

**Amendment # 3
to the Sulphur River Basin Authority
Clean Rivers Program FY 2010/2011 QAPP**

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

Questions concerning this QAPP should be directed to:

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Effective: September 1, 2010

Justification: This document details the changes made to the basin-wide Quality Assurance Project Plan to update Appendix B for fiscal year 2011

Summary of Changes:

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

- Sample Design Rationale FY 2011
- Monitoring Sites Table with updated legends
- Maps of sampling sites

Detail of Changes:

Sample Design Rationale FY 2011:

Segment 0302: Site 10213 (WPL near Dam) has been included in the SRBA monitoring schedule for FY 2011.

Rice Creek (15947) has been dropped from the SRBA monitoring schedule for FY 2011.

Site 16863 (Anderson Creek at CR 4126) was dropped from the SRBA monitoring schedule for FY 2011.

Site 20765 (Anderson Creek at SH 98) has been included in the SRBA monitoring schedule for FY 2011.

Site 20813 (TP Lake at Hwy 82, New Boston) has been included due to requests from the Steering Committee.

Segment 0303: Site 20099 (White Oak Creek at FM 69) was dropped from the schedule for FY 2011.

Segment 0304: Sites 17324 and 15245 (Cowhorn Creek), site 15342 (Swampoodle Creek), and site 18355 (Wagner at Bishop Street) have been included in the FY 2011 schedule

Monitoring Sites Table: The attached monitoring Table B1.1 in Appendix B is added to reflect monitoring for FY 2011.

Maps: Maps are added to Appendix B to reflect monitoring sites for FY 2011.

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.

Appendix B Sampling Process Design and Monitoring Schedule (plan)

Sample Design Rationale FY 2011

The sample design is based on the legislative intent of the Clean Rivers Program. Under the legislation, the Basin Planning Agencies have been tasked with providing data to characterize water quality conditions in support of the 305(b) assessment, and to identify significant long-term water quality trends. Based on Steering Committee input, achievable water quality objectives and priorities and the identification of water quality issues are used to develop work plans which are in accord with available resources. As part of the Steering Committee process, the Sulphur River Basin Authority coordinates closely with the TCEQ and other participants to ensure a comprehensive water monitoring strategy within the watershed.

The following changes or additions have been made to the monitoring schedule. These changes have come about because of concerns or requests of steering committee members or monitoring entities.

Segment 0302: Site 10213 (WPL near Dam) has been included in the SRBA monitoring schedule for FY 2011. SRBA will coordinate the monitoring of sites 10213, 16859 (WPL near IP Intake) and 14097 (WPL site AC). SRBA will do 24-hour studies and TCEQ will do the water chemistry. The monitoring regimen is detailed in the CMS. Rice Creek (15947) has been dropped from the schedule because the systematic work at that site is complete. Site 16863 (Anderson Creek at CR 4126) was dropped in favor site 20765 (Anderson Creek at SH 98). The change was made to avoid the influence of WPL. Site 20813 (TP lake, New Boston) was added at the request of the Steering Committee due to concern of local citizens. The citizens are concerned due to the proximity of TP Lake to the large Waste Management Inc waste facility.

Segment 0303: Site 20099 (White Oak Creek at FM 69) was dropped from the schedule for FY 2011 because it was duplicating work done at Site 10201 (White Oak Creek at FM 900). Both sites are in the same AU.

Segment 0304: Sites 17324 and 15245 (Cowhorn Creek) and site 15342 (Swampoodle Creek) have been included in the FY 2011 schedule. TCEQ and SRBA will coordinate the studies at these sites with SRBA doing 24-hour studies as detailed in the CMS. This work is to support TCEQ's ALA for the creeks. Site 18355 (Wagner at Bishop Street) is included in the FY 2011 to supply TCEQ's DO monitoring requirements for assessment purposes.

Monitoring Sites for FY 2011

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

Table B1.1 Sample Design and Schedule, FY 2011

Segment	Region	Site Description	Site ID	Collecting /Submitting Entity (1)	Monitoring Type (2)	24hr DO	Conventional (3)	Bacteria (5)	Flow	Field (4)
302	5	WRIGHT PATMAN LAKE NEAR DAM	10213	SU/TC	BS	6				6
302	5	WRIGHT PATMAN LAKE AT SH 8	10214	SU/TC	BS	6				
302	5	WRIGHT PATMAN LAKE AT SH 8	10214	SU/TC	RT		4	4		6
302	5	WRIGHT PATMAN LAKE USGS SITE AC,	14097	SU/TC	BS	6				6
302	5	WRIGHT PATMAN LAKE AT NORTH SHORE	15061	SU/TC	BS	6				6
302	5	WRIGHT PATMAN LAKE AT NORTH SHORE	15061	SU/TC	RT		4	4		4
302	5	WRIGHT PATMAN LAKE ADJACENT TO INTERNATIONAL PAPER RAW WATER INTAKE STRUCTURE	16859	SU/TC	BS	6				6
302	5	ANDERSON CREEK AT SH 98	20765	SU/TC	RT			4	4	4
302	5	ANDERSON CREEK AT SH 98	20765	SU/TC	BS	2				
302	5	TP LAKE, NEW BOSTON	20813	SU/TC	BS	2				
302	5	TP LAKE, NEW BOSTON	20813	SU/TC	RT			4	4	4
303	5	ROCK CREEK AT FM 69	10200	SU/TC	RT		4	4	4	4
303	5	EAST CANEY CREEK AT I-30 SERVICE ROAD	17909	SU/TC	RT		4	4	4	4
303	5	STOUTS CREEK AT US HIGHWAY 67	18189	SU/TC	RT		4	4	4	4
304	5	DAYS CREEK AT STATELINE ROAD	10226	SU/TC	BS	2			2	
304	5	DAYS CREEK AT STATELINE ROAD	10226	SU/TC	RT		4	4	4	4
304	5	COWHORN CREEK AT TUCKER ST. IN TEXARKANA	15254	SU/TC	BS	4			4	4
304	5	SWAMPOODLE CREEK AT WEST BROAD ST. IN TEXARKANA CREEK	15342	SU/TC	BS	4			4	4
304	5	COWHORN CREEK AT US 67 IN TEXARKANA	17324	SU/TC	BS	4			4	4

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

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

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

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

(5) E. coli samples analyzed by SM 9223-B should always be processed as soon as possible and within 8 hours. When transport conditions necessitate delays in delivery longer than 6 hours, the holding time may be extended and samples must be processed as soon as possible and within 48 hours.

Attachment II
Map: SRBA Monitoring Sites, FY 2011

Nancy Rose
Nancy Rose, Sulphur River Basin Authority Project Manager

7-06-2010
Date

Mike Buttram
Mike Buttram, Sulphur River Basin Authority Quality Assurance Officer

7/04/2010
Date

Jennifer Dalk
Jennifer Dalk, CRP Project Manager

8/12/10
Date

Jennifer Dalk
Jennifer Dalk, CRP Project QAS

8/12/10
Date

Allison Woodall
Allison Woodall, CRP Group Leader

8/13/10
Date

Daniel R. Burke
Daniel R. Burke, CRP Lead QAS

8/31/2010
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 Planning Agency will maintain this documentation as part of the project's quality assurance records, and will ensure the documentation is available for review.