



## AGENDA MEMORANDUM

Action Item for the City Council Meeting September 23, 2025

**DATE:** September 23, 2025

**TO:** Peter Zanoni, City Manager

**FROM:** Wesley Nebgen, Director of Water System Infrastructure  
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### Purchase of Sodium Bisulfite for Wastewater Treatment Plants

#### **CAPTION:**

Motion authorizing execution of a one-year supply agreement, with two one-year options, with Southern Ionics Incorporated, of West Point, Mississippi, in an amount not to exceed \$1,608,500.00, with a potential up to \$4,825,500.00 if options are exercised, to purchase sodium bisulfite for Corpus Christi Water, with FY 2025 funding of \$266,500.00 from the Wastewater Fund.

#### **SUMMARY:**

This motion authorizes a one-year supply agreement for sodium bisulfite for four of Corpus Christi Water's Wastewater Treatment Plants (WWTPs): Oso WWTP, Allison WWTP, Laguna Madre WWTP, and Broadway WWTP. Oso WWTP will be the primary user. Sodium Bisulfite is necessary for the de-chlorination of wastewater effluent as required by Texas Commission on Environmental Quality (TCEQ) environmental permits.

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

Sodium Bisulfite is used to remove residual chlorine from treated wastewater before it reaches the receiving stream, in accordance with each plant's Texas Pollutant Discharge Elimination System (TPDES) permit as issued by the Texas Commission on Environmental Quality (TCEQ). Sodium bisulfite is added to wastewater effluent after the chlorine disinfection process to neutralize any remaining chlorine. The use of chlorine is one of the most common methods of disinfection which ensures the proper deactivation of harmful pathogens in wastewater effluent. Currently, Oso, Allison, and Laguna Madre Wastewater Treatment Plants (WWTPs) all use

chlorine as the primary method of wastewater disinfection. Additionally, Broadway WWTP uses a small amount of chlorine to prevent algae growth in the sand filters.

Southern Ionics Incorporated's main office is located in West Point, Mississippi with a plant facility located in Pasadena, Texas.

### **PROCUREMENT DETAIL:**

Finance & Procurement conducted a Request for Bid (RFB) process to obtain bids. The City received three bids: two responsive, responsible bids and one non-responsive bid. Staff recommends the award to Southern Ionics Incorporated, the lowest, responsive, and responsible bidder.

Southern Ionics Incorporated is the incumbent vendor. The price has decreased by .05 cents per gallon from the previous year.

Description	2023-2025	2025	Variance	Percentage Decrease
Sodium Bisulfite per Gallon	\$2.10	\$2.05	\$0.05	-2.38%
Unloading Delay per Hour	\$95.00	\$95.00	\$0.00	No change

### **ALTERNATIVES:**

This chemical is necessary for public health and safety, and to meet TCEQ permit requirements.

### **FISCAL IMPACT:**

The fiscal impact for Corpus Christi Water for FY 2025 is \$266,500.00 from the Wastewater Fund. The remaining amount will be budgeted in future years through the annual budget process.

### **FUNDING DETAIL:**

Fund:	4200	Wastewater
Organization/Activity:	33100	Broadway Wastewater Treatment Plant
Department:	46	Wastewater
Account:	520010	Purification Chemicals
Amount:	\$3,417.00	

Fund:	4200	Wastewater
Organization/Activity:	33110	Oso Wastewater Reclamation Plant
Department:	46	Wastewater
Account:	520010	Purification Chemicals
Amount:	\$187,917.00	

Fund:	4200	Wastewater
Organization/Activity:	33130	Allison Wastewater Treatment Plant
Department:	46	Wastewater
Account:	520010	Purification Chemicals
Amount:	\$37,583.00	

Fund:	4200	Wastewater
Organization/Activity:	33140	Laguna Madre Wastewater Treatment Plant
Department:	46	Wastewater
Account:	520010	Purification Chemicals
Amount:	\$37,583.00	

**RECOMMENDATION:**

Staff recommends approval of this motion as presented.

**LIST OF SUPPORTING DOCUMENTS:**

Supply Agreement  
Bid Tabulation