

Capital Improvement Plan

2023 *thru* 2025

City of Corpus Christi, Texas

Project # 20288
Project Name Solid Waste Compost Facility



Type Improvement/Additions
Useful Life 40 years
Category Site Improvements
Department Solid Waste
Contact Director of Solid Waste
Priority 1 Critical-Health & Safety

Status Active

Description

This project is the first phase of the new Solid Waste Complex. The compost facility will be capable of processing 120,000 tons per year of mixed organics including over 40,000 tons of biosolids annually. The compost facility will be a registration level facility able to process a variety of organic materials, including but not limited to biosolids from municipal waste water plants, source separated organic materials, clean wood material, yard clippings and other vegetative material.

Justification

The City of Corpus Christi does not have a compost facility. Currently, compostable organics are sent to the landfill where they consume valuable space. The cost of composting is significantly less than the development, operation and maintenance of permitted landfill facilities. By composting over 40,000 tons of biosolids, 80,000 cubic yards of brush, and other organics; the city can realize \$500,000 to \$1,000,000 of annual operational savings, delay costly landfill cell development, and provide a needed and valuable soil amendment to our customers.

Expenditures	Prior Years	2023	2024	2025	Total
Construction/Rehab		4,100,000			4,100,000
Design	169,560	293,421			462,981
Eng, Admin Reimbursements	23,525	428,079			451,604
Total	193,085	4,821,500			5,014,585

Funding Sources	Prior Years	2023	2024	2025	Total
Certificates of Obligation (Prior)	193,085	4,821,500			5,014,585
Total	193,085	4,821,500			5,014,585

Budget Impact/Other

There is no projected operational impact with this project at this time. Upon completion of this project additional maintenance costs will be budget to maintain these improvements.