

Lake Eastex Update

REPORT ON THE EAST TEXAS REGIONAL WATER SUPPLY PROJECT Oct./Nov., 2000

Water Quality important in Lake Eastex project

Water quality in the proposed Lake Eastex supply reservoir will be critical and, in order to develop a baseline of water quality information for the lake, the Environmental Division of the Angelina & Neches River Authority (ANRA) has begun additional monitoring and testing.

The monitoring and testing in the Mud Creek watershed is part of the Texas Clean Rivers Program, which ANRA administers in the Upper Neches River Basin, in cooperation with the Texas Natural Resource Conservation Commission (TNRCC).

While the ANRA is focusing on the Mud

Creek subwatershed because of Lake Eastex, it also monitors water quality at strategic locations throughout the Upper Neches River watershed.

ANRA works closely with regional TNRCC offices to establish monitoring stations which will provide the best coverage of the river basin and eliminate the duplication of monitoring resources.

Subwatershed monitoring, such as the work in the Mud Creek watershed, is one aspect of the overall ANRA surface water quality monitoring program.

Subwatershed monitoring allows ANRA to detect and describe water quality concerns on a regional basis. This information can be useful in determining the levels of both point and non-point pollution sources within each

major subwatershed.

The Mud Creek subwatershed will be monitored during fiscal year 2001, which began in September of this year.

Four stations have been added on the creek and one station has been added to West Mud Creek.

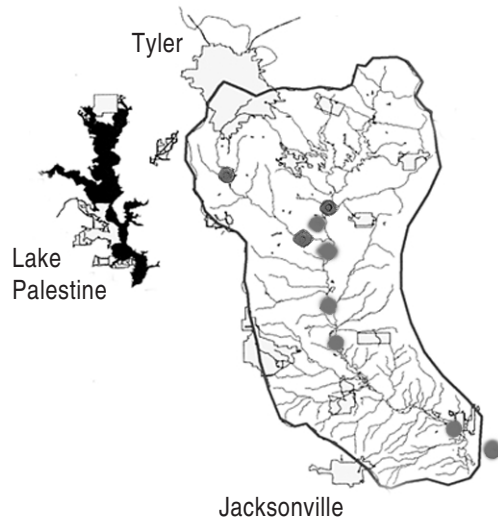
All stations will be monitored quarterly and the parameters analyzed, including in-stream flows, pH, temperature, dissolved oxygen, oxygen, conductivity, total dissolved solids, total suspended solids, sulfate, chloride, fecal coliform



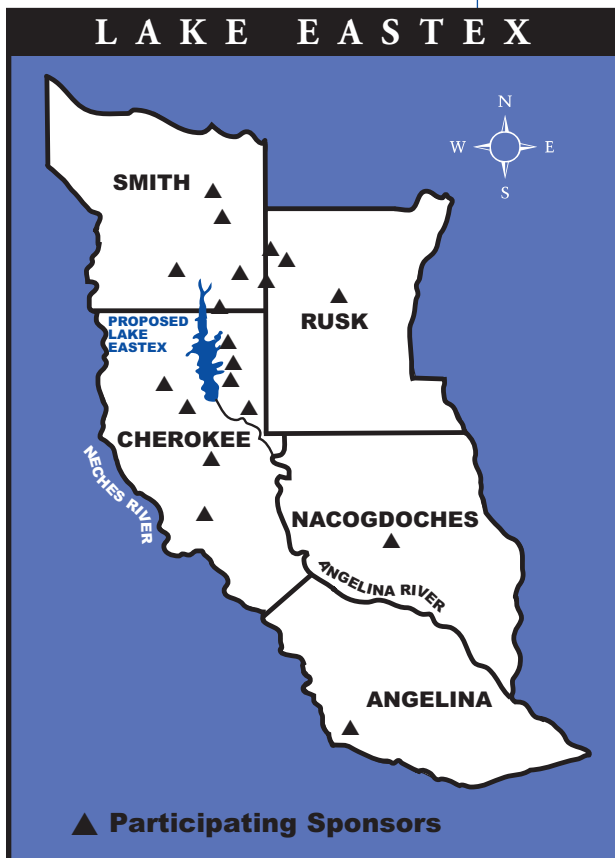
ANRA employees collect water samples in Mud Creek to perform water quality monitoring.

and E. coli. Additional parameters such as dissolved metals, sediment metals, and biological monitoring will be done annually.

Mud Creek Subwatershed



This map defines the Mud Creek subwatershed, which is the focus of water quality monitoring by ANRA. The dots in the map indicate monitoring station.



Angelina & Neches River Authority

ANRA jurisdiction includes all or part of the following counties: Anderson, Angelina, Cherokee, Henderson, Houston, Jasper, Nacogdoches, Newton, Polk, Rusk, Sabine, San Augustine, Shelby, Smith, Trinity, Tyler and Van Zandt counties.

Formal application to be filed

The formal application for approximately \$500,000 in grant funds for Lake Eastex planning will be submitted to the Texas Water Development Board (TWDB) in October.

The funds, if approved, will be used as a match with funds from local Lake Eastex participants.

"Our thanks to State Representatives Todd Staples, Clyde Alexander, Wayne Christian and Jim McReynolds and State Senator Drew Nixon for their assistance in working with the TWDB to develop this potential funding source," said ANRA General Manager Kenneth Reneau.

Participation in Lake Eastex grows

Pre-construction funding participation in the Lake Eastex project now represents 66% of the reservoir's yield.

The latest participant is the Craft-Turney Water Supply Corporation, which recently voted to join the project.

The North Cherokee County Water Supply Corporation also voted recently to increase its level of participation.

Other Lake Eastex participants include the cities of Jacksonville, Troup, New Summerfield, Whitehouse, Rusk, New London, Arp, Tyler and Nacogoches, Cherokee County, Temple-Inland, water supply corporations from Jackson, Rusk Rural, Blackjack, Reklaw, Caro, Stryker Lake, and Afton Grove.

Thanks to the City of Lufkin

Our special thanks to the Lufkin City Council for its continuing support of ANRA.

The City of Lufkin provides ANRA with rent-free facilities in Lufkin's Old City Hall Building at 210 Lufkin Avenue of Lufkin and recently upgraded the building's air conditioning system.

ANRA Chairman Jack Sweeny thanked Mayor Louis Bronaugh and the Lufkin City Council for the city's support. "The former

city hall building has allowed us to call Lufkin our official home in the river basin, and we look forward to a continued strong relationship between our two organizations," said Sweeny.



ANRA employees volunteered to adopt a section of U.S. Highway 69 near Wells. Employees who participated in the first cleanup recently were (from the left) Brian Melancon, Lucy Hancock, David Hancock, C.W. Wells, Kelley Holcomb, Jeanette Hancock, Mike Parrish, and Kathryn Judd.

Presorted
Standard
U.S. Postage
PAID
Lufkin, Texas
Permit No. 38



Angelina & Neches River Authority
P.O. Box 387
210 East Lufkin Avenue
Lufkin, Texas 75901
Telephone: 936-632-7795
Fax: 936-632-2564