



## AGENDA MEMORANDUM

Action Item for the City Council Meeting of November 9, 2021

**DATE:** November 9, 2021

**TO:** Peter Zanoni, City Manager

**FROM:** Kevin Norton, Director of Water Utilities  
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### **Service Agreement for Aeration Basin Cleaning for Broadway WWTP**

#### **CAPTION:**

Motion authorizing a one-year service agreement with Anderson Pollution Control Inc., dba Horizon Environmental of Victoria, Texas, for a total amount not to exceed \$95,026.00, for aeration basin cleaning at Broadway Wastewater Treatment Plant, effective upon issuance of notice to proceed, with FY2022 funding in the amount of \$95,026.00 available through the Wastewater Fund.

#### **SUMMARY**

This motion authorizes a one-year service agreement to clean two aeration basins at the Broadway Wastewater Treatment Plant. This service is necessary to maintain optimal operating performance.

#### **BACKGROUND AND FINDINGS:**

The Broadway Wastewater Treatment Plant (WWTP) uses a biological process that cultivates and maintains microorganisms in the aeration basins to decompose wastes into settleable solids and sludge. Aeration basins are one of the most critical units at wastewater treatment plants by providing the volume space for this biological process.

To maintain treatment functionality and efficiency, this service contract provides for draining, cleaning out, and hauling sludges from the No.1 and No.3 aeration basins at Broadway WWTP. Two aeration basins are required for normal treatment operations, so the cleaning plan will only take one basin out of service at a time to maintain the plant's operational capability. The sludges will be transported to Cefe Valenzuela Landfill for disposal.

Wastewater in-house crews will inspect and replace any deteriorated or damaged mechanical parts at the bottom of the aeration basins.

Aeration basin cleaning is a large-scale and time-intensive project that requires specialized equipment and additional labor which exceeds the current capacity of wastewater in-house crews. While the wastewater treatment division is creating its own cleaning crews in FY 2022 by hiring additional staff and procuring equipment, this service contract is currently needed to provide necessary preventative maintenance for Broadway WWTP.

**PROCUREMENT DETAIL:**

Contracts and Procurement conducted a competitive Request for Bid process to obtain bids for a new one-year term contract. The City received three bids and is recommending award to the lowest responsive, responsible bidder, Horizon Environmental.

**ALTERNATIVES:**

The alternatives to accepting this bid would be to not clean the basins, which would negatively impact the capacity and efficiency of the plant, or to perform this service in-house. However, the Utilities Department does not currently have the appropriate staffing level or equipment for this large-scale project.

**FISCAL IMPACT:**

The fiscal impact for the Wastewater Fund in FY 2022 is \$95,026.00.

**FUNDING DETAIL:**

Fund:	4200 Wastewater
Organization/Activity:	33100 Broadway Wastewater Treatment Plant
Mission Element:	066 Disposal of biosolids
Project # (CIP Only):	N/A
Account:	530215 Maint. & repairs-Contracted

**RECOMMENDATION:**

Staff recommends approval of this service agreement with Horizon Environmental for aeration basin cleaning at the Broadway WWTP as presented.

**LIST OF SUPPORTING DOCUMENTS:**

Bid Tabulation  
Service Agreement