



AGENDA MEMORANDUM

Action Item for the City Council Meeting May 12, 2026

DATE: May 12, 2026
TO: Peter Zanoni, City Manager
FROM: Nicholas J. Winkelmann, P.E., Interim Chief Operating Officer
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Micro-Solve for Wastewater Treatment Plants

CAPTION:

Motion authorizing execution of a four-year co-operative purchase agreement with EGSW LLC of San Antonio, in an amount of \$933,240.00, for the purchase of Micro-Solve, a preventative grease and odor solution utilized at wastewater treatment plants and lift stations, with FY 2026 funding in the amount of \$116,655.00 from the Wastewater Fund.

SUMMARY:

This agreement will provide micro-solve materials for CCW Wastewater Treatment Plants and Lift Stations. The micro-solve is used to resolve specific issues within the wastewater system.

BACKGROUND AND FINDINGS:

Micro-Solve is a proprietary biodegradable solution used to accelerate bacterial growth and solve many issues associated with the handling and treatment of animal fat, grease, oil accumulation, and buildup in the City's wastewater treatment plants and lift stations.

Micro Solve conditions grease by supplying oxygen and essential nutrients that support healthy microbial activity. This boosts bioremediation, allowing naturally occurring microorganisms to more effectively break down fats, oils, greases, and organic sludge. As the wastewater becomes better acclimated, systems see reduced grease accumulation, lower sludge volumes, and a noticeable decrease in nuisance odors.

CCW has utilized Micro Solve since November 2017 to support the breakdown of fats, oils, and

greases throughout the wastewater system. Its use has helped minimize blockages, significantly reduce odors at wastewater treatment plants and lift stations, and improve conditions across the entire collection system. Micro Solve has also played an important role in helping CCW meet the regulatory requirements of the Consent Decree. Although other products have been evaluated, none have matched Micro Solve's effectiveness for CCW's operational needs.

PROCUREMENT DETAIL:

Contracts awarded through the TIPS-USA Cooperative have been competitively procured in compliance with Texas Local and State procurement requirements. Prices were checked with EGSW and verified through the TIPS-USA Cooperative.

Previous pricing was bid out via RFB in 2023. EGSW, LLC was the only bidder, as this solution is proprietary. EGSW, LLC on is a cooperative, and we were able to obtain competitive pricing. Unit pricing and shipping are included for comparison.

Description	2023 Pricing	2026 Pricing	Variance	Percentage
55 Gallon Drum w/shipping	\$3,125.00	\$3,125.00	\$0.00	0%
Complete Pumping Kit w/shipping	\$780.00	\$870.00	\$90.00	+10%
Bubbler System w/shipping	\$3,500.00	\$3,800.00	\$300.00	+8%

ALTERNATIVES:

An alternative is to not enter into a service agreement, which would require separate procurements on an as-needed basis.

FISCAL IMPACT:

The fiscal impact for Corpus Christi Water for FY 2026 is \$116,655.00 from the 4200 Wastewater Fund.

FUNDING DETAIL:

Fund: 4200 Wastewater
 Organization/Activity: 33100 Broadway Wastewater Plant
 Department: 46 Wastewater
 Project # (CIP Only): N/A
 Account: 520010 Purification chemicals
 Amount: \$23,331.00

Fund: 4200 Wastewater
 Organization/Activity: 33110 Oso Wastewater Plant
 Department: 46 Wastewater
 Project # (CIP Only): N/A
 Account: 520010 Purification chemicals
 Amount: \$23,331.00

Fund: 4200 Wastewater
 Organization/Activity: 33120 Greenwood Wastewater Plant

Department: 46 Wastewater
Project # (CIP Only): N/A
Account: 520010 Purification chemicals
Amount: \$23,331.00

Fund: 4200 Wastewater
Organization/Activity: 33130 Allison Wastewater Plant
Department: 46 Wastewater
Project # (CIP Only): N/A
Account: 520010 Purification chemicals
Amount: \$23,331.00

Fund: 4200 Wastewater
Organization/Activity: 33210 Lift Station Operation & Maint
Department: 46 Wastewater
Project # (CIP Only): N/A
Account: 530215 Maint & repairs – contracted
Amount: \$23,331.00

RECOMMENDATION:

LIST OF SUPPORTING DOCUMENTS:

Coop Purchase Agreement