

The background of the slide features a light beige, marbled paper texture. On the left side, a dark brown branch extends vertically, with a single, elongated, dried leaf attached. A second, similar branch and leaf are positioned horizontally at the bottom of the slide. The text is centered in a dark brown, serif font.

**CAHABA RIVER BASIN
PROJECT
STEERING COMMITTEE**

SUB-COMMITTEE REPORTS




MISSION

“ to identify issues, explore solutions, and make recommendations for the management and stewardship of the Cahaba River Basin while maintaining the balance between protecting the environment and promoting the economy.”




SUB-COMMITTEES

- **Natural Resources/Conservation**
- **Economic Development**
- **Water Quality**
- **Water Quantity**



Natural Resource/Conservation Tasks

1. Establish the natural resources technical background; (Completed)
2. Develop a list of watershed issues related to natural resources and conservation; (Completed)
3. Evaluate the watershed from a status quo perspective. (Status Unknown)



Natural Resource/Conservation

Task#2 Watershed Issues (Summary)

- Habitat and flow requirements
- Biological conditions in streams
- Zoogeography of aquatic species
- Implementation of BMPs
- Riparian and streamside management zones
- Threatened and endangered species
- Distribution of sensitive habitats
- Water conservation
- Nonpoint and point source pollution
- Septic tank failure
- Implementation of techniques for sustainable development



ECONOMIC DEVELOPMENT

**PURPOSE: To obtain information
related to economic development
within the Cahaba River Basin**



ECONOMIC DEVELOPMENT

ACTIVITIES

- 1. Survey existing information, identify benefits/areas no impacted relative to risk to human health, ecological health and quality of life; look at improving measures and evaluate effectiveness of improvement.**
- 2. Obtain population figures for the Cahaba Watershed (1990 – 2003)**



WATER QUALITY

PURPOSE:

“to compile historical water chemistry data on the Cahaba River, and to perform a technical review of this data.”

DATA COLLECTED: 1993 - 1998



WATER QUALITY

OBJECTIVES:

- 1. Identify those who are performing routine and special studies,**
- 2. Identify locations where samples were collected**
- 3. Identify water quality parameters used**
- 4. Develop a comprehensive water quality database**
- 5. Evaluate findings for trends**
- 6. Communicate and coordinate information with others**



WATER QUANTITY

PURPOSE:

“to gather the existing water quantity information for the Cahaba River Basin.”



WATER QUANTITY

Data gathered from 1901 – 1999

- **The Water Works and Sewer Board of the City of Birmingham**
- **City of Hoover**
- **U.S. Geological Survey**
- **National Climatic Data Center**
- **Alabama Department of Environmental Management**



REPORTS

**All reports have been posted to
the Cahaba CWP website**

www.cahabacwp.org