

TCEQ Office of Water



Announced new Office – November 2009

Office Mission Statement

- Make balanced decisions based on sound science
- Proactively work with stakeholders to implement our programs
- Continue to develop and train our great staff
- Provide accurate and prompt communication
- Provide flexibility and be problem solvers

Divisions in the Office of Water

- Water Quality
- Water Supply
- Water Quality Planning



Setting Standards for Water Quality

- **Goals (uses & criteria) for surface waters**

- recreation
- fish consumption
- public water supply
- aquatic life



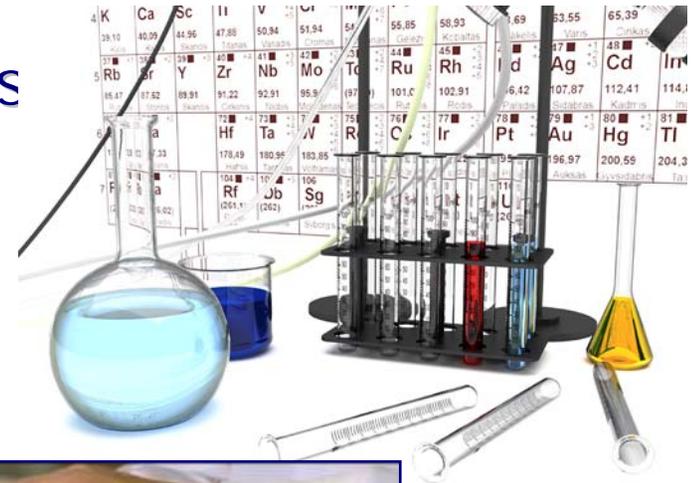
Monitoring and Assessing Water Quality

Are our surface waters clean enough for their designated uses?



Managing and Analyzing Data and Assuring Its Quality

Are our methods scientifically sound and repeatable?



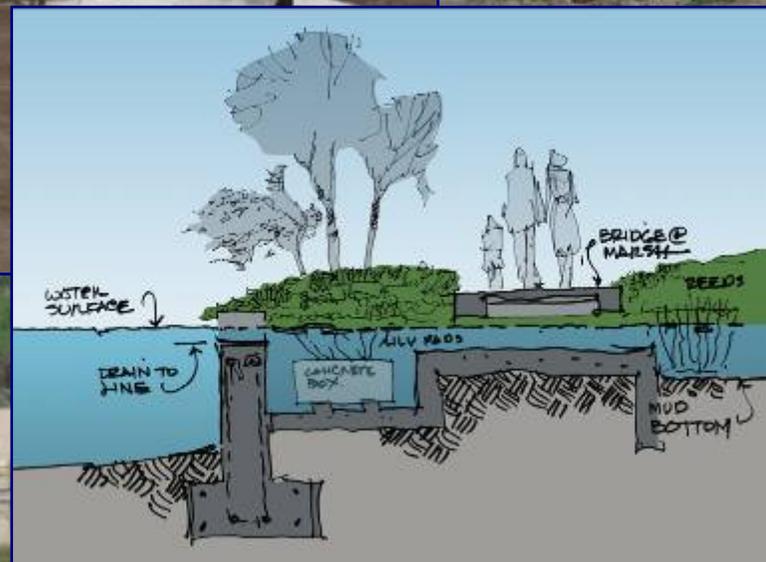
Developing Plans for Addressing Water Quality Impairments

- Total Maximum Daily Loads (TMDLs)
- TMDL Implementation Plans
- Watershed Protection Plans

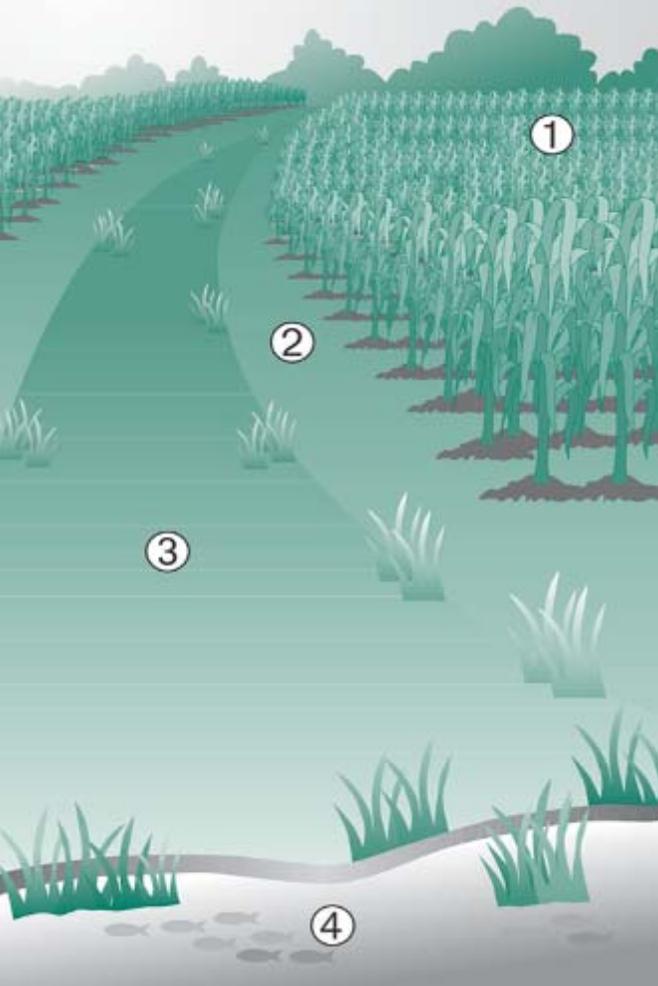
Implementing Water Quality Improvement Measures

- Urban & Agricultural Stormwater / Run-off Management Measures
- Wastewater treatment plant effluent limits









A field of corn (1) is cultivated. Atrazine is tilled into the soil, rather than simply applied on top of the ground. Farmers may install filter strips (2) between the field and an adjacent creek (4). A grassed waterway (3) may also be used to direct runoff to the stream (4) while filtering out pollutants at the same time.

North Deer Island - Shoreline Restoration



Brays Bayou Urban Wetland Project

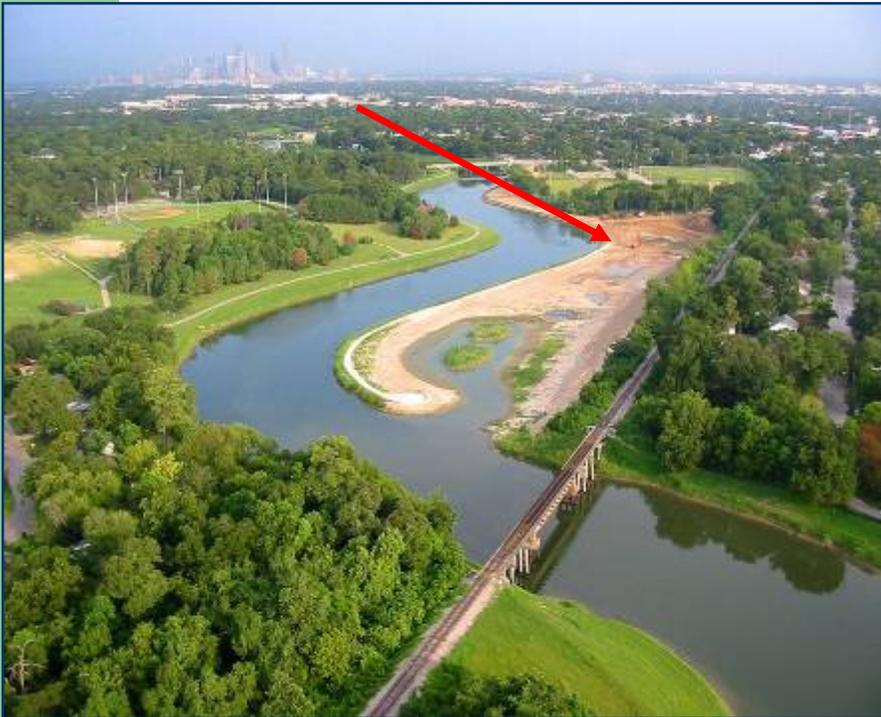
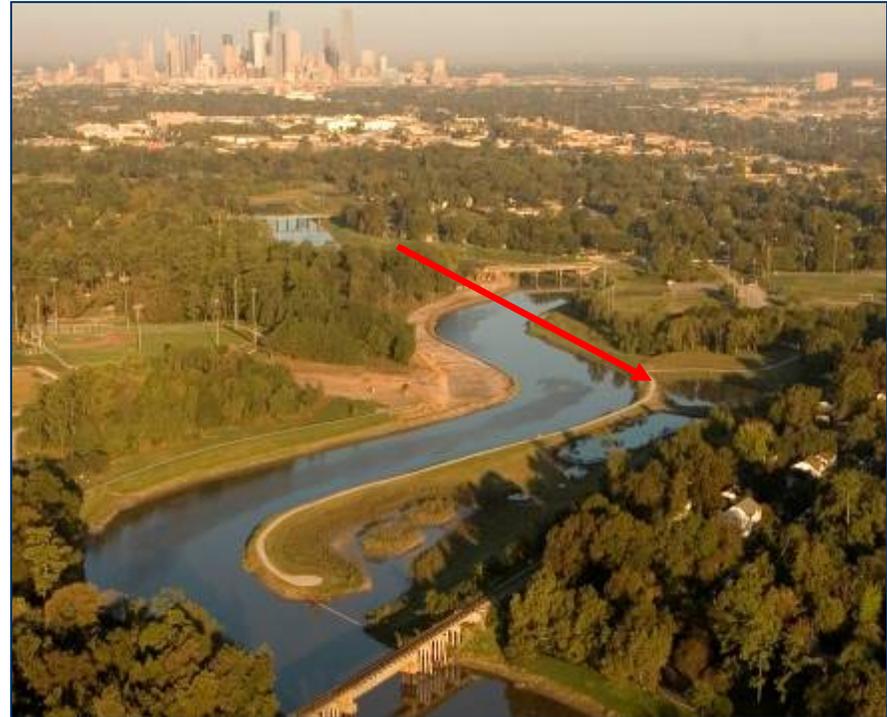


Photo Credit: Harris County Flood Control District

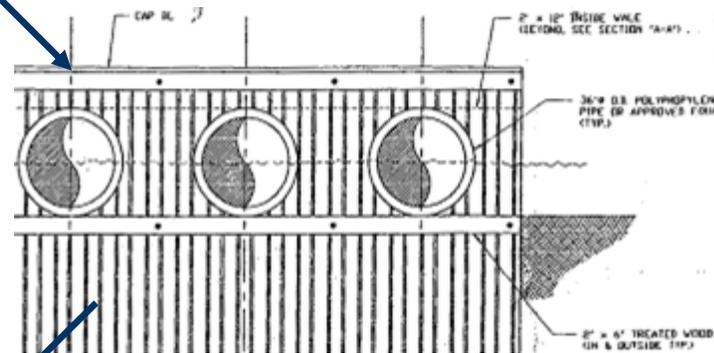


During Construction

After



Aransas National Wildlife Refuge – Matagorda Island Marsh Restoration



- Restored hydrology and improved water quality of the 15,000 acre marsh.

