




## MEMORANDUM

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Date: December 14, 2023

To: Honorable Mayor and Commissioners

Via: Albert P. Childress  
City Manager 

From: Carolyn Sheldon  
Senior Grants Administrator

Subject: **Approving the attached "Amendment No. 1 to Agreement No. LPA0246"**

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### **Introduction**

The City Manager's Office requests approval of the attached "Amendment No. 1 to Agreement No. LPA0246" between the Florida Department of Environmental Protection (FDEP) and the City of Key West to change the Date of Expiration to April 30, 2025 and Task End Date to October 31, 2024 for the construction of Key West Treatment Plant Solids Dewatering Upgrades Project. Authorizing the City Manager to execute the necessary documents and authorizing any necessary budget amendments or adjustments.

### **Background**

Funding for this agreement is through the Florida Keys Stewardship Act which was passed in 2016 by the Florida State Legislature and signed into law. The Stewardship Act expanded the types of water projects eligible for state funding authorizing use of funds for Mayfield Grant funding, once limited to wastewater, to include other critical water quality projects such as stormwater and canal restoration. To date, the City has been allocated just over \$10.9 million in funding from the Mayfield Grant and Florida Keys Stewardship Act combined. The City has been reimbursed \$5.3M with the remaining \$5.6M budgeted for current wastewater and stormwater projects.

Agreement No. LPA0246 for \$1.6 million currently has an April 30, 2024 Date of Expiration and a Task End Date of 10/31/2023. This project is still in the design phase. The funds will assist with the construction phase which includes: 1) the purchase and installation of two new filter belt presses to replace the filter belt presses that are original to the 34-year-old Richard A. Heyman Environmental Protection Facility; 2) sludge pumps; 3) polymer feed injection and mixing systems; 4) electrical control panels for motor starters, belt drives, programmable logic controllers, speed and flow indicators; 5) an upgrade to the electrical distribution power supply; and 6) construction of a sludge cake conveyance belt system.

Dewatered activated sludge may be conveniently and economically transported in trailer truck, where liquid activated sludge must be tanker truck transported, increasing the cost for transportation and risk of spillage. The use of a belt filter press is an efficient, low cost to operate and maintain, means of dewatering activated sludge and returning liquid to the treatment process, thereby preventing liquid wastewater from impacting nearshore waters, streams, and lakes.

**Procurement**

This is a no-cost time extension.

**Recommendation**

The City Manager's Office recommends the City Commission approve the attached "Amendment No. 1 to Agreement No. LPA0246" between the Florida Department of Environmental Protection (FDEP) and the City of Key West to change the Date of Expiration to April 30, 2025 and Task End Date to October 31, 2024 for the construction of Key West Treatment Plant Solids Dewatering Upgrades Project.