



# Upper Neches Basin Steering Committee Meeting

May 19, 2011



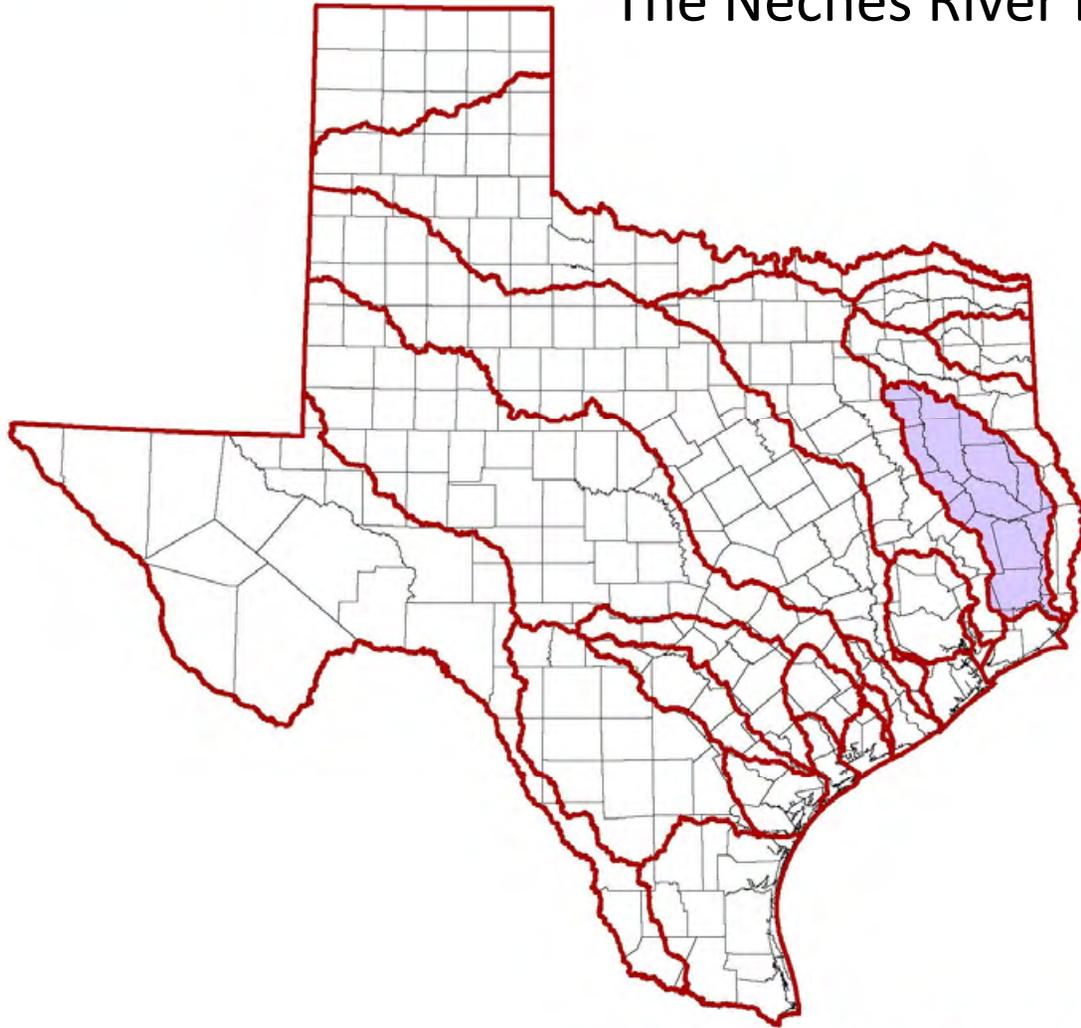
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# ANRA's Functions in the Neches Basin



## The Neches River Basin



**ANRA's Jurisdictional Service Area includes all or a portion of the following counties:**

**Van Zandt  
Smith  
Henderson  
Newton  
Cherokee  
Anderson  
Rusk  
Houston  
Nacogdoches**

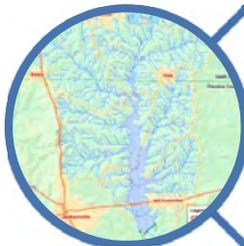
**San Augustine  
Shelby  
Angelina  
Trinity  
Sabine  
Polk  
Jasper  
Orange**



## ANRA's General Administration



**Coordinate with  
Governments/Entities**



**Water Resource Planning and Development  
Lake Columbia**



**Economic Development  
Bond Issuance**



## ANRA's Field Operations Division



**Regional Wastewater Treatment Facilities  
and Contract Operations**



**Drinking Water Utilities**



**Biosolids Composting**  
Neches Compost Facility



## ANRA's Environmental Division



**Clean Rivers Program**  
Water Quality Monitoring



**Environmental Laboratory**  
Drinking Water, Surface Water, and  
Wastewater Testing



**Control Zone Rayburn**  
On-Site Sewage Facility Permitting



# An Overview of the Texas Clean Rivers Program



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# Introduction to the Texas Clean Rivers Program

- State fee-funded program for water quality monitoring, assessment, and public outreach.
- Collaboration of 15 partner agencies and the Texas Commission on Environmental Quality (TCEQ).
- Provides a framework and forum for managing water quality issues within a river basin, both locally and regionally, by coordinating the efforts of diverse organizations.

<http://www.tceq.texas.gov/waterquality/clean-rivers>

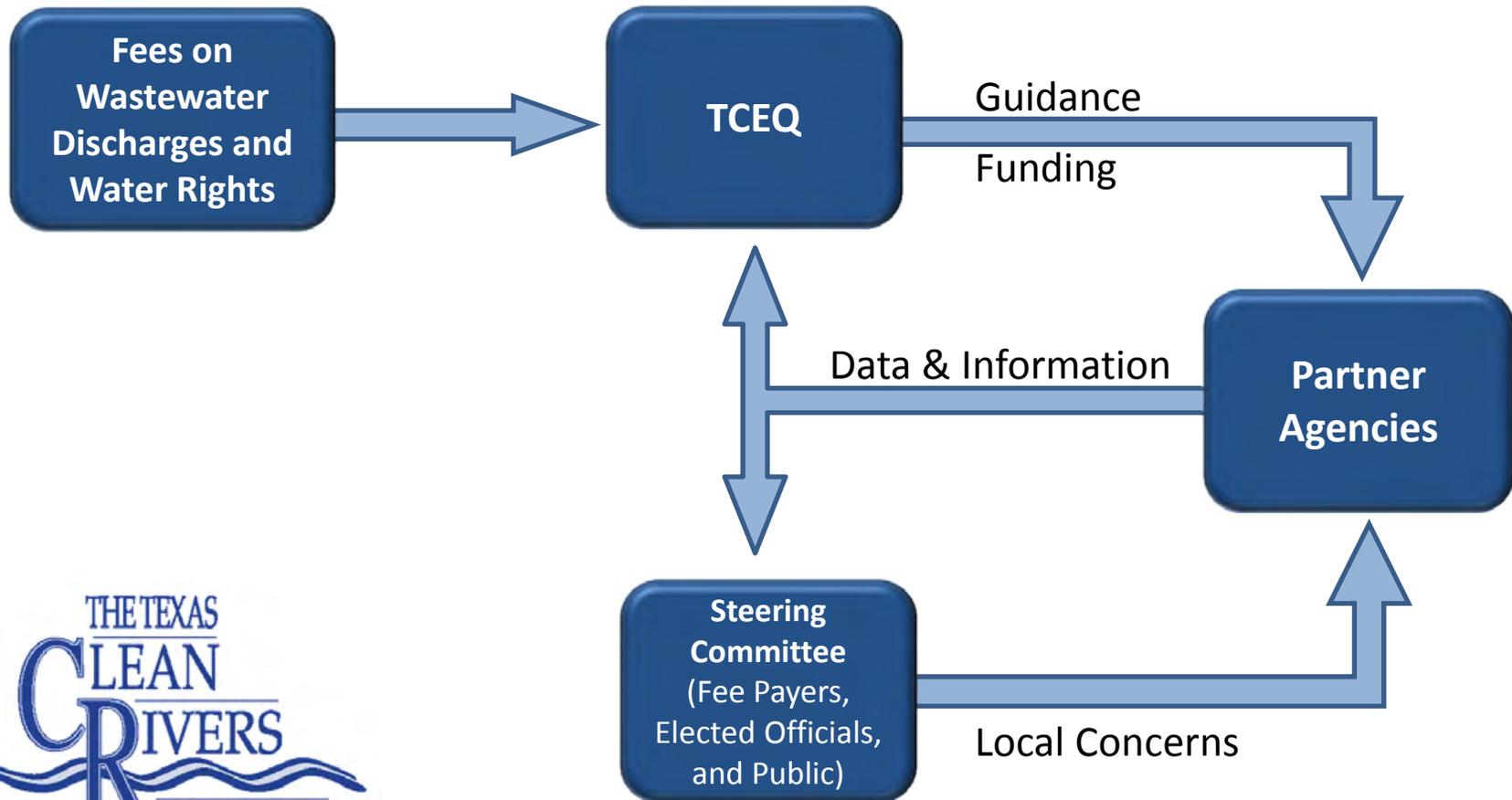


# Objectives of the Texas Clean Rivers Program

- 1) Provide Quality-Assured Data to the Commission for Use in Water Quality Decision-Making
- 2) Identify and Evaluate Water Quality Issues
- 3) Promote Cooperative Watershed Planning
- 4) Inform and Engage Stakeholders
- 5) Maintain Efficient Use of Public Funds
- 6) Adapt Program to Emerging Water Quality Issues



# Funding for the Texas Clean Rivers Program





### FY 2012 - 2013 Budget Allocations

<u>Planning Agency</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>Total Allocation</u>
BRA (12)	421,580	421,580	843,160
GBRA (17 & 18)	143,341	143,341	286,682
HGAC (9, 10, 11, 13)	1,022,416	1,022,416	2,044,832
IBWC (23)	282,973	282,973	565,946
LNRA (16)	105,139	105,139	210,278
LCRA (14 & 15)	404,256	404,256	808,512
ANRA & LNVA (6 & 7)	349,164	349,164	698,328
NETMWD (4)	105,139	105,139	210,278
NRA (20, 21, & 22)	274,136	274,136	548,272
RRA (1 & 2)	329,419	329,419	658,838
SARA (19)	209,403	209,403	418,806
SRA (5)	331,490	331,490	662,980
SRBA (3)	105,138	105,138	210,276
TRA (8)	416,406	416,406	832,812
<b>TOTALS</b>	<b>\$4,500,000</b>	<b>\$4,500,000</b>	<b>\$9,000,000</b>



## Overview of the Clean Rivers Program Work Plan

### TASK 1

#### Project Administration

- Progress Reports
- Cost Accounting and Reimbursement Requests
- Work Plan Development

### TASK 2

#### Quality Assurance

- Quality Assurance Project Plan development and implementation
- Data review / verification / validation

### TASK 3

#### Water Quality Monitoring

- Planning and coordinating basin-wide monitoring
- Conducting routine, systemic, and special study monitoring





## TASK 4

### Data Management

- Maintain a water quality database
- Transfer of data to TCEQ's Surface Water Quality Monitoring Information System (SWQMIS)

## TASK 5

### Data Analysis & Reporting

- Quality Assurance Project Plan development and implementation
- Data review/verification/validation

## TASK 6

### Stakeholder Participation & Public Outreach

- Basin Steering Committee meetings
- Public Outreach and education activities
- Website updates
- Volunteer Monitoring (Texas Stream Team)

## TASK 7

### Special Projects

- Special projects developed to address watershed-specific concerns





# ANRA Clean Rivers Program FY10 – 11 Budget Allocations & Expenses



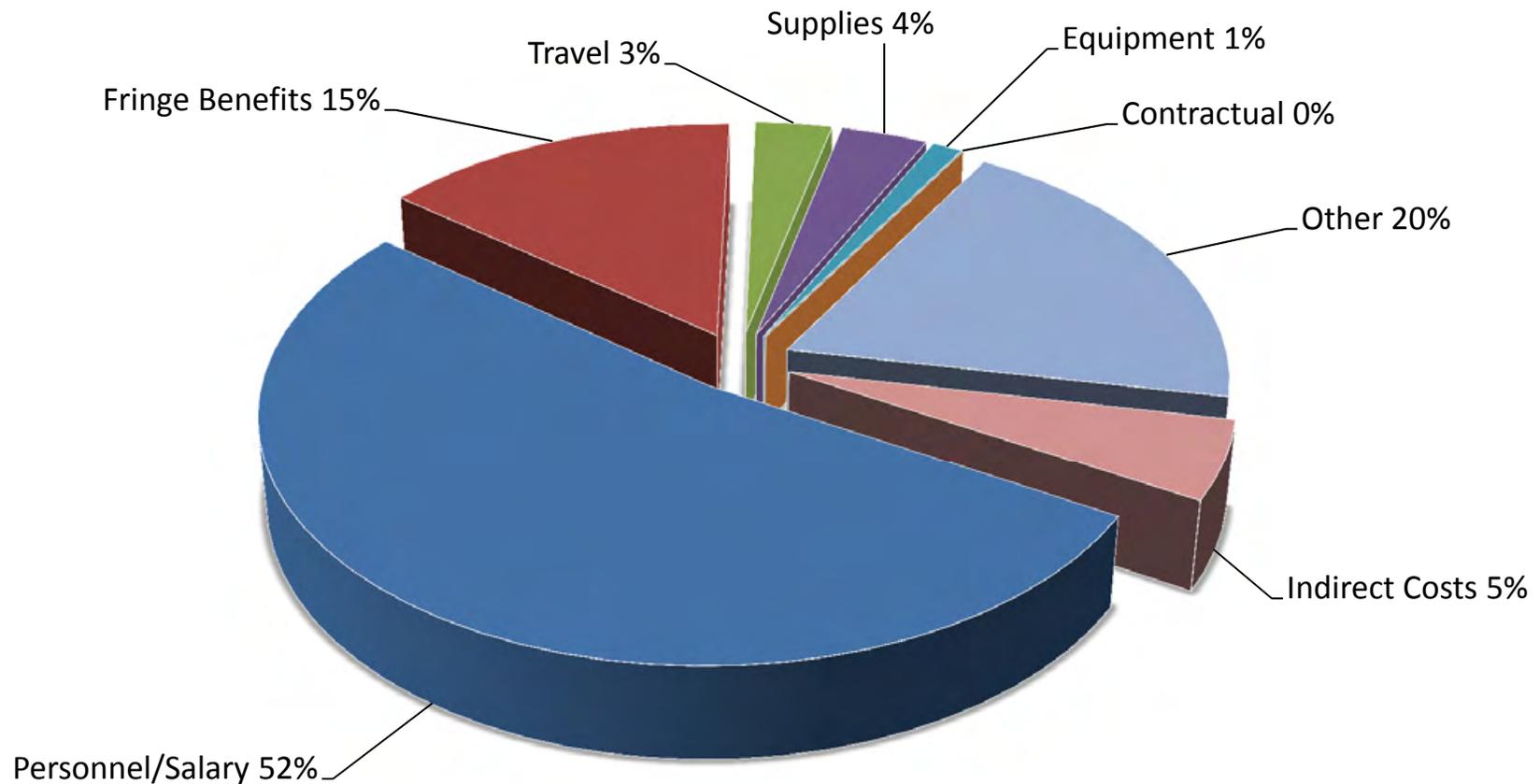


## FY 2010 – FY 2011 Clean Rivers Program Budget

Budget Category	Approved Budget	Cumulative Project Cost (thru FY 11 2 <sup>nd</sup> Qtr)	Balance Remaining	% Remaining
Personnel/Salary	\$188,000.00	\$138,828.48	\$49,171.52	26.2%
Fringe Benefits	\$52,640.00	\$38,871.96	\$13,768.04	26.2%
Travel	\$11,324.00	\$9,574.85	\$1,749.15	15.4%
Supplies	\$12,850.00	\$9,881.64	\$2,968.36	23.1%
Equipment	\$4,490.00	\$3,426.23	\$1,063.77	23.7%
Contractual	\$0.00	\$0.00	\$0.00	-
Construction	\$0.00	\$0.00	\$0.00	-
Other	\$70,060.00	\$54,440.79	\$15,619.21	22.3%
Total Direct Costs	\$339,364.00	\$255,023.95	\$84,340.05	24.8%
Authorized Indirect Costs	\$18,800.00	\$13,882.84	\$4,917.16	26.2%
<b>Total Reimbursable Costs</b>	<b>\$358,164.00</b>	<b>\$268,906.79</b>	<b>\$89,257.21</b>	<b>24.9%</b>



# ANRA Clean Rivers Program Budget by Category





## Updates for FY 12 - 13

- The current Clean Rivers Program contract between ANRA and TCEQ ends 8/31/11.
- A new contract for FY 12 – 13 is currently being developed.
- A draft budget and work plan has been submitted to TCEQ.
- A new Quality Assurance Project Plan (QAPP) will be written for FY 12 - 13



# ANRA's Future Goals and Objectives



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## Future Goals and Objectives

- Work closely with TCEQ, TSSWCB, and other agencies to identify the need for any special projects
- Explore options for additional grant funding through the Federal 319 Non-Point Source Pollution program
- Develop monitoring programs to address water quality impairments (bacteria)
  - Targeted monitoring
  - Sanitary Surveys



## Future Goals and Objectives

- Expand GIS capabilities, including mapping septic systems around Sam Rayburn Reservoir to assist in identifying sources of water quality concerns
- Improved ANRA Clean Rivers Program website
  - Maps
  - Detailed monitoring site descriptions, photos, etc.

[http://www.anra.org/divisions/water\\_quality/crp/index.html](http://www.anra.org/divisions/water_quality/crp/index.html)

- Increase stakeholder and steering committee involvement



## Planned Equipment Purchase

- TCEQ Clean Rivers Program personnel have submitted a request to provide ANRA with additional grant funds to pay for a portion of the purchase of a Seal AutoAnalyzer 3.
- The total cost of the equipment is \$30,925.00.



This equipment will provide:

- Automated analysis of Ammonia-N, Nitrate+Nitrite-N, and Total Phosphorus
- Lower Detection Limits
- Increased productivity, efficiency, and reliability



## Comments or Questions?

- Please direct inquiries regarding ANRA's Clean Rivers Program to:

Brian Sims  
Environmental Division Manager  
Angelina & Neches River Authority  
210 Lufkin Ave  
Lufkin, TX 75901  
Phone: 936-633-7527  
Email: [bsims@anra.org](mailto:bsims@anra.org)