

Meeting Report
North Bosque River TMDL Refinement Project Advisory Group

September 28, 2004

10:00 am -3:30 pm

J. J. Pickle Research Campus

MCC Building

Stakeholders Present: Kyle Headley (Brazos River Authority), John Cowan (Texas Association of Dairymen and Dairy Farmers of America), Pat Radloff (Texas Parks and Wildlife Department), Jerry Golden (City of Clifton), Tony Provin (Texas Cooperative Extension), Richard Eyster (Texas Department of Agriculture), Kevin Wagner (Texas State Soil and Water Conservation Board), Ricky Garrett (City of Waco)

Stakeholders Absent: Joseph White (Baylor University), Norman Johns (National Wildlife Federation), Justin Taylor (Sierra Club), City of Stephenville, Allan Jones (Texas A&M University System), Ned Meister (Texas Farm Bureau), Jeff Tripe (U.S. Army Corps of Engineers), Norman Bade (USDA-NRCS), Shawneille Campbell (U.S. Environmental Protection Agency), Richard Kiesling (U.S. Geological Survey)

Support Team Present: Larry Hauck (TIAER), Ali Saleh (TIAER), Anne McFarland (TIAER), Heather Jones (TIAER), George Ward (UT-CRWR)

Others Present: Larry Koenig (TCEQ), Sandra Alvarado (TCEQ), Roger Miranda (TCEQ), Bill Carter (TCEQ), Carol Whittington (TCEQ), Clyde Bohmfalk (TCEQ), Shayne Woodland (TAD), Kirsan Voinis (TAD), James Miertschin (James Miertschin & Assoc.), Bruce Wiland (Wiland Consulting), T.J. Helton (TSSWCB), Rick Hay (CWSS-TAMU CC), Drew Decker (TWDB)

Materials Distributed:

The following was provided at the meeting: The report titled *Stream Channel Flow Regimes and Statistics of Occurrence in the Bosque Basin* and handouts on AVSWAT.

Welcome & Introduction

The third meeting of the North Bosque River TMDL Model Refinement Project Advisory Group was held on Tuesday, September 28, 2004 from 10:00 AM until 3:30 PM in Room 3.1004 (Hill Country Room) of the MCC Building, J.J. Pickle Research Center, The University of Texas at Austin. Larry Hauck (TIAER) introduced the meeting and self-introductions were made.

Old Business

The group approved the minutes from the last meeting

Meeting Overview

Larry Hauck presented the project schedule showing the progress to date and the tasks that will occur over the remainder of the project.

Anne McFarland gave an update on the data acquisition activities for the indirect and direct data activities that are needed to complete the project. Suggestions were provided by James Miertschin and Tony Provin regarding strategies for the future sampling of municipal WWTP effluents. Pat Radloff indicated that TPWD Austin office could provide information on fish kills that might provide support data in efforts to quantify authorized and unauthorized dairy lagoon discharges. Ricky Garrett indicated that he was aware of information from assessments of individual dairy operations that could provide additional information on dairy lagoon systems. John Cowan indicated that much of the dairy assessment information was confidential and that data requests should be directed to him.

Ali Saleh presented the refined subbasin delineation (92 subbasins) for approval. A map of the subbasin delineations was made available to the advisory group following the December 2003 meeting and was displayed during this meeting for final comments. The group was asked to make any concerns or comments known to the project team within the next few days. If no concerns are received, TIAER will proceed with the subbasin delineation as presented to the group. Ali Saleh gave an overview presentation on the SWAT (Soil and Water Assessment Tool) model that will be used in the project. The presentation included the basic theory and fundamentals of processes in the model and data that are needed for SWAT to calculate loadings and concentrations. Some examples of the data needed for the simulation includes soil, weather, land use, and crop management data.

The group took a lunch break and those interested in the SWAT model were invited to attend the afternoon session of the meeting. During the afternoon session Ali Saleh demonstrated the SWAT model and the inputs required. The meeting was adjourned at 3:30 pm.