyr
- 2,4,5-T
- 2,4-D
- 2,4-DB
- Acifluorfen
- Bentazon
- Dichlorprop
- Dinoseb
- MCPA
- MCPP
- Picloram
- Silvex

W-GLYPH Template: DEFAULT (EPA 8321B) Glyphosate in water matrices by HPLC/MS/MS

- *Glyphosate

W-PYR-AA-R Template: DEFAULT (EPA 8321B) Pyraclostrobin in water matrices by HPLC/MS/MS

- *Pyraclostrobin

W-SUC-AA-R Template: DEFAULT (EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS

- *Sucralose

W-UHERB-AA Template: DEFAULT (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

- *Acetaminophen
- *Carbamazepine
- *Fluridone
- *Primidone
- Diuron
- Fenuron
- Imidacloprid

Bottle Group B (Water) With 1 Samples:

Bottle Type: BG-1L Number of Bottles: 2 Preserved With: ICE

W-UHERB-AA Template: DEFAULT (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Linuron

Bottle Type: BG-500ML Number of Bottles: 4 Preserved With: ICE

W-CT-CI-R Template: DEFAULT (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization

*Chlordane
*Toxaphene

W-PCL-SQ-R Template: DEFAULT (EPA 8270D) Organochlorine pesticides in water matrices by GC/MS-SIM

Aldrin
Alpha-BHC
Alpha-Chlordane
Beta-BHC
Carbophenothion
Chlorothalonil
Cypermethrin
DDD-p,p'
DDE-p,p'
DDT-p,p'
Delta-BHC
Dicofol
Dieldrin
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin Aldehyde
Endrin Ketone
Gamma-BHC
Gamma-Chlordane
Heptachlor
Heptachlor Epoxide
Methoxychlor
Mirex
Permethrin
Trifluralin

Bottle Type: BG-1L Number of Bottles: 4 Preserved With: ICE

W-PSNP-TQ Template: DEFAULT (EPA 8270D) Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS

Acetochlor
Alachlor
Ametryn
Atrazine
Atrazine Desethyl
Azinphos Methyl
Bromacil
Butylate
Chlorpyrifos Ethyl
Chlorpyrifos Methyl
Cyanazine
Demeton
Diazinon
Disulfoton
EPTC
Ethion
Ethoprop
Fenamiphos
Fipronil
Fipronil Sulfide
Fipronil Sulfone
Fonofos

Bottle Group B (Water) With 1 Samples:

Bottle Type: BG-1L Number of Bottles: 4 Preserved With: ICE

W-PSNP-TQ Template: DEFAULT (EPA 8270D) Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS

- Hexazinone
- Malathion
- Metalaxyl
- Metolachlor
- Metribuzin
- Mevinphos
- Molinate
- Norflurazon
- Parathion Ethyl
- Parathion Methyl
- Pendimethalin
- Phorate
- Prometon
- Prometryn
- Simazine
- Terbufos
- Terbuthylazine

Bottle Group C (Water) With 7 Samples:

Bottle Type: BP-1L Number of Bottles: 7 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-500ML Number of Bottles: 7 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

W-TOC Template: DEFAULT (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
- Organic Carbon

Bottle Type: P-125ML Number of Bottles: 7 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
- O-Phosphate-P

Bottle Type: P-1L Number of Bottles: 7 Preserved With: ICE

ALKALINITY Template: DEFAULT (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L
- Total Alkalinity

TURBIDITY Template: DEFAULT (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
- Turbidity

W-CL-IC Template: DEFAULT (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
- Chloride

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)
- Fluoride

W-SO4-IC Template: DEFAULT (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
- Sulfate

W-TDS Template: DEFAULT (SM 2540 C-97) Total Dissolved Solids in aqueous matrices
- TDS

W-TSS Template: DEFAULT (SM 2540 D-97) Total Suspended Solids in aqueous matrices
- TSS

Bottle Group D (Water) With 1 Samples:

Bottle Group D (Water) With 1 Samples:

Bottle Type: QPCR-P-250ML Number of Bottles: 2 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

Bottle Type: BG-1L Number of Bottles: 1 Preserved With: ICE

W-AHERB-AA Template: DEFAULT (USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS

*Triclopyr
2,4-D
Bentazon
MCPP

W-SUC-AA-R Template: DEFAULT (EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS

*Sucralose

W-UHERB-AA Template: DEFAULT (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

*Acetaminophen
*Carbamazepine
*Fluridone
*Primidone
Diuron
Fenuron
Imidacloprid
Linuron

Bottle Group E (Water) With 1 Samples:

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

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2017

PAGE 1 OF 1

Data Qualified? Yes / No

STORET Station Name: TRAMMEL CREEK ABOVE YELLOW RIVER **Date:** 7/26/17 (mm/dd/yyyy)

STORET Station ID: G4NW0052 **WBID:** 30G **Latitude:** 30.74805554 (Decimal Degrees)

County: Okaloosa **RQ -** 2017-07-24-17 **ORG ID:** 21FLPNS **Longitude:** -86.6211111 (Decimal Degrees)

Receiving Body of Water: Yellow River **Field ID:** G4NW0052

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Mike King	✓		✓		
Frank Butera		✓		✓	✓

Sampling Equipment

- [ ] Sample Container
- [ ] Carboy
- [ ] Dipper
- [ ] Van Dorn
- [x] Syringe
- [ ] Other
- [ ] Pole

Equipment ID

Collection Method

- [x] Wading
- [ ] From Shore
- [ ] Other (note below)

Via Boat
- [ ] Canoe/Kayak
- [ ] Electric Motor
- [ ] Gasoline Motor

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

Matrix: Fresh / Marine / DI

Meter ID# 132237 **Photos:** Yes / No

Tide Falling: Yes / No / NA

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
EST	0930	0.2	0.4	7.7	92	6.4	0.0	VOB	54	24.4
CEN										

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other

SBIO ID Numbers: SBIO-ID: RPS-ID: Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	[x] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[x] Ice [x] H_2SO_4	SA-6302030	10/28/17	[ ] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_2			[ ] <2
Filtered Nutrients	[x] W-PO4-F [x] Field Filtered 0.45 µm Filter	[x] Ice			
Chlorophyll	[x] CHLSUITE-W	[x] Ice			
Physical/Aggregate (Fresh)	[x] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[x] 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 [ ] Entero [ ] PCR-FILTER	[ ] Ice			
Tracers	[ ] W-SUC-AA-R [ ] W-UHERB-AA	[ ] Ice			
Pesticides	[ ] W-PSNP-TQ [ ] W-AHERB-AA [ ] W-PYR-AA-R [ ] W-PCL-SQ-R [ ] W-UHERB-AA [ ] W-GLYPH	[ ] Ice [ ] Other			

Place Preservative Sticker(s) Here (If Available)

Notes:

Location: Trammel Ck above Yellow River
RQ-2017-07-24-17 (WBID 30G)
Date:
Time: CST

G4NW0052
Field ID
STORET
G4NW0052

Signature: Date: 7/26/17

Field Parameters Entered into LIMS: (Initials/Date)

Field Parameters QC in LIMS: (Initials/Date)

Date Migrated to STORET: (Initials/Date)

Field Sheets Scanned/Saved: FB 7/28/2017 (Initials/Date)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2017

PAGE 1 OF 1

Data Qualified? Yes / No

STORET Station Name: Wilkinson Creek upstream of Wilkinson Bluff Road **Date:** 7/26/17 (mm/dd/yyyy)

STORET Station ID: G4NW0357 **WBID:** 336 **Latitude:** 30.69043 (Decimal Degrees)

County: Okaloosa **RQ -** 2017-07-24-17 **ORG ID:** 21FLPNS **Longitude:** 86.67899 (Decimal Degrees)

Receiving Body of Water: Yellow River **Field ID:** G4NW0357

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Mike King	✓		✓		
Frank Butera		✓		✓	✓

Sampling Equipment

- ☑ Sample Container
- ☐ Carboy
- ☐ Dipper
- ☐ Van Dorn
- ☑ Syringe
- ☐ Other
- ☐ Pole

Equipment ID

Collection Method

- ☑ Wading
- ☐ From Shore
- ☐ Other (note below)

Via Boat

- ☐ Canoe/Kayak
- ☐ Electric Motor
- ☐ Gasoline Motor

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

Matrix: Fresh / Marine / DI

Meter ID# 132237 **Photos:** Yes / No

Tide Falling: Yes / No / NA

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1000	0.3	0.6	8.0	93	5.52	0.0	VOB	21	22.6
CEN										

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other

SBIO ID Numbers: SBIO-ID: RPS-ID: Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☑ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☑ Ice ☐ H_2SO_4	SA-6302030	10/28/17	☑ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_2			☐ <2
Filtered Nutrients	☑ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☑ Ice	Place Preservative Sticker(s) Here (If Available)		
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 ☐ Entero ☐ PCR-FILTER	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other			

Notes:

Location: Wilkinson Ck Upstream Wilkinson Bluff Rd
RQ-2017-07-24-17 (WBID 336)
Date:
Time: CST

G4NW0357
Field ID ↑
STORET ↓
G4NW0357

Signature: Date: 7/26/17

Field Parameters Entered into LIMS: (Initials/Date) Field Parameters QC in LIMS: (Initials/Date)

Date Migrated to STORET: (Initials/Date) Field Sheets Scanned/Saved: FB 7/28/2017 (Initials/Date)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2017

PAGE 1 OF 1

Data Qualified? Yes / No

STORET Station Name: Baggett Creek upstream of Hwy 90 **Date:** 7/26/17 (mm/dd/yyyy)

STORET Station ID: G4NW0336 **WBID:** 275 **Latitude:** 30.72801296 (Decimal Degrees)

County: Okaloosa **RQ -** 2017-07-24-17 **ORG ID:** 21FLPNS **Longitude:** -86.65997750 (Decimal Degrees)

Receiving Body of Water: Yellow River **Field ID:** G4NW0336

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Mike King	✓	✓	✓		
Frank Butera		✓		✓	✓

Sampling Equipment

- ☑ Sample Container
- ☐ Carboy
- ☐ Dipper
- ☐ Van Dorn
- ☑ Syringe
- ☐ Other
- ☐ Pole

Equipment ID

Collection Method

- ☑ Wading
- ☐ From Shore
- ☐ Other (note below)

Via Boat

- ☐ Canoe/Kayak
- ☐ Electric Motor
- ☐ Gasoline Motor

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

Matrix: (Fresh) / Marine / DI

Meter ID# 132237 **Photos:** Yes / (No)

Tide Falling: Yes / No / (NA)

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1030	0.3	0.8	7.7	92	6.3	0.0	VOB	33	24.4
(CEN)										

Biological Samples Collected: (None) HA SCI RPS Algae ID LVS LVI Other

SBIO ID Numbers: SBIO-ID: RPS-ID: Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☑ Ice ☑ H_2SO_4	SA-6302030	10/28/17	☑ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_2	NA-6253070	09/09/17	☐ <2
Filtered Nutrients	☑ W-PO4-F ☑ Field Filtered 0.45 µm Filter	☑ Ice	Place Preservative Sticker(s) Here (If Available)		
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 ☐ Entero ☐ PCR-FILTER	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA	☐ Ice			
Pesticides	☑ W-PSNP-TQ ☑ W-AHERB-AA ☑ W-PYR-AA-R ☑ W-PCL-SQ-R ☑ W-UHERB-AA ☐ W-GLYPH	☑ Ice ☐ Other			

Notes:

Location: Baggett Creek Upstream of US 90

RQ-2017-07-24-17 (WBID 275)

Date:

Time: CST

G4NW0336

Field ID ↑

STORET ↓

G4NW0336

Signature: Frank Butera

Date: 7/26/2017

Field Parameters Entered into LIMS: _____ (Initials/Date)

Field Parameters QC in LIMS: _____ (Initials/Date)

Date Migrated to STORET: _____ (Initials/Date)

Field Sheets Scanned/Saved: PB 7/28/2017 (Initials/Date)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

March 2017

PAGE 1 OF 1

Data Qualified? Yes / (No)

Location/STORET Station Name: Panther Creek @ Sherman Kennedy Rd **Date:** 7/26/17 (mm/dd/yyyy)

STORET # G4NW0295 **WBID:** 27 **Latitude:** 30.84332117 (Decimal Degrees)

County: Okaloosa **RQ -** 2016-07-24-17 **ORG ID:** 21FLPNS **Longitude:** -86.72403229 (Decimal Degrees)

Receiving Body of Water: Blackwater River **Field ID:** G4NW0295

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Mike King	✓		✓		
Frank Butera		✓		✓	✓

Sampling Equipment

- [✓] Sample Container
- [ ] Carboy
- [ ] Dipper
- [ ] Van Dorn
- [✓] Syringe
- [ ] Other
- [ ] Pole

Equipment ID

Collection Method

- [✓] Wading
- [ ] From Shore
- [ ] Other (note below)

Via Boat
- [ ] Canoe/Kayak
- [ ] Electric Motor
- [ ] Gasoline Motor

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

Matrix: (Fresh) / Marine / DI

Meter ID# 132237 **Photos:** Yes / (No)

Tide Falling: Yes / No / (NA)

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C⁰)
EST	1120	0.3	0.9	7.9	92	5.11	0.0	VOB	20	23.1
(CEN)										

Biological Samples Collected: (None) HA SCI RPS Algae ID LVS LVI Other

SBIO ID Numbers: SBIO-ID: RPS-ID: Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	[✓] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[✓] Ice [✓] H_2SO_4	SA-6302030	10/28/17	[✓] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[✓] W-PO4-F [✓] Field Filtered 0.45 µm Filter	[✓] Ice	Place Preservative Sticker(s) Here (If Available)		
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 [ ] qPCR	[ ] 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			

Notes:

Location: Panther Creek @ Sherman Kennedy Rd.
RQ-2017-07-24-17 (WBID 27)
Date:
Time: CST

G4NW0295
Field ID ↑
STORET ↓
G4NW0295

Signature: **Date:** 7/26/17

Field Parameters Entered into LIMS: (Initials/Date) Field Parameters QC in LIMS: (Initials/Date)

Date Migrated to STORET: (Initials/Date) Field Sheets Scanned/Saved: GB 7/27/2017 (Initials/Date)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

March 2017

PAGE 1 OF 1

Data Qualified? Yes / No

Location/STORET Station Name: Big Horse Creek above Old River Road **Date:** 7/26/17 (mm/dd/yyyy)

STORET # G4NW0298 **WBID:** 28 **Latitude:** 30.91441 (Decimal Degrees)

County: Okaloosa **RQ -** 2017-07-24-17 **ORG ID:** 21FLPNS **Longitude:** -86.57974 (Decimal Degrees)

Receiving Body of Water: Yellow River **Field ID:** G4NW0298

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Mike King	✓		✓		
Frank Butera		✓		✓	✓

Sampling Equipment

- [x] Sample Container
- [ ] Carboy
- [ ] Dipper
- [ ] Van Dorn
- [x] Syringe
- [ ] Other
- [ ] Pole

Equipment ID

Collection Method

- [ ] Wading
- [ ] From Shore
- [ ] Other (note below)

Via Boat

- [ ] Canoe/Kayak
- [ ] Electric Motor
- [ ] Gasoline Motor

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

Matrix: (Fresh) / Marine / DI

Meter ID# 132237 **Photos:** Yes / No **Tide Falling:** Yes / No / (NA)

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1200	0.3	0.9	7.5	88	5.8	0.0	VOB	23	23.2
(CEN)										

Biological Samples Collected: (None) HA SCI RPS Algae ID LVS LVI Other

SBIO ID Numbers: SBIO-ID: RPS-ID: Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	[x] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[x] Ice [ ] H_2SO_4	SA-6302030	10/28/17	[ ] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[ ] W-PO4-F [ ] Field Filtered 0.45 µm Filter	[ ] Ice	Place Preservative Sticker(s) Here (If Available)		
Chlorophyll	[ ] CHLSUITE-W	[ ] Ice			
Physical/Aggregate (Fresh)	[x] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[x] 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 [ ] qPCR	[ ] 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			

Notes:

Location: Big Horse Ck above Old River Rd.
RQ-2017-07-24-17 (WBID 28)
Date:
Time: CST

G4NW0298
Field ID ↑
STORET ↓
G4NW0298

Signature: Date:

Field Parameters Entered into LIMS: (Initials/Date) Field Parameters QC in LIMS: (Initials/Date)

Date Migrated to STORET: (Initials/Date) Field Sheets Scanned/Saved: OB 7/28/2017 (Initials/Date)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

March 2017

PAGE 1 OF 1

Data Qualified? Yes / No

Location/STORET Station Name: Green Branch Upstream of Buck Tyner Rd. **Date:** 7/26/17 (mm/dd/yyyy)

STORET # G4NW0207 **WBID:** 91 **Latitude:** 30.9442778 (Decimal Degrees)

County: Okaloosa **RQ -** 2017-07-24-17 **ORG ID:** 21FLPNS **Longitude:** -86.4559722 (Decimal Degrees)

Receiving Body of Water: Shoal River **Field ID:** G4NW0207

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Mike King	✓		✓		
Frank Butera		✓		✓	✓

Sampling Equipment

- [x] Sample Container
- [ ] Carboy
- [ ] Dipper
- [ ] Van Dorn
- [x] Syringe
- [ ] Other
- [ ] Pole

Equipment ID

Collection Method

- [x] Wading
- [ ] From Shore
- [ ] Other (note below)

Via Boat

- [ ] Canoe/Kayak
- [ ] Electric Motor
- [ ] Gasoline Motor

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

Matrix: Fresh / Marine / DI

Meter ID# 132237 **Photos:** Yes / No **Tide Falling:** Yes / No / NA

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1230	0.3	0.5	6.0	71	5.73	0.0	VOB	34	23.7
CEN										

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other

SBIO ID Numbers: SBIO-ID: RPS-ID: Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	[x] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[x] Ice [x] H_2SO_4	SA-6302030	10/28/17	[x] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_3			[ ] <2
Filtered Nutrients	[x] W-PO4-F [x] Field Filtered 0.45 µm Filter	[x] Ice	Place Preservative Sticker(s) Here (If Available)		
Chlorophyll	[x] CHLSUITE-W	[x] Ice			
Physical/Aggregate (Fresh)	[x] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[x] 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 [ ] qPCR	[ ] 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			

Notes:

Location: Green Branch Upstream Buck Tyner Rd.
RQ-2017-07-24-17 (WBID 91)
Date:
Time: CST

G4NW0207
Field ID ↑
STORET ↓
G4NW0207

Signature: Date:

Field Parameters Entered into LIMS: (Initials/Date) Field Parameters QC in LIMS: (Initials/Date)

Date Migrated to STORET: (Initials/Date) Field Sheets Scanned/Saved: FB 07/28/2017 (Initials/Date)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

February 2017

PAGE 1 OF 1

Data Qualified? Yes / No

STORET Station Name: Turkey Creek @ Williams Road **Date:** 7/26/~~13~~17 (mm/dd/yyyy)

STORET Station ID: G4NW0409 **WBID:** 117 **Latitude:** 30.80508430 (Decimal Degrees)

County: Walton **RQ -** 2017-07-24-17 **ORG ID:** 21FLPNS **Longitude:** -86.25609683 (Decimal Degrees)

Receiving Body of Water: Yellow River **Field ID:** G4NW0409

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Frank Butera	✓		✓		
Mike King		✓		✓	✓

Sampling Equipment

- [x] Sample Container
- [ ] Carboy
- [ ] Dipper
- [ ] Van Dorn
- [ ] Syringe
- [ ] Other
- [ ] Pole

Equipment ID

Collection Method

- [x] Wading
- [ ] From Shore
- [ ] Other (note below)

Via Boat
- [ ] Canoe/Kayak
- [ ] Electric Motor
- [ ] Gasoline Motor

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

Matrix: (Fresh) / Marine / DI

Meter ID# 132237 **Photos:** Yes / (No)

Tide Falling: Yes / (No) / NA

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
EST	13:10	0.3	0.5	7.8	97.1	6.0	0.0	VOB	33	25.7
(CEN)										

Biological Samples Collected: (None) HA SCI RPS Algae ID LVS LVI Other

SBIO ID Numbers: SBIO-ID: RPS-ID: Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	[x] W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	[x] Ice [x] H_2SO_4	SA-6302030	10/28/17	[x] <2
Metals	[ ] W-ICPMS [ ] W-ICP	[ ] Ice [ ] HNO_2			[ ] <2
Filtered Nutrients	[x] W-PO4-F [ ] Field Filtered 0.45 µm Filter	[x] Ice	Place Preservative Sticker(s) Here (If Available)		
Chlorophyll	[x] CHLSUITE-W	[x] Ice			
Physical/Aggregate (Fresh)	[x] Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	[x] Ice			
Physical/Aggregate (Marine)	[ ] Alkalinity / W-F / W-TSS / TURBIDITY	[ ] Ice			
Macroinvertebrates	[ ] MI-FW-QLDC	[ ] Formalin			
Periphyton	[ ] ALGAE-ID	[ ] Ice			
Microbiology	[x] E Coli [ ] F Coli [ ] Entero [ ] PCR-FILTER	[ ] Ice			
Tracers	~~[x] W-LCMS-DIJ (1/4 vial fill)~~ [x] W-UHERB-AA [x] A-HERB [x] W-SUCL	[ ] Ice			
Pesticides	[ ] W-PSNP-TQ [ ] W-AHERB-AA [ ] W-PYR-AA-R [ ] W-LCMS-DIJ (1/4 vial fill) [ ] W-PCL-SQ-R [ ] W-UHERB-AA [ ] W-GLYPH	[ ] Ice [ ] Other			

Notes:

Location: Turkey Creek @ Willms Rd.
RQ-2017-07-24-17 (WBID 117)
Date:
Time: CST

G4NW0409
Field ID ↑
STORET ↓
G4NW0409

Signature:

Date: 7/26/2017

Field Parameters Entered into LIMS: _____ (Initials/Date) Field Parameters QC in LIMS: _____ (Initials/Date)

Date Migrated to STORET: _____ (Initials/Date) Field Sheets Scanned/Saved: PB 7/26/2017 (Initials/Date)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

March 2017

PAGE 1 OF 1

Data Qualified? Yes / (No)

Location/STORET Station Name: Titi Creek above Hwy 285 **Date:** 7/26/17 (mm/dd/yyyy)

STORET # G4NW0365 **WBID:** 321 **Latitude:** 30.70211285 (Decimal Degrees)

County: Okaloosa **RQ -** 2017-07-24-16 **ORG ID:** 21FLPNS **Longitude:** -86.38712422 (Decimal Degrees)

Receiving Body of Water: Shoal River **Field ID:** G4NW0365

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Mike King	✓		✓		
Frank Butera		✓		✓	✓

Sampling Equipment

☐ Sample Container ☐ Van Dorn ☐ Pole
☐ Carboy ☐ Syringe
☐ Dipper ☐ Other _____

Equipment ID _____

Collection Method

☐ Wading
☐ From Shore
☐ Other (note below)

Via Boat
☐ Canoe/Kayak
☐ Electric Motor
☐ Gasoline Motor

Water Level: Dry / Pooled / Low / Normal / High / Flooded **Matrix:** Fresh / Marine / DI

Meter ID# **Photos:** Yes / No **Tide Falling:** Yes / No / NA

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C⁰)
EST	1415	0.3	0.7	7.7	95	5.20	0.0	VOB	15	25.8
CEN										

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other _____

SBIO ID Numbers: SBIO-ID: RPS-ID: Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☐ H_2SO_4	SA-6302030	10/28/17	☑ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO_3			☐ <2
Filtered Nutrients	☑ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice	Place Preservative Sticker(s) Here (If Available)		
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 ☐ qPCR	☐ 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			

Notes:

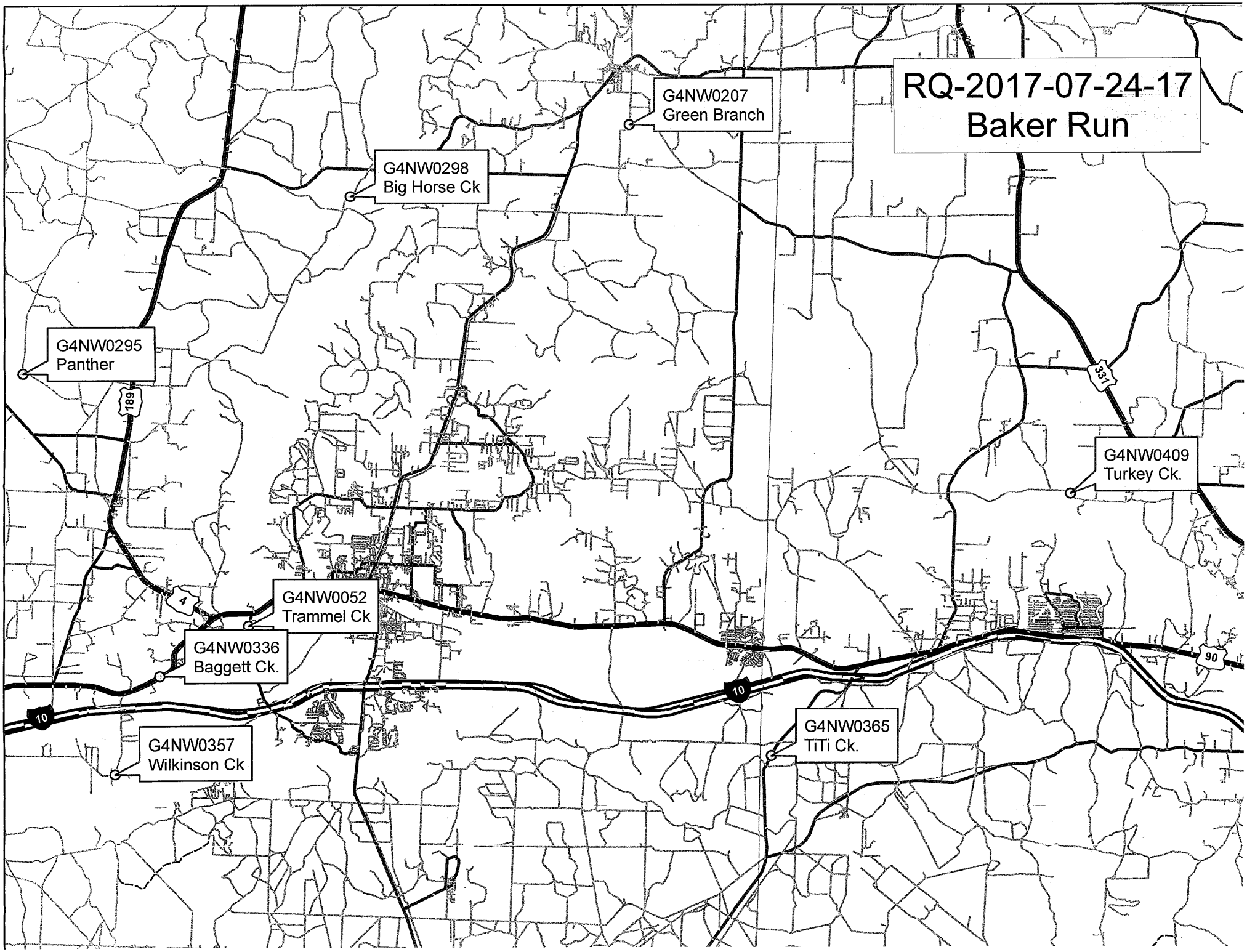
Location: Titi Creek above Hwy 285
RQ-2017-07-24-17 (WBID 321)
Date:
Time: CST

G4NW0365
Field ID ↑
STORET ↓
G4NW0365

Signature: [signature] **Date:** 7/26/17

Field Parameters Entered into LIMS: _____ (Initials/Date) Field Parameters QC in LIMS: _____ (Initials/Date)

Date Migrated to STORET: _____ (Initials/Date) Field Sheets Scanned/Saved: EB 7/31/2017 (Initials/Date)


RQ-2017-07-24-17
Baker Run
G4NW0207
Green Branch
G4NW0298
Big Horse Ck
G4NW0295
Panther
G4NW0409
Turkey Ck.
G4NW0052
Trammel Ck
G4NW0336
Baggett Ck.
G4NW0357
Wilkinson Ck
G4NW0365
TiTi Ck.
189
331
4
10
90