

**Amendment # 3
to the Red River Authority of Texas
Clean Rivers Program FY 2010/2011 QAPP**

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

Questions concerning this QAPP should be directed to:

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Effective: February 15, 2011

Justification: This document details the changes made to the basin-wide Quality Assurance Project Plan to update Section A4/Project Task Organization and Table D2.1 for fiscal year 2011.

Summary of Changes:

The following information in Section A4 amended to reflect changes to:

- Change in Red River Authority CRP Project Manager
- Change in Red River Authority Laboratory QA Officer

The following information in Table D2.1 – Data Review is amended to reflect changes to:

- Change in Red River Authority CRP Project Manager
- Change in Red River Authority Laboratory QA Officer

Detail of Changes:

Section A4 – Project/Task Description and Chart 1

- Allen M. Pappas has replaced James E. Wright as the Red River Authority CRP Project Manager.
- Allen M. Pappas has replaced Jill Simpson as the Red River Authority Laboratory QA Officer.

Table D2.1 – Data Review

- Allen M. Pappas has replaced James E. Wright as the Red River Authority CRP Project Manager.
- Allen M. Pappas has replaced Jill Simpson as the Red River Authority Laboratory QA Officer.

Section A3 – Distribution List

- Allen M. Pappas has replaced James E. Wright as the Red River Authority CRP Project Manager.
- Allen M. Pappas has replaced Jill Simpson as the Red River Authority Laboratory QA Officer.

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

Signed Electronically Effective 2/15/2010

Allen M. Pappas, Red River Authority CRP Project Manager _____ Date

Signed Electronically Effective 2/15/2010

W. Scott Burns, Red River Authority CRP Quality Assurance Officer _____ Date

Signed Electronically Effective 2/15/2010

Allen M. Pappas, Red River Authority Laboratory QA Officer _____ Date

Signed Electronically Effective 2/15/2010

Julie McEntire, TCEQ CRP Project Manager _____ Date

Signed Electronically Effective 2/15/2010

Jennifer Delk, TCEQ CRP Project QAS _____ Date

Signed Electronically Effective 2/15/2010

Allison Woodall, TCEQ CRP Group Leader _____ Date

Signed Electronically Effective 2/15/2010

Daniel R. Burke, TCEQ CRP Lead QAS _____ Date

A3 DISTRIBUTION LIST

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The Red River Authority of Texas will provide copies of this project plan and any amendments or appendices of this plan to each person on this list and to each sub-tier project participant, e.g., subcontractors, other units of government. The Red River Authority of Texas will document distribution of the plan and any amendments and appendices, maintain this documentation as part of the project's quality assurance records, and will ensure the documentation is available for review.

A4 PROJECT/TASK ORGANIZATION

Description of Responsibilities

Red River Authority of Texas

Allen M. Pappas

Red River Authority CRP Project Manager

Responsible for implementing and monitoring CRP requirements in contracts, QAPPs, and QAPP amendments and appendices. Coordinates basin planning activities and work of basin partners. Ensures monitoring systems audits are conducted to ensure QAPPs are followed by Red River Authority participants and that projects are producing data of known quality. Ensures that subcontractors are qualified to perform contracted work. Ensures CRP project managers and/or QA Specialists are notified of deficiencies and corrective actions, and that issues are resolved. Responsible for validating that data collected are acceptable for reporting to the TCEQ. Ensures ESD staff is properly trained and that training records are maintained. Assists during sample collection events and serves as alternate CRP Sample Custodian.

Allen M. Pappas

Red River Authority Laboratory QA Officer

Responsible for the implementation of the QA program for the Authority's Laboratory. Responsible for identifying, maintaining Laboratory quality assurance records, and maintaining requirements for NELAC laboratory compliance. Serves as alternate Laboratory Sample Custodian.

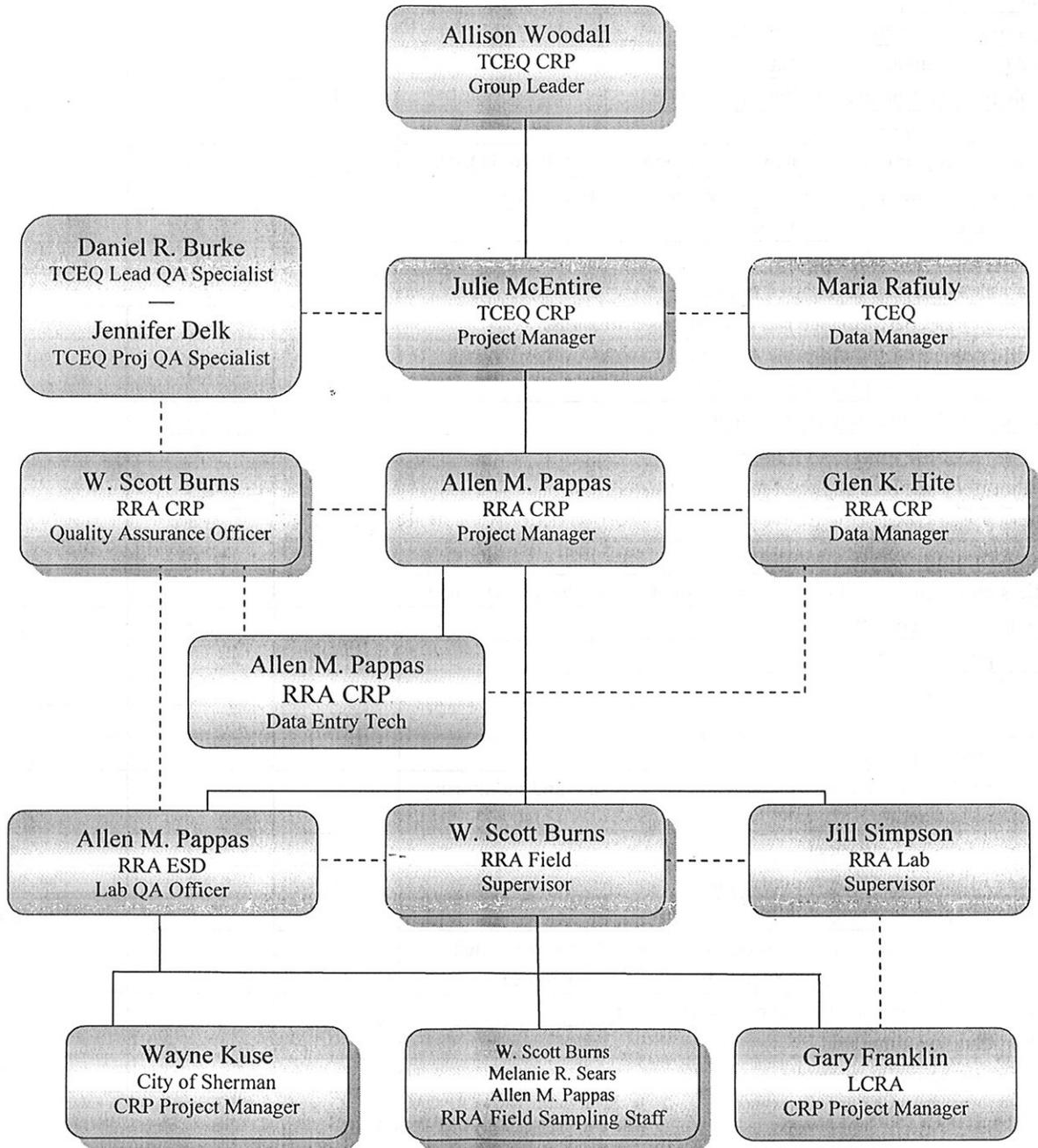
Jill Simpson

Red River Authority Laboratory Supervisor

Responsible for ensuring that all samples received in the Environmental Services Division Laboratory are within the allotted time, and that the chain-of-custody has been observed. Ensures that the samples are analyzed in accordance with standard accepted methods as described in the SOP manual. Ensures all analysis results are correctly performed and properly recorded on the lab data sheets and in the appropriate analytical log books prior to transmittal to the Quality Assurance Officer. Serves as Laboratory Sample Custodian.

PROJECT ORGANIZATION CHART

Chart 1 - Organization Chart - Lines of Communication



-----Lines of Communication

—————Lines of Management

Table D2.1 - Data Review

Data to be Verified	Field Task	Laboratory Task	Lead Organization Data Manager Task
Sample documentation complete; samples labeled, sites identified	1,2		
Field QC samples collected for all analytes as prescribed in the TCEQ <i>SWQM Procedures Manual</i>	1		
Standards and reagents traceable		2,3	
Chain of custody complete/acceptable	1	2,3	
NELAC Accreditation is current		2,3,5	
Sample preservation and handling acceptable	1	2,3	
Holding times not exceeded	1	2,3	
Collection, preparation, and analysis consistent with SOPs and QAPP	1	2,3	
Field documentation (e.g., biological, stream habitat) complete	1		
Instrument calibration data complete	1	3	
Bacteriological records complete	1	3	
QC samples analyzed at required frequency		2,3	
QC results meet performance and program specifications		2,3	
Analytical sensitivity (Minimum Analytical Levels/Ambient Water Reporting Limits) consistent with QAPP		2,3	
Results, calculations, transcriptions checked	1	2,3	2,4
Laboratory bench-level review performed		3	5
All laboratory samples analyzed for all parameters		2,3	
Corollary data agree		2,3	4
Nonconforming activities documented	1,5	2,3,5	2,4,5
Outliers confirmed and documented; reasonableness check performed			2,4
Dates formatted correctly	1	2,3	2,4,6
Depth reported correctly	1		2,4,6
TAG IDs correct			2,4,6
TCEQ ID number assigned	1		2,4
Valid parameter codes			2,4,6
Codes for submitting entity(ies), collecting entity(ies), and monitoring type(s) used correctly			2,4
Time based on 24-hour clock	1	2,3	2,4,6
Absence of transcription error confirmed	1	2,3	2,4
Absence of electronic errors confirmed			2,4
Sampling and analytical data gaps checked (e.g., all sites for which data are reported are on the coordinated monitoring schedule)	1		2,4
Field QC results attached to data review checklist			2,4
Verified data log submitted			4,5
10% of data manually reviewed			2,4

1. W. Scott Burns, RRA CRP Field Supervisor
4. Glen K. Hite, RRA CRP Data Manager

2. W. Scott Burns, RRA CRP QAO
5. Allen M. Pappas, RRA CRP Project Mgr.

3. Jill Simpson, RRA Lab Supervisor
6. Allen M. Pappas, RRA CRP Data Entry Tech