

## 8 – TECHNICAL AND FINANCIAL NEEDS (ELEMENT D)

Technical and financial needs need to be identified to find potential sources of funding for implementation of the BMPs identified in this plan. Needs and costs are identified by BMP category.

### OSSFs

- Updating design criteria and placement for new systems to ensure adequate space and soil types
  - \$ 30,000
- Enforcement of existing or new OSSF regulations
  - \$ 50,000/ year
- Work with Authorized Agents to create a uniform reporting system and use of GPS in placement
  - Training of Authorized Agents through grant funds
- OSSF workshops and assistance
  - \$2,500 per event
- Voluntary repair and replacement of older systems
  - Repair of older systems \$5,000
  - Replacement of systems \$10,000
  - Connection to existing sewer systems \$2,000 per house

### WILDLIFE

- Feral Hog Programs
  - Texas AgriLife Extension Service and Texas Wildlife Service workshops for property owners \$8,000
  - Pork Choppers permitted to hunt hogs in the region

### LIVESTOCK

- Water Quality Management Plans
  - \$10,000 - \$15,000/ plan
  - Done through the TSSWCB and are free to landowners, however practices identified in the plan are not paid for, but funding may be available
    - Waste Management by creating temporary storage facilities for animal waste and contaminated water
    - Fencing to create a barrier to livestock and wildlife from entering streams and to assist in other conservation efforts
    - Alternate Water Sources to provide water for livestock
    - Prescribed Grazing to manage vegetation with the use of grazing animals to reduce soil erosion

### AGRICULTURE

- Ag Waste Collection Days (Counties)
  - \$75,000
- Water Quality Management Plans
  - \$10,000 - \$15,000/ plan
  - Done through the TSSWCB and are free to landowners, however practices identified in the plan are not paid for, but funding may be available
    - Nutrient Management to manage the amount, timing and placement of nutrients
    - Crop Residue Management to leave a protective layer of previous crop behind to help reduce erosion
    - Conservation Crop Rotation to grow various crops in rotation to reduce erosion and improve soil
    - Terracing to create ridges and channels to reduce slope length and reduce erosion and sediment runoff
    - Contour Buffer Strips to convey runoff without erosion and protect water quality
    - Filter Strips to reduce sediment, organics and pollution from entering the waterway with a grassy strip
    - Waste Utilization to apply agricultural waste in an environmentally friendly manner
- Soil Testing to determine the actual amount of nutrients needed
  - Free

#### WASTEWATER TREATMENT PLANTS/OUTFALLS

- Enforcement and testing of effluent for *E. coli*
  - \$25/month/facility

#### URBAN RUNOFF

- Trash pickup events along waterways
  - Sponsored by Friends of the River San Bernard
- Good Housekeeping/Yardcare in residential areas and neighborhoods
  - Educational materials \$15,000

#### PETS

- Pet waste
  - Spay and Neuter Program \$35,000

#### LAND MANAGEMENT

- Conservation Easements to acquire land along waterways
  - Varies based on size and location

- City/County enforcement of illegal dumping and disposal
  - County enforcement officers
- Brush management to help in the removal of invasive species to help protect soils, control erosion, reduce sedimentation, and improve water quality
  - Water Quality Management Plans
- Illegal Dump Site Cleanup
  - \$40,000
- Identification and removal of abandoned boats
  - Removal and disposal \$25,000

## NEW ORDINANCES AND PLANS

- Storm Water Pollution Prevention Plan
  - See San Bernard WPP Website
- Non Point Source Pollution Control Ordinance
  - See San Bernard WPP Website

## SOURCES OF FUNDING

In order to implement Best Management Practices identified in this document, sources of funding are also identified. Many of the BMPs identified in this plan are currently available in the watershed and funding sources are also available.

- Section 319(h) Grants – Federal Clean Water Act
- Section 106 Water Pollution Control Grants
- SEP – Supplemental Environmental Projects
  - Conservation Easements
  - OSSF repair and replacement
- Water Quality Management Plans – TSSWCB
  - Agricultural and Grazing plans