

City of Pasadena
Capture Gate on Preston

Project Description:

The Capture Gate on Preston Avenue ("the Gate") will be designed to trap floatable debris, trash and oil that will be removed from the stream before flowing into Armand Bayou and Galveston Bay. The City of Pasadena shall use SEP Funds to pay a contractor to design, fabricate, install and maintain the Gate which will be located in the Preston Avenue median ditch between Fairmont Parkway and Crenshaw Road in Pasadena, Texas. The Gate will be designed to remove debris, but not cause flooding.

The City of Pasadena shall ensure the Gate is built of non-corrosive, non-hazardous materials with small holes that will allow water to pass through the Gate, but prevent floatable trash and debris from floating downstream. The Gate must be approximately 18" high overall, with a replaceable oil boom mounted rigidly to the bottom of the Gate to absorb oil skim. The City of Pasadena shall ensure the boom is replaced as it fills with oil and sediment. The Gate must have a tripping mechanism, which, during heavy rains, will allow the upper part of the Gate to rise up out of the water and swing to the side against the bank. The City of Pasadena shall ensure the Gate is reset in the water within two days after flood waters recede.

The City of Pasadena shall ensure that two weather-resistant signs explaining the Gate's purpose and acknowledging funding as required by Section 18 of this Agreement are installed on each side of the ditch so that passing traffic may read them.

The City of Pasadena shall ensure the pickup, inventory, and disposal of the oil, trash and debris from the Gate on a weekly basis for one year after installation of the Gate. If the Gate is not installed immediately after the first contribution, The City of Pasadena shall request an extension pursuant to Subsection 5.5 of this Agreement to allow for this one-year maintenance period after installation of the Gate. The City of Pasadena shall report the amount and type of all items collected on an inventory sheet and report the results to TCEQ with their quarterly SEP Reports.

The City of Pasadena shall not charge any of its own labor costs to this SEP.

Environmental Benefit:

This project will benefit water quality by preventing and reducing the amount of pollution reaching Armand Bayou and Galveston Bay.

Eligible Areas and Counties:

This project may receive a contribution from the following:

San Jacinto River Basin; and Gulf Coast Aquifer including Fort Bend, Grimes, Harris, Liberty, San Jacinto, Walker and Waller Counties.

Minimum Contribution:

\$500