



**CITY OF FORT LAUDERDALE**  
**City Commission Agenda Memo**  
**CONFERENCE MEETING**

**#23-0427**

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**TO:** Honorable Mayor & Members of the  
Fort Lauderdale City Commission

**FROM:** Greg Chavarria, City Manager

**DATE:** May 2, 2023

**TITLE:** Emergency Purchase – Repair of the Fiveash Water Treatment Plant  
Blocked Sludge Line - **(Commission Districts 1, 2, 3, and 4)**

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The purpose of this memorandum is to advise the City Commission of the total cost of the emergency repair work completed by two (2) contractors, associated with the repairs of the blocked sludge line at the Fiveash Water Treatment Plant.

Pursuant to Section 2-190(b)(2), Code of Ordinances of the City of Fort Lauderdale, Florida, emergency purchases are permitted in the event of equipment failure, catastrophic damage to City property, or other similar unexpected event.

An Emergency Declaration was issued on December 20, 2022, for the repair of a partial blockage in the 12-inch diameter, four (4) mile long, discharge sludge line that conveys sludge from the Fiveash Water Treatment Plant (WTP) to the Prospect Wellfield. The pipe was clogged with lime slurry material and needed to be flushed.

Due to critical impacts to the WTP operation and its ability to produce finished water, the limited equipment capability of the City, and pumping logistics, the City engaged two (2) emergency contractors to perform the required repairs, transport the sludge lime slurry to the Prospect Wellfield via tanker trucks, and to restore the pipeline conveyance function.

Emergency contractors included:

- Southern Underground Industries - Utility emergency repairs: \$484,890.00
- A&A Drainage - Emergency pumping and transport services: \$238,187.50

**Resource Impact**

There will be a fiscal impact to the City in the amount of \$723,077.50 for the emergency repair costs. Funds are available in the encumbered purchase order number 3187 in the FY 2023 Operating Budget in the accounts listed below. The available balance in the chart below reflects the amount remaining in the accounts after the obligation of the encumbrance established for this purchase was deducted.

<b>Funds available as of April 10, 2023</b>					
<b>ACCOUNT NUMBER</b>	<b>COST CENTER NAME (Program)</b>	<b>CHARACTER/ACCOUNT NAME</b>	<b>AMENDED BUDGET (Character)</b>	<b>AVAILABLE BALANCE (Character)</b>	<b>AMOUNT</b>
10-450-7101-536-30-3437	Utilities Engineering Operations	Services / Materials/ Improvements, Repairs & Maintenance	\$5,216,597	\$2,763,182	\$484,890.00
10-450-7403-536-30-3299	Fiveash Maintenance	Services / Materials/ Other Services	\$943,342	\$31,975	\$238,187.50
				<b>TOTAL AMOUNT ►</b>	<b>\$723,077.50</b>

**Strategic Connections**

This item is a *2022 Top Commission Priority*, advancing the Infrastructure and Resiliency initiative.

This item supports the *Press Play Fort Lauderdale 2024* Strategic Plan, specifically advancing:

- The Infrastructure Focus Area
- Goal 1: Build a sustainable and resilient community
- Objective: Proactively maintain our water, wastewater, stormwater, road, and bridge infrastructure

This item advances the *Fast Forward Fort Lauderdale 2035* Vision Plan: We Are Ready

This item supports the *Advance Fort Lauderdale 2040* Comprehensive Plan specifically advancing:

- The Infrastructure Focus Area
- The Sanitary Sewer, Water & Stormwater Element
- Goal 3: Develop and maintain an adequate water supply, treatment and distribution system, which meets the existing and projected needs of the service area in an efficient, economical, and environmentally sensitive manner.

**Attachments**

Exhibit 1 – Emergency Declaration Memorandum No. 22-154

Exhibit 2 – Invoices – Southern Underground Industries, Inc.

Exhibit 3 – Invoices – A&A Drainage & Vac Services Inc.

Prepared by: Talal Abi-Karam, Assistant Public Works Director - Utilities

Department Director: Alan Dodd, Public Works

05/02/2023  
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