Educational and Non-Structural BMP’s

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Stakeholder Meeting
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Septic Education and Maintenance

- Texas AgriLife Extension Service
  - Homeowner Education
  - Public education – presentations
  - Graywater systems
  - Onsite Wastewater Treatment Systems fact sheets
  - http://ossf.tamu.edu
  - Courses:
    - Homeowner Maintenance of Aerobic Treatment Units
    - OWTS 201: Overview of Advanced Wastewater Treatment Systems
    - Courses available for other issues as well
- Existing Programs
  - $15,000/yr

Septic Management
(records, inspectors)

- Hood County Health Department
  - Possible Additional Staffing Needs
  - Inspectors
    - Full time? Part time? Seasonal?
  - Data Entry person for record maintenance
- Areas
  - Lake-wide with special emphasis in:
    - Rolling Hills Shores
    - Oak Trail Shores
  - How long would this be in place?
  - Who would pay for this and how?
  - What about real estate inspections?

Septic Education and Maintenance

- Interactive Tools:
  - http://www.gbra.org/septic.swf
- Areas
  - All subdivisions in Hood County currently using OSSFs
- Who will pay?
- How often will courses be provided?
Water management in Rural and Urban settings
- Runoff Management = Load Reductions
  - Management of rainfall runoff & irrigation systems
  - Decreased runoff volume equals decreased contaminant load
  - Connection between runoff and contaminants
- Rainwater Harvesting Educational Program
  - Rainwater harvesting as a best management practice (BMP)
    - Storage and irrigation, rain gardens, soil storage and infiltration
  - Master Gardener Specialist training
  - Educational events & demonstration systems

Urban Education on Fertilizer Application and Products
- Living in the Country Educational Program
  - Hood County Extension Agent
    - One-day program covering select topics
- Small Acreage Landowner
  - Texas AgriLife Extension Service
    - Web based program
    - Fee based for individual courses

Urban Education on Fertilizer Application and Products
- Master Gardener Volunteer Development
  - 50 plus hours of volunteer training on horticulture topics
  - Community education program – monthly classes
  - Demonstration garden
  - Weekly news articles
- Areas
  - Nassau Bay II, Waters Edge, Indian Harbor, Port Rádglea East
  - Lake-wide
- Would this need to be repeated in the future?

Pet Waste Education
- No specific program at this time
  - 1 fact sheet developed
  - 1 program delivered at Pecan Plantation
  - Refer to Plum Creek WPP for program ideas
- Texas AgriLife Extension Service Program Development
  - $15,000 for materials and to conduct programs
- Areas
  - Entire Lake Granbury Watershed
- Distribute cost to all Hood County residents?
- Is this an annual cost or initial? How much to continue after 1st year? How many years or how often?
Area Conservation Plan and Education for Ranchette/Small Acreage Land Owners

- Technical Assistance
  - Local Hood County Extension Agent
  - Local SWCD office (Brazos Valley #557)
  - Could hire technician to develop Water Quality Management Plans for landowners
  - Cost of 1 person salary (i.e. 3 years including fringe benefits)
  - $15,000/yr cost share
- Local NRCS
  - Assist writing Conservation Plans and/or Resource Management Systems (RMS) specific for individual landowner
  - Assist in finding cost share programs (practice specific)

- Areas
  - Lake-wide
  - Long Creek
  - Sky Harbor
  - Port Ridgelea East (upper watershed)
  - Walnut Creek

Livestock/Range Management Education

- Hood County Extension Agent
- Existing Educational Programs through Texas AgriLife Extension Service
  - $5,000/yr for program materials and expenses
- Soil and Water Conservation Districts
- NRCS
- Areas
  - Rolling Hills Shores watershed
  - Long Creek
  - Walnut Creek
  - Sky Harbor
  - Lake-Wide
- How long would this be in place? Repeated?
- Who would pay for this and how?

Feral Hog Education/County-wide Bounty Program

- Managing Feral Hogs
  - Texas AgriLife Extension State-wide Pilot Program
  - [http://feralhog.tamu.edu](http://feralhog.tamu.edu)
- Feral Hog Removal
  - Plum Creek WPP Feral Hog Eradication Program
  - [http://wpw.tamu.edu/feralhogs/Default.aspx](http://wpw.tamu.edu/feralhogs/Default.aspx)
- Feral hogs are not are not classified as a game species in Texas.
  - considered free-ranging livestock.
  - The animals, and consequently their damage, are the responsibility of the landowner where the hogs are found.
- Area
  - Entire Lake Granbury Watershed
- How long would this be in place?
- Who would pay for this and how?

Waterfowl Breeding Control Program / Program to deter bird roosting under bridges

- No known current programs
- Contact Extension Wildlife and Fisheries
- Areas
  - Lake-wide
Waterfowl and Wildlife Feeding Ordinances and Education

- May require new extension assistant position
  - Salary Costs
- Areas
  - All subdivisions
  - Lake-wide
- How long would this be in place?
- Who would pay for this and how?

Questions or Comments?

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