Amendment # 4
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: Date to be inserted by TCEQ Lead QA Specialist

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:

- Monitoring Sites Table

Detail of Changes:

Sample Design Rationale FY *2011:*

Monitoring Sites Table: The attached monitoring Table B1.1 in Appendix B is added to reflect monitoring for FY 2011. The table includes the conventional water chemistry that was not in Amendment # 3 for sites 20765 (Anderson Creek at SH 98) and 20813 (TP Lake, New Boston). An updated Table B1.1 is included.

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.

Nancy Rose, Sulphur River Basin Authority Project Manager Date

Mike Buttram, Sulphur River Basin Authority Quality Assurance Officer Date

Jennifer Delk, CRP Project Manager Date

Jennifer Delk, CRP Project QAS Date

Allison Woodall, CRP Group Leader Date

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

Appendix B Sampling Process Design and Monitoring Schedule (plan)

Sample Design Rationale FY *2011*
The following changes or additions have been made to the monitoring schedule.

Segment 0302: Table B1.1 includes the conventional water chemistry for four monitoring events that were not in Amendment # 3 for sites 20765 (Anderson Creek at SH 98) and 20813 (TP Lake, New Boston).

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	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	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.

Critical vs. non-critical measurements

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