

**PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS**

**AGENDA ITEM SUMMARY**

**Meeting Date:**      **October 22, 2024**

**Consent [X]      Regular [ ]  
Public Hearing [ ]**

**Department:**      **Water Utilities Department**

**I. EXECUTIVE BRIEF**

**Motion and Title:** **Staff recommends motion to; A) approve** the acceptance of Amendment No. 1 to Agreement No 4600004795 (Agreement) with the South Florida Water Management District (SFWMD) in the amount of \$3,000,000 for the Green Cay Wetlands 2 MGD Indirect Potable Reuse Project - Water Purification Treatment Plant, 2.3 miles reclaimed water main, and two (2) surficial aquifer wells project (Project). This agreement is effective as of August 22, 2023, and ends June 30, 2026; **B) authorize** the County Administrator, or designee which in this case shall be the Director of Palm Beach County Water Utilities Department (PCWUD), to execute standard grant agreements, amendments, and all other documents necessary of the grant award that do not substantially change the scope of work, terms or conditions of the agreement; and **C) approve** a \$3,000,000 Budget Amendment in the Water Utilities Department Capital Improvement Fund to establish budget for the grant revenue and related expenditures.

**Summary:** The SFWMD has allotted \$41.5 million to assist local governments, public and private water providers, and other entities with construction and/or implementation of alternative water supply (AWS) or water conservation (WC) through the Cooperative Funding Grant Program. The Project will include construction of a Water Purification Facility (WPF) that will treat reclaimed water and produce purified water. The water is then conveyed to lakes at the proposed Green Cay Park to for recreational use and to recharge the regional aquifer system. The Project also includes the construction of a state of the art public education center to promote public awareness of water resources and highlight water as a vital resource. On August 22, 2023, the Board of County Commissioners (BCC) approved the Agreement for the Project (R2023-1113). This amendment to the Agreement will include funding of construction of the WPF, two (2) automatic strainers, three (3) microfiltration membrane skids, two (2) reverse osmosis skids, two (2) ultra-violet disinfection reactors, switchgear and miscellaneous electrical components of the Project. Project is included in the PBCWUD FY24 budget. (PBCWUD Project No. 20-036) **The \$3,000,000 grant requires a \$3,000,000 (50%) match which will be funded from a one-time expenditure from Water Utilities user fees, connection fees and balance brought forward. District 5 (MWJ)**

**Background and Justification:** Governor Ron DeSantis and the Florida Legislature support water supply and water resource development projects through state funding assistance. The SFWMD selected applications for FY24 funding consideration for AWS and water conservation projects to support Florida's continuing efforts to implement cost-effective strategies to conserve its precious water resources while meeting the state's water needs.

**Attachments:**

1. Two (2) Originals Amendment No. 1 to Agreement No 4600004795
2. Location Map
3. Budget Amendment Form

Recommended By: Ali Bayat 10/08/2024  
**Department Director** **Date**

Approved By: Todd Bentzen 10/16/24  
**Assistant County Administrator** **Date**

**II. FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

Fiscal Years	2025	2026	2027	2028	2029
Capital Expenditures	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Operating Costs	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
External Revenues	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Program Income (County)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
In-Kind Match County	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>NET FISCAL IMPACT</b>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b># ADDITIONAL FTE POSITIONS (Cumulative)</b>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

**Budget Account No.:** Fund 4011 Dept. 721 Unit W050 Object 6545

Is Item Included in Current Budget? Yes      No   X  

Is this item using Federal Funds? Yes      No   X  

Is this item using State Funds? Yes   X   No     

Reporting Category N/A

**B. Recommended Sources of Funds/Summary of Fiscal Impact:**

Grant agreement with South Florida Water Management District.  
The FY 24 budget is being amended and there is a net fiscal impact of \$3,000,000.

**C. Department Fiscal Review:** Bony Foreman

**III. REVIEW COMMENTS**

**A. OFMB Fiscal and/or Contract Development and Control Comments:**

Mare Coyle 10/9/2024  
OFMB  
RF 10/8/24  
VS 10/8/24

Brenda Pmack 10/10/24  
Contract Development and Control

**B. Legal Sufficiency:**

[Signature] 10/15/24  
Assistant County Attorney

**C. Other Department Review:**

\_\_\_\_\_  
Department Director

This summary is not to be used as a basis for payment.



# SOUTH FLORIDA WATER MANAGEMENT DISTRICT AMENDMENT

4600004795-A01

## AMENDMENT NO. 01

TO AGREEMENT NO. 4600004795

BETWEEN THE

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

AND

PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS

This AMENDMENT NO. 01, is entered into on October 22, 2024 that Agreement dated October 1, 2022, between "the Parties," the South Florida Water Management District (District), and Palm Beach County Board of County Commissioners (Recipient).

### Background

1. The Governing Board of the District, at its May 12, 2022, meeting, approved entering into this Agreement with the Parties for Alternative Water Supply - Green Cay Wetlands 2 mgd Indirect Potable Reuse Project - Water Purification Treatment Plant, and at its May 11, 2023, meeting, approved entering into Amendment No. 01.
2. The term of the Agreement is forty-two (42) months.
3. The Parties wish to amend the Agreement to increase the funding, to extend the period of performance, revise the Statement of Work, revise the Payment and Deliverable Schedule, revise the Quarterly Status Report, revise the Final Project Summary Report, and revise the Funding Form of the Agreement.

### Terms and Conditions

4. The term of the Agreement is hereby extended by three (3) months and the expiration date, as amended, is June 30, 2026. This AMENDMENT NO. 01 shall be effective upon the date of execution by the Parties.
5. The monetary consideration for the Agreement is hereby increased by an amount not-to-exceed \$3,000,000, for a total revised not-to-exceed amount of \$8,000,000.



# SOUTH FLORIDA WATER MANAGEMENT DISTRICT AMENDMENT

6. The Statement of Work, attached as Exhibit "A" to the Agreement, is hereby amended by revising the "Project Name", "Scope of Work", and "Work Breakdown Structure", as set forth in Exhibit "A1", attached hereto and made a part of this **AMENDMENT NO. 01**.

7. The Payment and Deliverable Schedule is also hereby revised in accordance with Exhibit "B1", attached hereto and made a part of this **AMENDMENT NO. 01**.

8. The Quarterly Status Report is also hereby revised in accordance with Exhibit "C1", attached hereto and made a part of this **AMENDMENT NO. 01**.

9. The Final Project Summary Report is also hereby revised in accordance with Exhibit "D1", attached hereto and made a part of this **AMENDMENT NO. 01**.

10. The Funding Form is also hereby revised in accordance with Exhibit "E1", attached hereto and made a part of this **AMENDMENT NO. 01**.

11. All other terms and conditions of the Agreement remain unchanged.

IN WITNESS WHEREOF, the Parties or their duly authorized representatives hereby execute this **AMENDMENT NO. 01** on the date first written above.

### SOUTH FLORIDA WATER MANAGEMENT DISTRICT BY ITS GOVERNING BOARD

By: \_\_\_\_\_  
**Drew Bartlett, Executive Director**

By: \_\_\_\_\_  
**Candida Heater, Director**  
Administrative Services Division

SFWMD OFFICE OF COUNSEL  
APPROVED AS TO LEGAL FORM

BY: \_\_\_\_\_  
PRINT \_\_\_\_\_  
DATE: \_\_\_\_\_

SFWMD PROCUREMENT APPROVES

BY: *[Signature]*  
DATE: 09/20/2024

ACCEPTED BY PALM BEACH COUNTY

(COUNTY SEAL)

PALM BEACH COUNTY, FLORIDA, BY ITS  
BOARD OF COUNTY COMMISSIONERS

ATTEST:

JOSEPH ABRUZZO, CLERK OF THE  
CIRCUIT COURT AND COMPTROLLER,  
PALM BEACH COUNTY

By: \_\_\_\_\_  
DEPUTY CLERK

By: \_\_\_\_\_  
Maria Sachs, Mayor

APPROVED AS TO FORM AND LEGAL SUFFICIENCY

By:   
ASSISTANT COUNTY ATTORNEY

APPROVED AS TO TERMS AND CONDITIONS

By:   
DIRECTOR OF WATER UTILITIES



# **SOUTH FLORIDA WATER MANAGEMENT DISTRICT AMENDMENT**

**PALM BEACH COUNTY BOARD OF  
COUNTY COMMISSIONERS**

By: \_\_\_\_\_

Title: \_\_\_\_\_

**EXHIBIT "A1"**  
**STATEMENT OF WORK**

Green Cay Wetlands 2 mgd Indirect Potable Reuse Project - Water Purification Facility, 2.3 Miles  
Reclaimed Water Main, and 4 Surficial Aquifer Wells, Phase 2 and 2a

Palm Beach County Water Utilities Department

**A. INTRODUCTION/BACKGROUND**

Palm Beach County Water Utilities Department (PBCWUD or Recipient) is a county-owned utility governed by the Palm Beach County Board of County Commissioners (BCC). The utility provides potable water, wastewater, and reclaimed water services to approximately 600,000 residents located mostly within roughly 1,300 square miles of unincorporated Palm Beach County. Additionally, PBCWUD also provides water and sewer services for the cities of Belle Glade, Pahokee and South Bay. As the third largest Utility in the state of Florida, PBCWUD provides bulk water services to several municipalities and private utilities including the City of Atlantis, Seacoast Utility Authority, the Town of Lake Clark Shores, and the Seminole Improvement District.

The Southern Region Water Reclamation Facility (SRWRF) has a treatment capacity of 35 million gallons per day (MGD) of wastewater and can produce up to 22 MGD of reclaimed water. This reclaimed water is primarily used for irrigation via delivery to multiple stormwater retention lakes in the region or through direct connection. Additionally, reclaimed water is provided to two constructed wetlands: the 75-acre, 3.0 MGD capacity Green Cay Wetlands and the 50-acre, 2.0 MGD capacity Wakodahatchee Wetlands. Secondary treated effluent and reclaimed water which do not meet reuse standards are disposed of via deep injection wells.

PBCWUD will construct a Water Purification Facility (WPF) to treat reclaimed water from its Southern Region Water Reclamation Facility (SFWRF) to produce purified water, adding a new water source to the water supply of Palm Beach County without additional water withdrawals. The purified water will be conveyed to the recreational lakes at the proposed public access Green Cay Park (Park) and recharge the aquifer for indirect potable reuse for up to four (4) new surficial aquifer production wells servicing PBCWUD's nearby Water Treatment Plant No.3 (WTP 3). A state-of-the-art public educational/learning center will be constructed adjacent to the WPF to promote public awareness of water, water resources and highlight water as a vital resource. The recreational components and the educational/learning center costs will not be considered for cost reimbursement. This indirect potable reuse project would be the first of its kind in the state of Florida, will maintain the lakes at Green Cay Park for recreational use and will provide purified water to recharge the aquifer.

**B. OBJECTIVES**

The objectives are to recharge the aquifer for indirect potable reuse and to reduce the amount of water disposed of via deep injection wells.

### **C. SCOPE OF WORK**

This scope of work covers Phases 2 and 2A. Phase 2 (FY23) will include excavation, clearing, and grubbing of the site locations for the WPF and the Lake; purchase and installation of approximately 3,900 linear feet of yard piping, all associated fittings, valves, and appurtenance and all underground conduit and ductbank for the electrical work; construct foundations for the WRF and the Chemical Containment buildings including pipe trenches and erosion control measures; purchase and install approximately 6,400 linear feet of 10 to 30-inch raw water main via horizontal directional drill and open cut; and purchase and installation of 1,200 linear feet of purified water main to the lake site via horizontal directional drill and open cut.

The excavation, clearing, and grubbing of the lake and park site are eligible for up to 50% cost consideration toward the alternative water supply project.

Phase 2A (FY24) will include the construction of the 2 mgd WPF located at PBCWUD's SRWRF. The facility will include two (2) automatic strainers, three (3) microfiltration membrane skids, two (2) reverse osmosis (RO) and two (2) ultra-violet light disinfection with advanced oxidation (UVAOP). The WPF building also includes a small administration area where operations staff will monitor and operate the WPF. Switchgear, motor control centers, variable frequency drives and conductors, conduits and appurtenances are included in this project scope. Also included will be a plant-wide control system comprising of programmable logic controllers, remote input/output cabinets, local control cabinets, fiber-optic cable, conductors, conduit and appurtenances.

THIS SPACE INTENTIONALLY LEFT BLANK





**Figure 1.** Location map of Project Area.

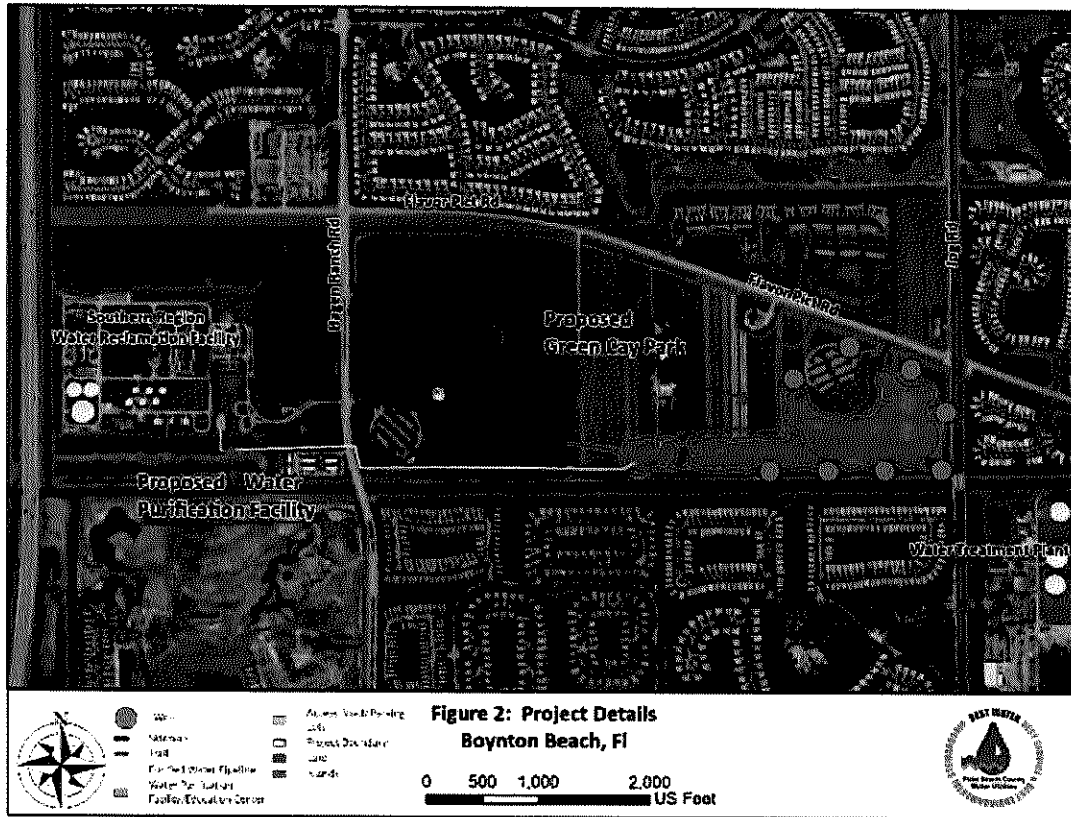


Figure 2. Project details.

#### D. WORK BREAKDOWN STRUCTURE

The work breakdown structure associated with this project is described below. Note that if the project is complete prior to the due date of a Status Report (Tasks 2-14), then Exhibit “D” shall replace the Status Report and subsequent Status Reports shall not be required.

**Task 1: – Recipient** shall submit to the project manager an electronic submittal of final project bid amount and/or final vendor contract for tasks to be completed by May 31, 2026.

**Due Date:** Upon contract execution

**Task 2 – Exhibit “C” Quarterly Status Report:** **Recipient** shall submit to the project manager a status report summarizing progress made to date, issues of concern potentially affecting project performance, and any other information pertinent to the project.

**Due Date:** December 31, 2022

**Task 3 – Exhibit “C” Quarterly Status Report:** **Recipient** shall submit to the project manager a status report summarizing progress made to date, issues of concern potentially affecting project performance, and any other information pertinent to the project.

**Due Date:** March 31, 2023

Task 4 – Exhibit “C” Quarterly Status Report: **Recipient** shall submit to the project manager a status report summarizing progress made to date, issues of concern potentially affecting project performance, and any other information pertinent to the project.

**Due Date:** June 30, 2023

Task 5 – Exhibit “C” Quarterly Status Report: **Recipient** shall submit to the project manager a status report summarizing progress made to date, issues of concern potentially affecting project performance, and any other information pertinent to the project.

**Due Date:** September 30, 2023

Task 6 – Exhibit “C” Quarterly Status Report: **Recipient** shall submit to the project manager a status report summarizing progress made to date, issues of concern potentially affecting project performance, and any other information pertinent to the project.

**Due Date:** December 31, 2023

Task 7 – Exhibit “C” Quarterly Status Report: **Recipient** shall submit to the project manager a status report summarizing progress made to date, issues of concern potentially affecting project performance, and any other information pertinent to the project.

**Due Date:** March 31, 2024

Task 8 – Exhibit “C” Quarterly Status Report: **Recipient** shall submit to the project manager a status report summarizing progress made to date, issues of concern potentially affecting project performance, and any other information pertinent to the project.

**Due Date:** June 30, 2024

Task 9 – Exhibit “C1” Quarterly Status Report: **Recipient** shall submit to the project manager a status report summarizing progress made to date, issues of concern potentially affecting project performance, and any other information pertinent to the project.

**Due Date:** September 30, 2024

Task 10 – Exhibit “C1” Quarterly Status Report: **Recipient** shall submit to the project manager a status report summarizing progress made to date, issues of concern potentially affecting project performance, and any other information pertinent to the project.

**Due Date:** December 31, 2024

Task 11 – Exhibit “C1” Quarterly Status Report: **Recipient** shall submit to the project manager a status report summarizing progress made to date, issues of concern potentially affecting project performance, and any other information pertinent to the project.

**Due Date:** March 31, 2025

Task 12 – Exhibit “C1” Quarterly Status Report: **Recipient** shall submit to the project manager a status report summarizing progress made to date, issues of concern potentially affecting project performance, and any other information pertinent to the project.

**Due Date:** June 30, 2025

Task 13 – Exhibit “C1” Quarterly Status Report: **Recipient** shall submit to the project manager a status report summarizing progress made to date, issues of concern potentially affecting project performance, and any other information pertinent to the project.

**Due Date:** September 30, 2025

Task 14 – Exhibit “C1” Quarterly Status Report: **Recipient** shall submit to the project manager a status report summarizing progress made to date, issues of concern potentially affecting project performance, and any other information pertinent to the project.

**Due Date:** December 31, 2025

Task 15 – Exhibit “C1” Quarterly Status Report: **Recipient** shall submit to the project manager a status report summarizing progress made to date, issues of concern potentially affecting project performance, and any other information pertinent to the project.

**Due Date:** March 31, 2026

Task 16 – **Recipient** shall excavate, clear, and grub site locations for the WPF and Lake/ Reimbursement Request Package

**Due Date:** Upon Task Completion

Task 17 – **Recipient** shall purchase and install approximately 3,900 linear feet of yard piping, all associated fittings, valves, and appurtenances and all underground conduit and duct bank for electrical room/ Reimbursement Request Package

**Due Date:** Upon Task Completion

Task 18– **Recipient** shall construct foundations for the WPF and Chemical Containment building including pipe trenches and erosion control/ Reimbursement Request Package

**Due Date:** Upon Task Completion

Task 19 – **Recipient** shall purchase and install approximately 6,400 linear feet of 10 to 30-inch raw water main via horizontal directional drill and open cut /Reimbursement Request Package

**Due Date:** Upon Task Completion

Task 20 – **Recipient** shall purchase and install approximately 1,200 linear feet of purified water main to the lake via horizontal directional drill and open cut / Reimbursement Request Package

**Due Date:** Upon Task Completion

Task 21 – **Recipient** shall construct one (1) WPF/Administrative building.

**Due Date:** Upon Task Completion.

Task 22 – **Recipient** shall purchase and install switchgear and motor centers, VFDs, all necessary electrical works and lighting throughout the facility.

**Due Date:** Upon Task Completion.

Task 23 – **Recipient** shall purchase and install two (2) automatic strainers and three (3) microfiltration skids.

**Due Date:** Upon Task Completion.

Task 24 – Recipient shall purchase and install two (2) reverse osmosis skids and associated feed and booster pumps.

**Due Date:** Upon Task Completion

Task 25 – Recipient shall purchase and install two (2) (advanced oxidation) UV reactors and plant-wide control system.

**Due Date:** Upon Task Completion

Task 26 – Final Reimbursement Request Package & Project Summary Sheet (Exhibit “D1”): **Recipient** shall submit to the project manager the final reimbursement request package, to include but not limited to, signed certification letter that the project is complete per the agreement, recipient invoice, copies of vendor invoices, and Final Project Summary Report (Exhibit “D1”).

**Due Date:** May 31, 2026

## EXHIBIT "B1"

### PAYMENT AND DELIVERABLE SCHEDULE

Green Cay Wetlands 2 mgd Indirect Potable Reuse Project - Water Purification Facility, 2.3 Miles Reclaimed Water Main, and 4 Surficial Aquifer Wells, Phase 2 and 2a

Palm Beach County Water Utilities Department

- A summary deliverable schedule associated with this project is set forth below.
- The **Recipient** shall submit all deliverables to the **District's** project manager. All deliverables submitted hereunder are subject to review by the **District**. The **Recipient** hereby agrees to provide the **District** all deliverables, data and information described in the Statement of Work.
- Payment shall be made following receipt and acceptance by the **District** of the Reimbursement Request Package(s) in accordance with the schedule set forth below. The **Recipient** shall submit a reimbursement request upon completion of each Task noted below. If applicable, the **Recipient** shall submit a final reimbursement request package for payment and Exhibit "D1" on or before May 31, 2026, for reimbursement. All reimbursement request packages shall be accompanied by adequate documentation to demonstrate completion of each Task in accordance with Exhibit "A1" the Statement of Work (SOW).
- Reimbursement Request Packages shall include but not be limited to, a copy of **Recipient's** invoice, signed certification letter for partial payment that the task(s) is (are) complete per the SOW or that the project is complete per the SOW, Exhibit "D1" Final Project Summary Report, copies of vendor invoices and payments, and any other documentation supporting payment. Timely payment of invoices shall be contingent upon the District's review and acceptance of all invoice(s). Final payment is subject to the final project construction cost. The Reimbursement Request Package shall be submitted on or before May 31 , 2026.
- The **District** shall only be obligated to pay for documented actual construction costs within the not-to-exceed amounts specified below. In the event actual construction costs by the **Recipient** are less than the not-to-exceed amount for a particular task, the **Recipient** shall have the right to apply the unexpended balance toward another task, unless the total current construction cost has decreased. The **Recipient** shall provide prior written notice of its decision to exercise this right to the **District's** Project Manager. If the **Recipient** does not exercise this right, the **Recipient** agrees to amend the contract to revise the approved funding consistent with the original percentage to the lower construction cost. In *no event* shall the **District's** total obligation exceed the amount specified below for the total **Agreement**; however, an actual construction cost less than the estimated construction cost may result in a reduced final payment. The **Recipient** is responsible for any additional funds either through local revenues, grants, other appropriations, and/or other funding sources.
- Total reimbursement payment by the **District** for all work completed herein *shall not exceed* the amount of \$8,000,000. If the total consideration for this **Agreement** is

subject to multi-year funding allocations, funding for each applicable fiscal year of this **Agreement** will be subject to Governing Board budgetary appropriation. In the event the **District** does not approve funding for any subsequent fiscal year, this **Agreement** shall terminate upon expenditure of the current funding, notwithstanding other provisions in this **Agreement** to the contrary.

<b>Task No.</b>	<b>Deliverable(s)</b>	<b>Invoice Date<sup>1</sup></b>	<b>Report Due Date</b>	<b>District Not-To-Exceed Payment</b>
1	Electronic submittal of final project bid and/or vendor estimates for tasks to be completed by February 28, 2026.	N/A	Upon Contract Execution <sup>2</sup>	N/A
2	Exhibit "C" – Quarterly Status Report <sup>3</sup>	N/A	December 31, 2022	N/A
3	Exhibit "C" – Quarterly Status Report <sup>3</sup>	N/A	March 31, 2023	N/A
4	Exhibit "C" – Quarterly Status Report <sup>3</sup>	N/A	June 30, 2023	N/A
5	Exhibit "C" – Quarterly Status Report <sup>3</sup>	N/A	September 30, 2023	N/A
6	Exhibit "C" – Quarterly Status Report <sup>3</sup>	N/A	December 31, 2023	N/A
7	Exhibit "C" – Quarterly Status Report <sup>3</sup>	N/A	March 31, 2024	N/A
8	Exhibit "C" – Quarterly Status Report <sup>3</sup>	N/A	June 30, 2024	N/A
9	Exhibit "C1" – Quarterly Status Report <sup>3</sup>	N/A	September 30, 2024	N/A
10	Exhibit "C1" – Quarterly Status Report <sup>3</sup>	N/A	December 31, 2024	N/A
11	Exhibit "C1" – Quarterly Status Report <sup>3</sup>	N/A	March 31, 2025	N/A
12	Exhibit "C1" – Quarterly Status Report <sup>3</sup>	N/A	June 30, 2025	N/A
13	Exhibit "C1" – Quarterly Status Report <sup>3</sup>	N/A	September 30, 2025	N/A
14	Exhibit "C1" – Quarterly Status Report <sup>3</sup>	N/A	December 31, 2025	N/A
15	Exhibit "C1" – Quarterly Status Report <sup>3</sup>	N/A	March 31, 2026	N/A

<b>FY23 Tasks and Funding</b>				
16	Excavate, clear, and grub site locations for Water Purification Facility and Lake.	Upon Task Completion	Upon Task Completion	\$1,724,860
17	Purchase and install approximately 3,900 linear feet of yard piping, all associated fittings, valves, and appurtenances and all underground conduit and duct bank for electrical room. Reimbursement Request Package	Upon Task Completion	Upon Task Completion	\$1,238,360
18	Construct foundations for the Water Purification Facility and Chemical Containment building including pipe trenches and erosion control. Reimbursement Request Package	Upon Task Completion	Upon Task Completion	\$647,100
19	Purchase and install approximately 6,400 linear feet of 10 to 30-inch raw water main via horizontal directional drill and open cut. Reimbursement Request Package	Upon Task Completion	Upon Task Completion	\$1,038,180
20	Purchase and install approximately 1,200 linear feet of purified water main to the lake via horizontal directional drill and open cut. Reimbursement Request Package	Upon Task Completion	Upon Task Completion	\$351,500
<b>FY24 Tasks and Funding</b>				
21	Construct one (1) Water Purification Facility/Administrative Building/ Reimbursement Request Package	Upon Task Completion	Upon Task Completion	\$680,800
22	Purchase and install switchgear, motor control centers, VFDs, and miscellaneous electrical and lighting throughout WPF/ Reimbursement Request Package	Upon Task Completion	Upon Task Completion	\$761,800



23	Purchase and install two (2) automatic strainers and three (3) microfiltration skids/ Reimbursement Request Package	Upon Task Completion	Upon Task Completion	\$510,100
24	Purchase and install two (2) reverse osmosis skids and feed and booster pumps/ Reimbursement Request Package	Upon Task Completion	Upon Task Completion	\$457,300
25	Purchase and install two (2) (advanced oxidation) UV reactors and install plant-wide control system/ Reimbursement Request Package	Upon Task Completion	Upon Task Completion	\$590,000
26	Reimbursement Request Package & Project Summary Report (Exhibit "D1")	May 31, 2026	May 31, 2026	N/A
<b>Total District Funding</b>				<b>\$8,000,000</b>
Current Fiscal Year(s) Construction Costs				\$33,698,750
Total Project Construction Cost				\$95,000,000

<sup>1</sup>If applicable, interim Reimbursement Request Package shall be submitted upon completion of the task(s) noted above. Reimbursement Request Packages must be submitted on or before May 31, 2026 for reimbursement, no exceptions.

<sup>2</sup>If construction bids and vendor estimates have not been completed upon execution of the **Agreement**, the **Recipient** shall submit this information as soon as it's available to the **District** Project Manager.

<sup>3</sup>Exhibit "C1" Quarterly Status Reports are due within ten (10) days of the due date.

Note: Ineligible costs include, but not limited to, permits, as-builts, videos, early completion bonus, bonds and insurance, etc.

Note: If the project includes well drilling and testing, deliverables must include copies of all hydrogeologic data collected in the course of drilling and testing, in the **District** specified format. An electronic copy of the **District** specified format is available via email. Contact the appropriate **District** Project Manager to request one.



**EXHIBIT "C1"**  
**Alternative Water Supply**

Quarterly Status Report

To comply with the AWS quarterly status report requirements specified in your contract, this form shall be completed and submitted via email to your **District** Project Manager. Please attach backup documentation (e.g. pictures, drawings, etc.) that will provide an understanding of project construction to date.

<b>Agreement Number:</b>	4600004795	<b>Purchase Order Number:</b>	95000010178
<b>Reporting Quarter:</b> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12 <input type="checkbox"/> 13 <input type="checkbox"/> 14 <input type="checkbox"/>			
<b>Project Title:</b>	Green Cay Wetlands 2 mgd Indirect Potable Reuse Project - Water Purification Facility, 2.3 miles Reclaimed Water Main, and 4 Surficial Aquifer Wells, Phase 2 and 2a	<b>Recipient:</b>	Palm Beach County Water Utilities Department
<b>Overall status of project:</b>	On Schedule <input type="checkbox"/>	Behind Schedule <input type="checkbox"/>	
If behind schedule, provide an explanation:			
<b>Project Summary (to date):</b>			
<b>Actual Phase Construction Costs</b>			
	<b>Date</b>	<b>Amount</b>	
Bid Document			
Final Contract (with vendor)			
Total expended to date			
Change order(s)			
<b>Submitted by:</b>		<b>Title:</b>	
<b>Email:</b>		<b>Date:</b>	
<b>Report submittal and/or questions:</b> Email or call Robert Wanvestraut at <a href="mailto:rowanves@sfwmd.gov">rowanves@sfwmd.gov</a> or 561-682-6615			
<b>SFWMD staff only:</b>			
<b>Date received:</b>		<b>Received by:</b>	
<b>Status:</b>	Commenced <input type="checkbox"/>	On Schedule <input type="checkbox"/>	Behind Schedule <input type="checkbox"/>
		Completed <input type="checkbox"/>	Closed <input type="checkbox"/>

Construction Deliverables Status – provide the following information for each deliverable listed in Exhibit “B” of the Agreement:

<b>Task No.</b>	<b>Exhibit “B” Deliverables</b>	<b>Is the Task Complete? Y/N</b>	<b>Estimated Finish Date</b>	<b>Task Status and Comments</b>
1	Electronic submittal of final project bid and/or vendor estimates for tasks to be completed by February 28, 2026		Upon contract execution	
2	Quarterly Status Report		12/31/22	
3	Quarterly Status Report		3/31/23	
4	Quarterly Status Report		6/30/23	
5	Quarterly Status Report		9/30/23	
6	Quarterly Status Report		12/31/23	
7	Quarterly Status Report		3/31/24	
8	Quarterly Status Report		6/30/24	
9	Quarterly Status Report		9/30/24	
10	Quarterly Status Report		12/31/24	
11	Quarterly Status Report		3/31/25	
12	Quarterly Status Report		6/30/25	
13	Quarterly Status Report		9/30/25	
14	Quarterly Status Report		12/31/25	
15	Quarterly Status Report		3/31/26	
<b>FY23 Tasks and Funding</b>				
16	Excavate, clear, and grub site locations for Water Purification Facility and Lake		Upon Task Completion	
17	Purchase and install approximately 3,900 linear feet of yard piping, all associated fittings, valves, and appurtenances and all underground conduit and ductbank for electrical room		Upon Task Completion	
18	Construct foundations for the Water Purification Facility and Chemical		Upon Task Completion	

	Containment building including pipe trenches and erosion control			
19	Purchase and install approximately 6,400 linear feet of 10 to 30-inch raw water main via horizontal directional drill and open cut		Upon Task Completion	
20	Purchase and install approximately 1,200 linear feet of purified water main to the lake via horizontal directional drill and open cut		Upon Task Completion	
<b>FY24 Tasks and Funding</b>				
21	Construct one (1) Water Purification Facility/Administrative Building/ Reimbursement Request Package		Upon Task Completion	
22	Purchase and install switchgear, motor control centers, VFDs, and miscellaneous electrical and lighting throughout WPF/ Reimbursement Request Package		Upon Task Completion	
23	Purchase and install two (2) automatic strainers and three (3) microfiltration skids/ Reimbursement Request Package		Upon Task Completion	
24	Purchase and install two (2) reverse osmosis skids and feed and booster pumps/ Reimbursement Request Package		Upon Task Completion	
25	Purchase and install two (2) (advanced oxidation) UV reactors and install plant-wide control system/ Reimbursement Request Package		Upon Task Completion	
26	Reimbursement Request Package & Project Summary Report (Exhibit "D1")		5/31/26	

**EXHIBIT "D1"**

**Alternative Water Supply**

Final Project Summary Report



Wetlands 2 mgd Indirect Potable  
 Reclamation Project - Water Purification Facility,  
 2.3 Miles Reclaimed Water Main, and 4  
 Surficial Aquifer Wells

<b>Project Title</b>	<b>Recipient Project Manager</b>
4600004795 /95000010178	Palm Beach County Water Utilities Department
<b>SFWMD Agreement / PO Numbers</b>	<b>Recipient Name (Project Owner)</b>

**Describe project constructed:**

Type of Alternative Water Supply	Quantity of Water Made Available		Construction Duration	
	Proposed	Actual	Start Date	Finish Date
Reclaimed Water				

COST FOR THIS PHASE (Phase refers to the current work)		
	Proposed Costs	Actual Costs
Current Fiscal Year(s) Construction Cost	\$40,000,000	\$
FUNDING BREAKDOWN FOR THIS PHASE		
District Funding	\$8,000,000	\$
Local Funds	\$35,000,000	\$
Other Funding Source		
From:	\$	\$
<b>TOTAL PHASE COSTS</b>	<b>\$40,000,000</b>	<b>\$</b>

Attach map and photo(s) of project in an electronic format, if available. The District will make funding payments only to reimburse for work completed between October 1, 2022 and May 31, 2026.

To the best of my knowledge, the above information is correct.

\_\_\_\_\_  
**Chief Financial Officer**

\_\_\_\_\_  
**Recipient Project Manager**

**EXHIBIT "E1"**

FUNDS AWARDED TO THE ENTITY PURSUANT TO THIS AGREEMENT CONSIST OF THE FOLLOWING:

<b>Federal Resources Awarded to the Recipient Pursuant to this Agreement Consist of the Following:</b>					
Federal Program Number	Federal Agency	CFDA Number	CFDA Title	Funding Amount	State Appropriation Category
	Department of Treasury	21.027	Coronavirus State and Local Fiscal Recovery Funds	\$4,946,059.52	145106

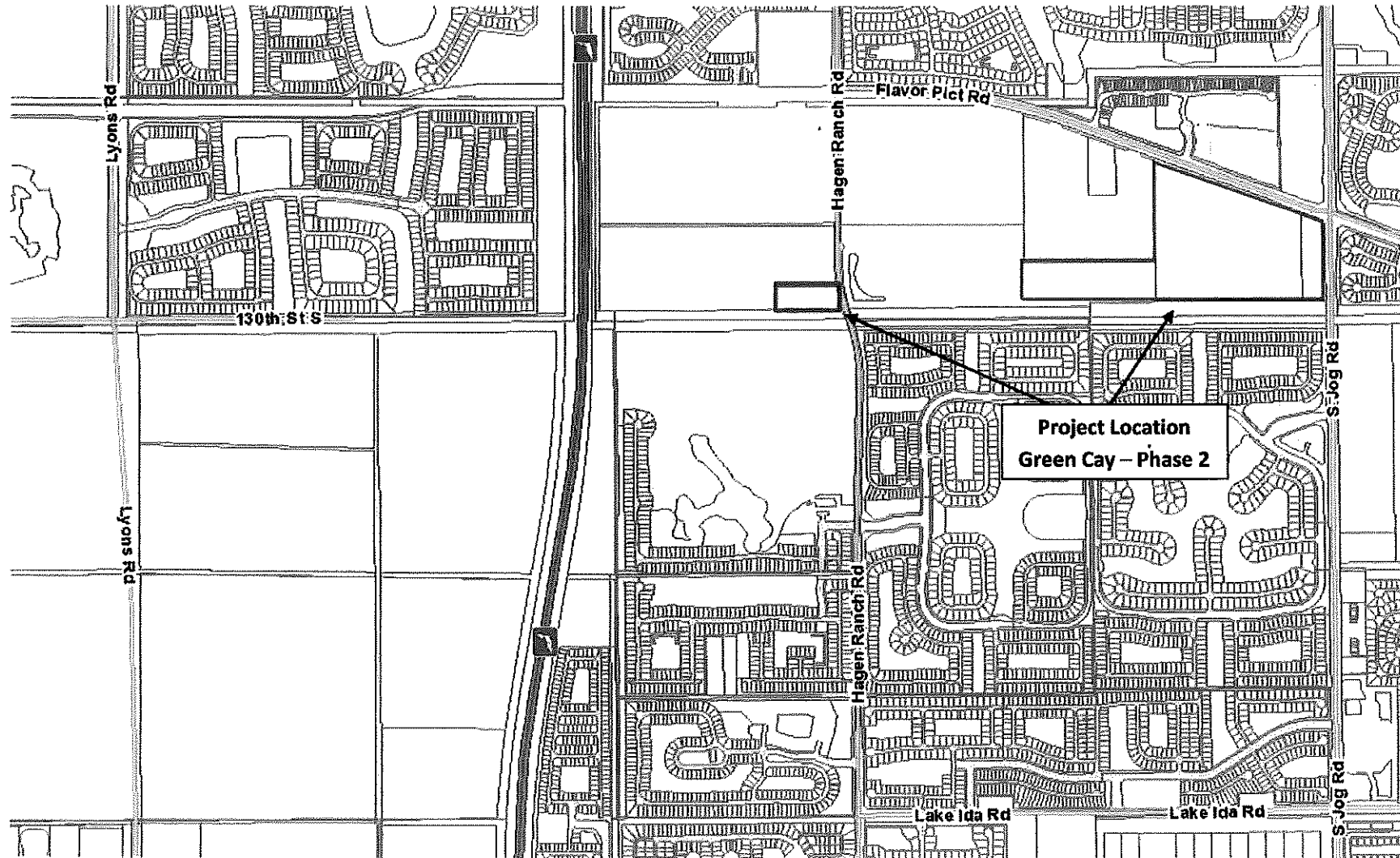
<b>State Resources Awarded to the Recipient Pursuant to this Agreement Consist of the Following Matching Resources for Federal Programs:</b>					
Federal Program Number	Federal Agency	CFDA Number	CFDA Title	Funding Amount	State Appropriation Category

<b>State Resources Awarded to the Recipient Pursuant to this Agreement Consist of the Following Resources Subject to Section 215.97, F.S.:</b>						
Federal Program Number	State Agency	State Fiscal Year	Number	CSFA Title or Funding Source Description	Funding Amount	State Appropriation Category
	Florida Department of Environmental Protection	2019-2020	37.100	Alternative Water Supplies	\$53,940.48	141138
	Florida Department of Environmental Protection	2023-2024	37.100	Alternative Water Supplies	\$3,000,000	141138

<b>Total Award</b>				<b>\$8,000,000</b>	
--------------------	--	--	--	--------------------	--

For each program identified above the recipient shall comply with the program requirements described in the Catalog of Federal Domestic Assistance (CFDA) [<https://beta.sam.gov/help/assistance-listing>] and/or the Florida Catalog of State Financial Assistance (CSFA) [<https://apps.fldfs.com/fsaa/catalog.aspx>]. The services/purposes for which the funds are to be used are included in the Agreement scope of services/work. Any match required by the recipient is clearly indicated in the Agreement.

**ATTACHMENT 2**  
Location Map



24-1030

**BOARD OF COUNTY COMMISSIONERS  
PALM BEACH COUNTY, FLORIDA  
BUDGET AMENDMENT**

**Attachment 3**

**BGEX** 092524\*1989

**BGRV** 092524\*592

**FUND** 401 | Water Utilities Capital Improvement Fund

ACCOUNT NUMBER	ACCOUNT NAME	UNIT NAME	ORIGINAL BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED BUDGET	EXPENDED/ ENCUMBERED as of 10/07/2024	REMAINING BALANCE
<b>REVENUES</b>									
721-W050-3739	Grnt Fr Ot Loc Govt-Phys Envrn	Green Cay Phase 2	0	5,000,000	3,000,000	0	8,000,000		
	<b>Total Fund Revenues</b>		<b>407,092,712</b>	<b>413,962,203</b>	<b>3,000,000</b>	<b>0</b>	<b>416,962,203</b>		
<b>EXPENDITURES</b>									
721-W050-6545	Wastewater Treatment Plant	Green Cay Phase 2	0	81,750,000	3,000,000	0	84,750,000	76,820,803	7,929,197
	<b>Total Fund Expenditures</b>		<b>407,092,712</b>	<b>413,962,203</b>	<b>3,000,000</b>	<b>0</b>	<b>416,962,203</b>		

SIGNATURES: *Boony Inderman* DATES: 07-Oct-24  
 Initiating Department/Division

*Marc Gay* 10/9/2024  
 Administration/Budget Department Approval

OFMB Department - Posted

**BY BOARD OF COUNTY COMMISSIONERS**

At Meeting of: 22-Oct-24

Deputy Clerk to the  
Board of County Commissioners