

**Amendment # 2  
to the Sulphur River Basin Authority  
Clean Rivers Program FY 2010 QAPP**

**Prepared by the Sulphur River Basin Authority  
In Cooperation with the  
Texas Commission on Environmental Quality (TCEQ)**

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Questions concerning this QAPP should be directed to:

**Nancy Rose  
Sulphur River Basin Authority  
911 N Bishop Street  
Wake Village, Texas 75501  
Phone # 903-223-7887  
FAX # 903-223-7988  
Email: [nrsrba@cableone.net](mailto:nrsrba@cableone.net)**

Effective: June 4, 2010

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**Justification:** This document details the changes made to the monitoring schedule for segment 304 to support the ALA study TCEQ is conducting on Cowhorn and Swampoodle Creek for fiscal year 2010

**Summary of Changes:**

The following information in Appendix B is amended to reflect changes to:

- Sample Design Rationale FY 2010
- Monitoring Sites Table with updated legends to include Cowhorn and Swampoodle Creek sites.
- Maps of sampling sites to include Cowhorn and Swampoodle Creek sites.

**Detail of Changes:**

Sites 17324 and 15254 (Cowhorn Creek), and site 15342 (Swampoodle Creek) have been included in the FY 2010 schedule

**Sample Design Rationale FY 2010:** Sites 17324 and 15254 (Cowhorn Creek), site 15342 (Swampoodle Creek) have been included in the FY 2010 schedule. These sites were added to support the ALA planned by TCEQ for the summer of FY 2010 for Cowhorn Creek and Swampoodle Creek.

**Monitoring Sites Table:** The attached Table **B1.1** is added as Attachment # 1 and reflects the monitoring for FY 2010 including Cowhorn and Swampoodle Creek.

**Maps:** The attached map, Attachment # 2, is added to Appendix B to reflect the addition of Cowhorn and Swampoodle Creek Sites.

These changes will be incorporated into the QAPP document and TCEQ and the Sulphur River Basin Authority will acknowledge and accept these changes by signing this amendment.

*Signed Electronically Effective June 4, 2010*

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Nancy Rose, Sulphur River Basin Authority Project Manager

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Date

*Signed Electronically Effective June 4, 2010*

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Mike Buttram, Sulphur River Basin Authority Quality Assurance Officer

\_\_\_\_\_  
Date

*Signed Electronically Effective June 4, 2010*

\_\_\_\_\_  
Jennifer Delk, CRP Project Manager

\_\_\_\_\_  
Date

*Signed Electronically Effective June 4, 2010*

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Jennifer Delk, CRP Project QAS

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Date

*Signed Electronically Effective June 4, 2010*

\_\_\_\_\_  
Allison Woodall , CRP Group Leader

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Date

*Signed Electronically Effective June 4, 2010*

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Daniel R. Burke, CRP Lead QAS

\_\_\_\_\_  
Date

The Sulphur River Basin Authority will secure written documentation from each project participant (e.g., subcontractors, other units of government, laboratories) stating the organization's awareness of and commitment to requirements contained in this quality assurance project plan amendment. The Sulphur River Basin Authority will maintain this documentation as part of the project's quality assurance records, and will ensure the documentation is available for review.

## Attachment # 1

### Appendix B Sampling Process Design and Monitoring Schedule (plan)

#### Monitoring Sites for FY 2010

The sample design for surface water quality monitoring is shown in Table B1.1 below **Table B1.1**

#### Sample Design and Schedule, FY 2010

**Table B1.1 Sample Design and Schedule, FY 2010**

Segment	Region	Site Description	Station ID	Collecting Entity (1)	Monitoring Type (2)	24 HR	Aquatic Habitat	Benthics	Nekton (3)	Conventional (4)	Inst Flow	Field (5)	Bacteria (6)
302	5	WRIGHT PATMAN LAKE AT SH 8 BOWIE COUNTY	10214	SU/TC	BS	6							
302	5	WRIGHT PATMAN LAKE AT SH 8 BOWIE COUNTY	10214	SU/TC	RT					4		6	4
302	5	WRIGHT PATMAN LAKE AT NORTH SHORE	15061	SU/TC	BS	6							
302	5	WRIGHT PATMAN LAKE AT NORTH SHORE	15061	SU/TC	RT					4		6	4
302	5	WRIGHT PATMAN LAKE ADJACENT TO IP INTAKE	16839	SU/TC	BS	6							
302	5	WRIGHT PATMAN LAKE ADJACENT TO IP INTAKE	16839	SU/TC	RT					4		6	4
302	5	WRIGHT PATMAN LAKE SITE AC	14097	SU/TC	BS	6							
302	5	WRIGHT PATMAN LAKE SITE AC	14097	SU/TC	RT							6	4
302	5	ANDERSON CREEK AT BOWIE CR 4126	16863	SU/TC	RT					4	4	4	4
302	5	RICE CREEK AT FM 1840	15947	SU/TC	RT					2	2	2	2
303b	5	ROCK CREEK AT FM 69 IN HOPKINS COUNTY	10200	SU/TC	BS	2	2	2	2				
303b	5	ROCK CREEK AT FM 69 IN HOPKINS COUNTY	10200	SU/TC	RT					4	4	4	4
303b	5	EAST CANEY CREEK AT	17909	SU/TC	BS	2	2	2	2				

INTERSTATE-30														
303b	5	EAST CANEY CREEK AT INTERSTATE-30	17909	SU/TC	RT						4	4	4	4
303b	5	STOUTS CREEK AT US 67	18189	SU/TC	BS	2	2	2	2					
303b	5	STOUTS CREEK AT US 67	18189	SU/TC	RT						4	4	4	4
303b	5	WHITE OAK CREEK AT FM 69 IN HOPINS COUNTY	20099	SU/TC	BS	2	2	2	2					
303b	5	WHITE OAK CREEK AT FM 69 IN HOPINS COUNTY	20099	SU/TC	RT						4	4	4	4
304	5	DAYS CREEK AT STATELINE RD IN BOWIE COUNTY	10226	SU/TC	BS	2								
304	5	DAYS CREEK AT STATELINE RD IN BOWIE COUNTY	10226	SU/TC	RT						4	4	4	4
304	5	COWHORN CREEK AT TUCKER ST. IN TEXARKANA	15254	SU/TC	RT	2						2	2	
304	5	SWAMPOODLE CREEK AT WEST BROAD ST. IN TEXARKANA CREEK	15342	SU/TC	RT	2						2	2	
304	5	COWHORN CREEK AT US 67 IN TEXARKANA	17324	SU/TC	RT	2						2	2	

(1) SU=Sulphur River Basin Authority, TC=Texarkana College

(2) RT=Routine, BS=Biased-Season

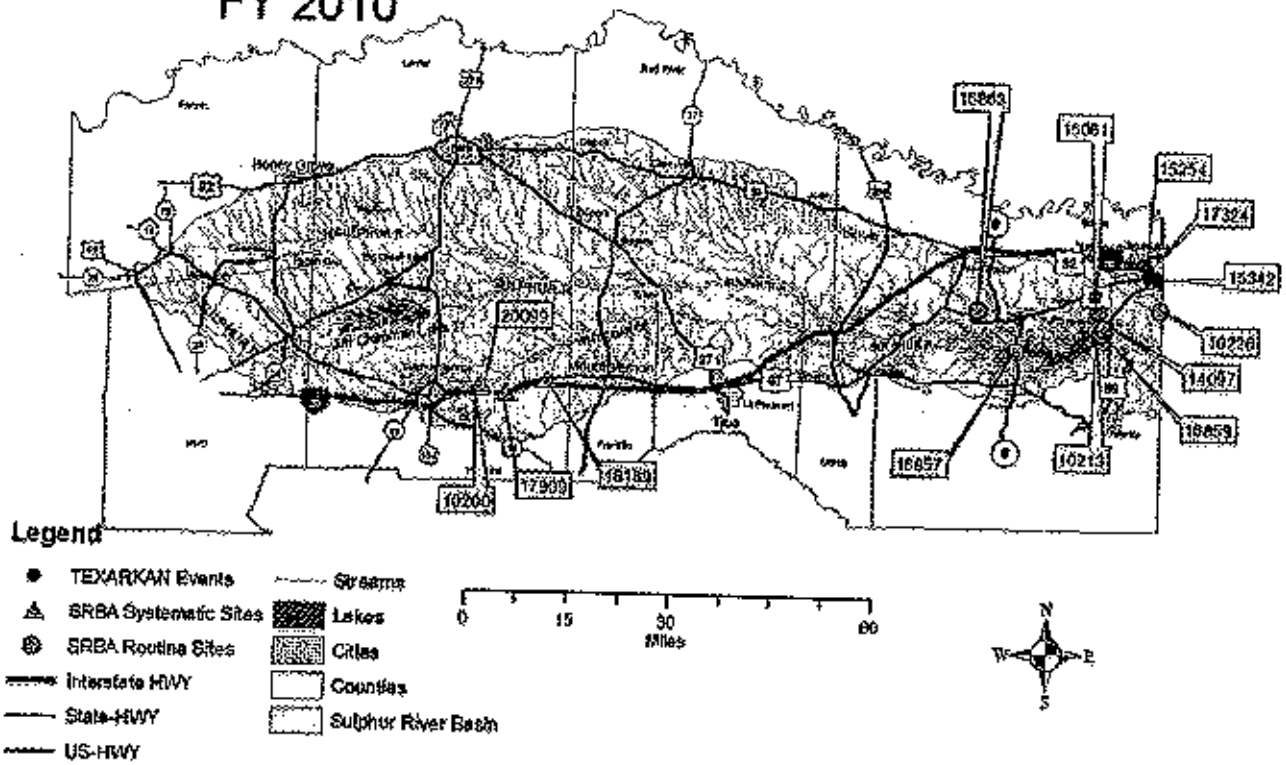
(3) Can not meet vouchering requirement at this time

(4) Conventional = TSS, TDS, sulfate, chloride, chlorophyll-a, ammonia, nitrate-N, nitrite-N, Kjeldahl-N and total phosphate-P

(5) Field = pH, DO, conductivity, temperature, Secchi depth, and observations

(6) Bacteria = E. coli

# SRBA Monitoring Sites FY 2010



## Critical vs. non-critical measurements

All data taken for CRP and entered into SWQMIS are considered critical

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