

PROPOSAL FOR PROFESSIONAL SERVICES

FOR

THE CITY OF COLUMBUS
DEPARTMENT OF PUBLIC UTILITIES
COMMUNITY WATERSHED STEWARDSHIP PROGRAM

SUBMITTED BY



VII PROGRAM & PROJECT BUDGET

Adopt-A-Creek and Stream Stewards & Stream Sentinels \$6,537.00

IMPLEMENTATION: October 1st, 2006 to September 30th, 2007

FOBWC has in place an Adopt-a-Creek program in which watershed creeks are matched up with area schools. This project proposes to expand the program throughout the entire Big Walnut Watershed. This program serves as the foundation for emerging watershed stewards and sentinels. This program incorporates a comprehensive expansion of the existing **Stream Stewards & Stream Sentinels Program**. Additional water quality monitoring equipment and distribution of DPU educational materials to all schools and youth clubs in the watershed. This program will also promote the identification of stormdrains with stormdrain markers and includes ongoing stream monitoring through the project duration.

Coordinate 6 storm drain marker competitions

(No Dumping – Drains to River) (markers provided by DPU)

6 grabbers for clean-ups \$ 180

Monitoring Equipment (20 testing kits and refills) \$ 950

150 T-shirts/Sweatshirts identifying Stream Steward (youth) \$ 950
and Stream Sentinels (adults)

Administrative cost (watershed coordinator 4hrs/wk x \$21.00) \$4,368

Mileage (200x .445) \$ 89

6 Rain Garden Seminar @ \$500 ea (3 in City of Columbus – 3 Columbus service areas) \$3,000.00

IMPLEMENTATION: March 15, 2007 to April 30, 2007

FOBWC proposes to deliver 6 half day detailed presentations on Rain Gardening for the public, included but not limited to: neighborhood groups, community organizations, and environmental groups. Topics include watershed dynamics, the effects of impervious surface on stormwater, storm water pollutants of concern, rain garden sizing and construction, plant material recommendations, and DPU brochures and educational materials on storm water related issues.

Car Wash Woes \$3,496.75

IMPLEMENTATION: June 1st, 2007 to August 15th, 2007

Although FOBWC generally does not endorse car wash activities, this project would combine this activity with handing out DPU Water Conservation Resource Kits and water conservation materials. FOBWC proposes to demonstrate how much water is washed down the drain with every car washed and then suggests measures to reduce the quantity of water used (different nozzle, lowered pressure, collection buckets, etc). Instead of detergent propose the use of enzymes that break down oil and dirt naturally and do not pollute the creek. FOG brochures would be distributed

Hand out DPU's Water Conservation Resource Kits and water conservation materials

30 Nozzles and spray bottles \$ 90

2 gallons of enzyme cleaner with shipping (environmentally safe) \$ 210

20 Demos

Distribute FOG brochures

20 Competition Incentives – Press Release Recognition \$ 400

Preparation and administrative cost (watershed coordinator 2.5hrs/wk x \$21.00) \$ 2,730

Mileage (150 x \$.445) \$ 66.75

Rainbarrel Installation Project

\$22,058.50

IMPLEMENTATION: March 1st, 2007 to July 31st, 2007

Based on a poll of recommendations to reduce stormwater entering the storm sewers, improve backyard irrigation efficiency, reduce costs and assist in keeping streams clean, FOBWC will administer a program that accounts for rainwaer usage in lieu of faucet water. The incentive program will encourage private residences to host rain barrel installations in various communities accompanied by usage instructions and the value of backyard conservation. For each rain barrel FOBWC will provide a calculation providing the homeowner with the number of gallons of water removed from the stormwater sewers per year and how much money they save by watering their plants with water from their rainbarrel.

In conjunction with this pilot, FOBWC will run a series of planting workshops that will address gardening measures to retain moisture, and plants that are more drought resistant than others as those that can withstand great fluctuations between wet and dry conditions. As part of the Downspout Disconnect–Rainbarrel Installation Demonstration homeowners will be given information on water related issues – non-point source pollution, combined sewers, Columbus’ Wet Weather Management Plan, Project Clean Rivers and information on how to avoid sewer grease blockage.

40 (75-gallon rain barrels)	DPU	\$ 3,900
	<i>Homeowner match \$1,100</i>	
Administrative cost (watershed coordinator 15hrs/week x \$21.00)		\$16,380
Miscellaneous costs (door knob hangers, copying)		\$ 145
50 Water Conservation Plaques for home owners		\$ 1,000
Garage gutter disconnect re-grading, re-planting demonstration – DPU		\$ 500
	<i>Homeowner match \$100</i>	
Mileage (300 x \$.445)		\$ 133.50
TOTAL PROJECT COST		\$35,092.25