

CITY OF SAN MARCOS/TEXAS
STATE UNIVERSITY

2017 WORK PLAN
BUDGETED CONSERVATION MEASURES

Conservation Measure Overview

Conservation Measure	7.1	Estimated 2017 Budget	Difference
Texas wild-rice Enhancement	\$125,000	\$100,000	(\$25,000)
Sediment Removal	\$25,000	\$25,000	\$0
Control of Non-Native Plant Species	\$75,000	\$170,000	\$95,000
Management of Floating Vegetation Mats and Litter	\$80,000	\$51,298.10	(\$28,701.90)
Non-Native Species Control	\$35,000	\$27,959.20	\$7,040.80
Designation of Permanent Access Points/Bank Stabilization	\$20,000	\$0	(\$20,000)
Native Riparian Restoration	\$20,000	\$55,742.70	\$35,742.70
Management of Recreation in Key Areas	\$56,000	\$56,000	\$0
Impervious Cover/Water Quality Protection	\$200,000	\$150,000	(\$50,000)
Management of HHW	\$30,000	\$30,000	\$0
Total	\$666,000	\$666,000	\$0

5.3.1/5.4.1 Texas Wild-Rice Enhancement and Restoration

❖ 2017 TARGET

- ❖ Pending completion of Submerged Aquatic Vegetation Analysis report
- ❖ Garden previous plantings & replant as needed

❖ 2017 BUDGET

- ❖ Table 7.1: \$125,000
- ❖ Estimated 2017 budget: \$100,000*

*\$25,000 proposed for transfer to Non-native Plant Removal for 2017

5.3.8/5.4.3/5.4.12 Control of Non-Native Plant Species

❖ 2017 TARGET

❖ AQUATIC

- ❖ Pending completion of Submerged Aquatic Vegetation Analysis report
- ❖ Garden previous plantings & replant as needed

❖ LITTORAL

- ❖ Address regrowth for invasives
- ❖ Address new areas that provide a seed bank for the buffer zone

❖ 2017 BUDGET

Table 7.1: \$75,000

Estimated 2017 budget: \$170,000*

* \$95,000 transferred from TWR Enhancement (\$25K) and Bank Stabilization (\$20K) and WQ/LID (\$50K) to cover the scope of this measure that funds three contractors' annual budget

5.3.7 Designation of Permanent Access Points/Bank Stabilization

❖ 2017 TARGET

- Quarterly monitoring to ensure ongoing structural stability

❖ 2017 BUDGET

- ❖ Table 7.1: \$20,000

- ❖ Estimated 2017 Budget: \$0

- ❖ *\$20,000 is proposed to transfer to Non-native Plant Removal

5.7.1 Native Riparian Habitat Restoration

❖ 2017 TARGET

- ❖ Continue invasive removal in Ramon Lucio Park
- ❖ Remove regrowth in other treated areas
- ❖ Continue to expand the volunteer program for ownership of this measure

❖ 2017 BUDGET

- ❖ Table 7.1: \$20,000
- ❖ Estimated 2017 budget: \$55,742.70*

*\$35,742.70 proposed for transfer from Litter Removal and Non-native Species Control to fund this measure. Budget plan includes funding the project over four years (2015 -2018) to cover expenses through the transfer of funds from other measures and the yearly allocation. This budget plan was approved during the 2015 Work Plan session.

5.3.3/5.4.3 Management of Floating Vegetation Mats and Litter

❖ 2017 TARGET

- ❖ Minimize impacts of floating vegetation and litter on TWR stands and overall aquatic community within the San Marcos River

❖ 2017 BUDGET

- ❖ Table 7.1: \$80,000
- ❖ 2017 estimated budget: \$51,298.10

*Total includes contract amount (\$48,798.10) and public outreach funds (\$2,500).
\$28,701.90 proposed for transfer to Native Riparian Habitat Restoration

5.3.5/5.3.9/5.4.11/5.4.13 Non-Native Species Control

❖ 2017 TARGET:

- ❖ Reduction of non-native, invasive species in the San Marcos River to levels that minimize their direct and indirect impacts on Covered Species and the aquatic ecosystem.

❖ 2017 BUDGET:

- ❖ Table 7.1 \$35,000
- ❖ Estimated 2017 Budget: \$27,959.20

*Total includes contract amount (\$25,459.20) and public outreach funds (\$2,500). \$7,040.80 proposed for transfer to Native Riparian Habitat Restoration

5.7.6 Impervious Cover/Water Quality Protection

❖ 2017 TARGET

- ❖ Implement a program that minimizes the impacts associated with urbanization and changes in land use/cover in the Upper San Marcos watershed; manage stormwater as close to its source as possible, treat stormwater as a resource rather than a waste product; emphasize conservation and the use of on-site features to protect water quality; and increase infiltration to groundwater and aquifer recharge for the protection of riverine integrity.

❖ 2017 BUDGET

- ❖ Table 7.1: \$200,000
- ❖ Estimated 2017 Budget: \$150,000

*\$50,000 proposed for transfer to Non-native Plant Removal