

PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

<b>Meeting Date:</b>	<b>February 11, 2025</b>	<b>Consent [X]</b>	<b>Regular [ ]</b>
<b>Department:</b>	<b>Water Utilities Department</b>	<b>Public Hearing [ ]</b>	

**I. EXECUTIVE BRIEF**

**Motion and Title: Staff recommends motion to receive and file:** Two (2) executed Standard Potable Water and Wastewater Development Agreements for the month of October 2024, one (1) Change Order No. 3 with Johnson-Davis Incorporated, one (1) Change Order No. 3 with Youngquist Brothers LLC, and two (2) grant applications for Florida Department of Environmental Protection (FDEP) Resilient Florida projects, which were submitted on September 1, 2024.

- A) Standard Potable Water and Wastewater Development Agreement with Posh Hospitality No 3, Congress Avenue LLC, SDA #01-01283-000 (District 3), Recorded in OR BK 35342 PG 1410.
- B) Standard Potable Water and Wastewater Development Agreement with Zak Real Estate, LLC, SDA #02-01180-000 (District 6), Recorded in OR BK 35351 PG 1529.
- C) Palm Beach County Water Utilities Department (PBCWUD) Project No. 15-013 Change Order No. 3 to Water Main Improvements (Contract) (R2022-0561) with Johnson-Davis Incorporated (Contractor) to extend the Contract for an additional 90 day period.
- D) PBCWUD Project No. 18-066 Change Order No. 3 to Water Treatment Plant No. 2 Treatment and Disposal Improvements Design Package 2-Deep Injection Well (Contract) (R2022-0119) with Youngquist Brothers LLC to extend the Contract for an additional 118 day period.
- E) PBCWUD Project No. 19-035 Western Region North Wastewater Treatment Facility and Wet Weather Improvements (WRNWWTF Project) grant application for funding support of approximately \$7,000,000.
- F) Future Project WRWWTF Electrical Building Replacement (WRWWTF Electrical) grant application for funding support of approximately \$20,000,000.

**Summary:** In accordance with County PPM CW-O-051, all delegated contracts/ agreements/grants/ procurement items must be submitted by the initiating department as a receive and file agenda item and attached, unless the documents have been recorded in the Public Records of Palm Beach County. In addition, the change orders are being submitted for receipt and filing in accordance with Countywide PPM CW-F-050 as the time extensions on the projects have exceeded 180 days. The Resilient Florida grant applications are being submitted for receipt and filing in accordance with Countywide PPM CW-F-003 as they were executed under delegated authority by the BCC on July 2, 2024. The documents have been fully executed and recorded on behalf of the Board of County Commissioners (BCC) by the Director of the Palm Beach County Water Utilities Department (PBCWUD) in accordance with Resolutions R93-1619, R96-0228, and R2003-0539 and are now being submitted to the BCC to receive and file. Districts 3 & 6 (MWJ)

**Background and Justification (Continued on page 3)**

**Attachments:**

- 1 Two (2) Original Change Order No. 3 with Johnson-Davis Incorporated
- 2 Two (2) Original Change Order No. 3 with Youngquist Brothers LLC
- 3 One (1) FDEP Resilient Florida Program Grant Application RAN-01080
- 4 One (1) FDEP Resilient Florida Program Grant Application RAN-01078

Recommended By:	<u>Ali Bayat</u>	<u>1/24/2025</u>
	Department Director	Date
Approved By:	<u>[Signature]</u>	<u>1/27/25</u>
	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>(\$37,314)</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>	<b><u>(\$37,314)</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
<b># ADDITIONAL FTE POSITIONS (Cumulative)</b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>

**Budget Account No.:** Fund 4000 Dept 720 Unit 4200 Object 6992

Is Item Included in Current Budget? Yes X No     

Is this item using Federal Funds? Yes      No X

Is this item using State Funds? Yes      No X

Reporting Category N/A

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

Mandatory Agreement Payment has been paid in full and service installation fees will be paid at the time of connection.

C. Department Fiscal Review: By Center for CF

**III. REVIEW COMMENTS**

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

[Signature] 1/23/2025  
OFMB  
QA 1/16  
1/16  
1/16

[Signature] 1/27/2025  
Contract Development and Control  
2/5/1.23.25

**B. Legal Sufficiency:**

[Signature] 1/27/25  
Assistant County Attorney

**C. Other Department Review:**

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

**Background and Justification:** PBCWUD's Uniform Policies and Procedures require Standard Development Agreements to obtain concurrency for water and/or wastewater service. The terms and conditions for Standard Development Agreements are outlined in the PBCWUD Uniform Policies and Procedures Manual. The BCC delegated the authority to execute various types of Standard Development Agreements, and related documents including Standard Indemnity Agreements to the Department Director including potable water and wastewater agreements (R93-1619); reclaimed water agreements (R96-0228); and additional conditions for potable water, wastewater, and reclaimed water agreements (R2003-0539).

- A) Standard Potable Water and Wastewater Development Agreement with Posh Hospitality No 3, Congress Avenue LLC, SDA #01-01283-000 (District 3), Recorded in OR BK 35342 PG 1410.
- B) Standard Potable Water and Wastewater Development Agreement with Zak Real Estate, LLC, SDA #02-01180-000 (District 6), Recorded in OR BK 35351 PG 1529.
- C) PBCWUD Project No. 15-013 Change Order No. 3 to Water Main Improvements (Contract) (R2022-0561) with Johnson-Davis Incorporated (Contractor) to extend the Contract for an additional 90 day period.
- D) PBCWUD Project No. 18-066 Change Order No. 3 to Water Treatment Plant No. 2 Treatment and Disposal Improvements Design Package 2-Deep Injection Well (Contract) (R2022-0119) with Youngquist Brothers LLC to extend the Contract for an additional 118 day period.
- E) PBCWUD Project No. 19-035 Western Region North Wastewater Treatment Facility and Wet Weather Improvements (WRNWWTF Project) grant application for funding support of approximately \$7,000,000.
- F) Future Project WRWWTF Electrical Building Replacement (WRWWTF Electrical) grant application for funding support of approximately \$20,000,000.

CHANGE ORDER NO. 3  
Palm Beach County Water Utilities Department  
*Water Main Improvements*  
Resolution No. R2022-0561 Contract Dated June 07, 2022

**Project Title: Water Main Improvements**

**PBCWUD Project No.: 15-013**

**Contractor: Johnson-Davis Incorporated**

**Address: 604 Hillbrath Dr. Lantana, Florida 33908**

**Budget Line Item No.: 4011 - 721 - W031 - 6543**

**District: Countywide**

**Notice to Proceed: 02/27/23**

The Contract provides for 23.04% SBE participation, which includes 4.21% MBE participation, 4.21% MBE (H). This Change Order includes 0.00% SBE participation which includes, 0.00% MBE participation, 0.00% MBE(H). The cumulative SBE participation, including this Change Order is 23.04% SBE participation, which includes 4.21% MBE participation, 4.21% MBE(H).

**You are directed to make the following changes in this contract:**

3.1 The Contractor has requested 90 days to address the Home Owners Association (HOA)

complaints at Westlake.	<b>\$0.00</b>
<b>Total:</b>	<b>\$0.00</b>

All Attachments to this Change Order are made a part of this Change Order and incorporated herein.

---




NOT VALID UNTIL SIGNED BY BOTH OWNER AND ENGINEER. SIGNATURE OF THE CONTRACTOR INDICATES THEIR AGREEMENT HEREWITH INCLUDING ANY ADJUSTMENT IN THE CONTRACT SUM OR CONTRACT TIME, AND NO ADDITIONAL COST OR TIME INDICATED HEREIN WILL BE RELATED TO THIS CHANGE

---

The Original Contract Sum was.....	<b>\$5,757,115.00</b>
Net Change by previous Change Order.....	<b>\$0.00</b>
The Contract Sum prior to this Change Order was.....	<b>\$5,757,115.00</b>
The Contract Sum will be <del>increased/decreased</del> by this Change Order.....	<b>\$0.00</b>
The New Contract Sum indicating this Change Order will be.....	<b>\$5,757,115.00</b>
The Date of Substantial Completion prior to this Change Order was .....	<b>05/20/24</b>
The Date of Final Completion prior to this Change Order was .....	<b>06/19/24</b>
The Contract Time will be <del>increased/decreased</del> by.....	<b>90 Days</b>
The Date of Substantial Completion including this Change Order.....	<b>05/20/24</b>
The Date of Final Completion including this Change Order.....	<b>09/17/24</b>

**CHANGE ORDER NO. 3**  
**Palm Beach County Water Utilities Department**  
**Water Main Improvements**  
**Resolution No. R2022-0561 Contract Dated June 07, 2022**

Execution of this change order acknowledges final settlement of, and releases, all claims for costs and time associated, directly or indirectly, with the above stated modification(s), including all claims for cumulative delays or disruptions resulting from, caused by, or incident to such modification(s), and including any claim that the above stated modification(s) constitutes, in whole or part, a cardinal change to the contract.

<u>Johnson-Davis, Inc.</u> CONTRACTOR	<u>Palm Beach County Water Utilities Department</u> ENGINEER	<u>Palm Beach County Contract Review Committee</u> OWNER
<u>604 Hillbrath Dr.</u> <u>Lantana, FL</u> ADDRESS	<u>8100 Forest Hill Blvd.</u> <u>West Palm Beach, FL 33413</u> ADDRESS	<u>301 N. Olive Avenue</u> <u>West Palm Beach, FL 33401</u> ADDRESS
 SIGNATURE	 SIGNATURE	 SIGNATURE
<u>William Cryer</u> PRINT NAME	<u>Joseph Tonacore</u> PRINT NAME	<u>Brenda Znachko J.D.,LL.M</u> PRINT NAME
<u>Vice-President</u> TITLE	<u>Engineer</u> TITLE	<u>Director,</u> <u>Contract Development &amp; Control</u> TITLE
<u>10/4/2024</u> DATE	<u>10-7-24</u> DATE	<u>11/20/24</u> DATE

STATE OF FLORIDA  
 COUNTY OF Palm Beach

The foregoing instrument was acknowledged before me by means of  physical presence or  online notarization this 26 day of October, 2024 by William Cryer who is  personally known to me or  has produced \_\_\_\_\_ as identification.

  
 (Signature of Notary Public - State of Florida)



**LARISADITU PELKEY**  
 Commission # HH 178111  
 Expires January 22, 2028  
 Provided Thru Budget Notary Services

(Print, Type, or Stamp Commissioned Name of Notary Public)

CHANGE ORDER NO. 3  
Palm Beach County Water Utilities Department  
*Water Main Improvements*  
Resolution No. R2022-0561 Contract Dated June 07, 2022

**LIST OF ATTACHMENTS**

<b>ATTACHMENT A</b>	Change Order Summary and Categorization
<b>ATTACHMENT B</b>	Change Order Additions/Deletions Summary
<b>ATTACHMENT C</b>	OEBO Schedule 1 <del>and Schedule 2</del>
<b>ATTACHMENT D</b>	Location Map
<b>ATTACHMENT E</b>	<del>Bond Rider (if applicable)</del>
<b>ATTACHMENT F</b>	Supporting Documentation

Revised 03/05/2024

**ATTACHMENT A  
CHANGE ORDER NO. 3 SUMMARY AND CATEGORIZATION**

**Project Title: Water Main Improvements  
PBCWUD Project No.: 15-013  
Resolution No.: R2022-0561**

Item No.	C.O. Code	Scope of Work	Additions	(Deletions)	Net Change	Time
3.1	7	The Contractor has requested 90 days to address the Home Owners Association (HOA) complaints.	\$0.00		\$0.00	90
Total			\$0.00		\$ 0.00	90

**CHANGE ORDER CATEGORIZATION CODE**

- 1) OWNER INITIATED
- 2) DIFFERING SITE CONDITIONS
- 3) ZONING/CODE/ORDINANCE CHANGES (REQUIREMENTS)
- 4) ERRORS/OMISSIONS IN DESIGN
- 5) QUANTITY OVERRUNS/UNDERRUNS
- 6) REQUEST BY ANOTHER AGENCY/OUTSIDE PARTY REIMBURSABLE
- 7) REQUEST BY ANOTHER AGENCY/OUTSIDE PARTY NON-REIMBURSABLE
- 8) OTHER [PROVIDE JUSTIFICATION VIA MEMO OR SCOPE OF WORK] \_\_\_\_\_

**ATTACHMENT B**

**CHANGE ORDER ADDITIONS/DELETIONS SUMMARY**

Project Title: Water Main Improvements  
 Contractor: Johnson-Davis Incorporated  
 PBCWUD Project No.: 15-013  
 Resolution No.: R2022-0561  
 Date Approved: 06/07/22  
 Contract Amount: \$5,757,115.00

**APPROVAL LIMITS:**

	<u>Department Head</u>	<u>Contract Review Committee</u>
	<u>Amount/Days</u>	<u>Amount/Days</u>
<u>Individual C.O.</u>	\$50,000.00 - 30 Days	\$100,000.00 - 90 Days
<u>Cumulative C.O.</u>	\$250,000.00 <sup>1</sup> - 30 Days	\$250,000.00 <sup>1</sup> - 120 Days

C.O. NO.	DATE APPROVED	NET CHANGE <sup>2</sup>	DEPARTMENT HEAD (ADDS PLUS DEDUCTS) <sup>3</sup>		CONTRACT REVIEW COMMITTEE (ADDS PLUS DEDUCTS) <sup>3</sup>		TOTAL DEPT. HEAD & CONTRACT REVIEW COMM. (ADDS PLUS DEDUCTS) <sup>3</sup>		BOARD OF COUNTY COMMISSIONERS (ADDS PLUS DEDUCTS) <sup>3</sup>		TOTALS
			AMOUNT	DAYS	AMOUNT	DAYS	AMOUNT	DAYS	AMOUNT	DAYS	
1	12/06/23	0	0	0	0	118	0	118	0	0	0.00
2	05/01/24	0	0	0	0	60	0	60	0	0	0.00
3	pending	0	0	0	0	90	0	90	0	0	0.00
			0	0		268	0	268	0	0	\$0.00

**NOTES:**

1. Per PPM #CW-F-050, upon approval of the C.O. in the cumulative amount of \$250,000.00 or 5% of Contract Amount (> \$5 million), Receive and File must be submitted to the Board of County Commissioners to reset the dollar amount.
2. Net Change reflects the net amount of additions plus deductions.
3. Adds plus Deducts reflects the absolute value of unrelated changes for use in determining the approval authority for the Change Order.



**ATTACHMENT C**  
**OEBO SCHEDULE 1**

**OFFICE OF EQUAL BUSINESS OPPORTUNITY COMPLIANCE PROGRAMS**

**OEBO SCHEDULE 1**

SOLICITATION/PROJECT/BID NAME: Water Main Improvements

SOLICITATION/PROJECT/BID NO.: 15-013

SOLICITATION OPENING/SUBMITTAL DATE: 02/27/2023

COUNTY DEPARTMENT: Palm Beach County Water Utility District

**Section A PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT\* ON THE PROJECT:**

NAME OF PRIME RESPONDENT/BIDDER: Johnson-Davis Incorporated ADDRESS: 604 Hillbrath Drive, Lantana, FL 33462

CONTACT PERSON: William Cryer PHONE NO.: 561-588-1170 E-MAIL: ccryer@johnsondavis.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$0.00

\*SMWBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.

Non-SBE  
  MBE  
  WBE  
  SBE

**Section B PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS/SUBCONSULTANTS ON THE PROJECT BELOW:**

Subcontractor/Sub consultant Name	(Check all Applicable Categories)				DOLLAR AMOUNT OR PERCENTAGE OF WORK					
	Non-SBE	MBE	WBE	SBE	Black	Hispanic	Women	Caucasian	Asian	Other
	Business	Minority Business	Women Business	Small Business						
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____

(Please use additional sheets if necessary)

Total \_\_\_\_\_

Total Bid/Offer Price \$ 0.00

Total Certified S/M/WBE Participation \$ 0.00

I hereby certify that the above information is accurate to the best of my knowledge: William Cryer Vice President

Name & Authorized Signature

Title

- Note:
- The amount listed on this form for a Subcontractor/sub consultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
  - Only those firms certified by Palm Beach County at the time of solicitation due date are eligible to meet the established OEBO Affirmative Procurement Initiative (API). Please check the applicable box and list the dollar amount or percentage under the appropriate demographic category.
  - Modification of this form is not permitted and will be rejected upon submittal.
  - If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation.



If you have experienced or witnessed a violation of the EBO Ordinance or would like to file a complaint, please scan the QR Code

**ATTACHMENT C  
OEBO SCHEDULE 2**

**N/A**

**OFFICE OF EQUAL BUSINESS OPPORTUNITY COMPLIANCE PROGRAMS**

**Revised 03/05/2024**

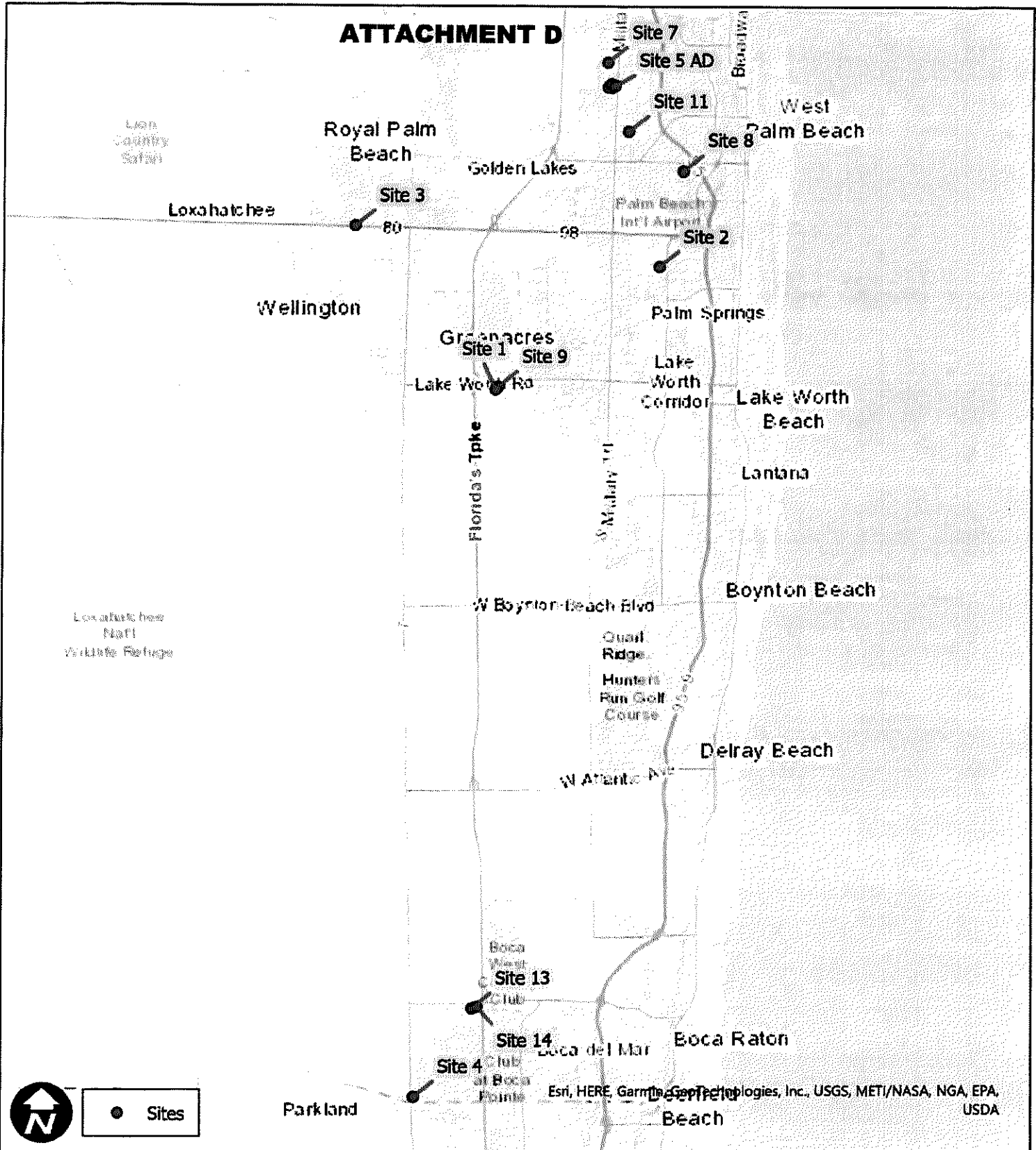
**ATTACHMENT D**



**LOCATION MAP**


**PBCWUD Project No. 15-013**

**Revised 03/05/2024**

# ATTACHMENT D





**Palm Beach County**  
**Water Utilities**  
**Department**  
 8100 Forest Hill Blvd.  
 West Palm Beach, FL 33416  
 (561) 740-4600

**Project Location Map**  
**Project Name: Water Main Improvements**  
**PBCWUD Project No. 15-013**

Created by: P.B.C.W.U.D. GIS Section ajbaker • Date: 05/31/2022 • File: W:\GIS\Projectal\_Other\GeneralMapRequests\MapRequests.a

**ATTACHMENT E**

**BOND RIDER  
(IF APPLICABLE)**

**N/A**

**Revised 03/05/2024**

**ATTACHMENT F**

**SUPPORTING DOCUMENTATION**

Revised 03/05/2024

INTER-OFFICE COMMUNICATION  
Palm Beach County  
WATER UTILITIES DEPARTMENT

DATE: Sept 18, 2024

TO: File

FROM: Joseph Tanacredi P.E. 

RE: Change Order No 3, WUD 15-013, site 13  
CD01 Water Main Improvements, Looping project

The Contractor has requested 90 day time extension to the final completion to satisfy the Westlake Community restoration concerns. The Westlake community wasn't satisfied with the final restoration of the project even though it was completed in accordance to Palm Beach County standards.

Johnson-Davis went back out to the site and corrected and restored all area that the Westlake Community wasn't satisfied. All the extra work has been completed by Johnson – Davis to the satisfaction of the Westlake Community and the contract requirements.





**JOHNSON-DAVIS INC.**

*Contractors*

604 HILLBRATH DRIVE  
LANTANA, FL 33462-1694  
PHONE: 561-588-1170 FAX: 561-585-5252  
CU-C043087

10/2/24

Mr. Joseph Tanacredi  
Project Manager  
Palm Beach County Water Utilities Department  
8100 Forest Hill Blvd.  
West Palm Beach, FL 33413

RE: Palm Beach County CD01 Water Main Improvements – Additional Days (90 days)  
WUD Project No. 15-013 site 13

Dear Mr. Tanacredi:

We are asking for a 90-day time extension to address all the HOA complaints and to ensure all the residents are satisfied with our work.

Thank you in advance for your cooperation on this matter.

If you have any questions or require any additional information, feel free to contact me.

Regards,

  
Jun Homedia  
Cell: 561-410-0582  
jhomedia@johnsondavis.com



*Henry Construction • Underground Utilities*

Main office: 604 Hillbrath Drive- Lantana, FL 33462 • Phone: 561-588-1170 • Fax: 561-585-5252  
Ft. Pierce Office: 863 S. Kings Hwy- Ft. Pierce, FL 34945 • Phone: 772-468-9200 • Fax: 772-468-9202



15-013 PBC Looping Project

ID	Task Name	Duration	Start	Finish	% Complete	23													
						Feb	Mar	Qtr 2, 2023			Qtr 3, 2023			Qtr 4, 2023			Qtr 1, 2024		
4	WUD 15-013	344 days?	Mon 2/27/23	Thu 6/20/24	93%	[Gantt bar spanning from Feb 2023 to Jun 2024]													
5	Site 1 NORTH PORTION OF PROPOSED WORK	343 days	Mon 2/27/23	Wed 6/19/24	80%	[Gantt bar spanning from Feb 2023 to Jun 2024]													
6	Site 2 COMPLETED	15 days?	Tue 9/12/23	Mon 10/1/23	100%	[Gantt bar from Sep 2023 to Oct 2023]													
12	SITE 4 COMPLETED	15 days	Mon 3/13/23	Fri 3/31/23	100%	[Gantt bar from Mar 2023 to Apr 2023]													
15	Site 5 COMPLETED	90 days	Mon 5/8/23	Fri 9/8/23	100%	[Gantt bar from May 2023 to Sep 2023]													
22	Site 5AD COMPLETED	60 days	Mon 6/19/23	Fri 9/8/23	100%	[Gantt bar from Jun 2023 to Sep 2023]													
23	SITE 7 COMPLETED	12 days	Thu 4/13/23	Fri 4/28/23	100%	[Gantt bar from Apr 2023 to May 2023]													
26	Site 8 COMPLETED	21 days	Mon 5/1/23	Mon 5/29/23	100%	[Gantt bar from May 2023 to Jun 2023]													
32	SITE 9 COMPLETED	45 days	Wed 10/25/23	Tue 12/26/23	100%	[Gantt bar from Oct 2023 to Dec 2023]													
33	Site 10 COMPLETED	90 days	Mon 5/8/23	Fri 9/8/23	100%	[Gantt bar from May 2023 to Sep 2023]													
42	Site 13	260 days	Mon 9/18/23	Fri 9/13/24	100%	[Gantt bar from Sep 2023 to Sep 2024]													
43	PHASE 1 INSTALLATION	36 days	Mon 9/18/23	Thu 11/30/23	100%	[Gantt bar from Sep 2023 to Nov 2023]													
44	AS-BUILT	10 days	Fri 10/27/23	Thu 11/9/23	100%	[Gantt bar from Oct 2023 to Nov 2023]													
45	TIE-IN TO EXISTING	5 days	Fri 11/10/23	Thu 11/16/23	100%	[Gantt bar from Nov 2023 to Nov 2023]													
46	TRENCH RESTORATION	216 days	Fri 11/17/23	Fri 9/13/24	100%	[Gantt bar from Nov 2023 to Sep 2024]													
47	PRIVATE SIDE WATER SERVICE PIPE INSTALLATION THEN SWITH OVER	20 days	Fri 11/17/23	Thu 12/14/23	100%	[Gantt bar from Nov 2023 to Dec 2023]													
48	PHASE 2 INSTALLATION	20 days	Fri 11/17/23	Thu 12/14/23	100%	[Gantt bar from Nov 2023 to Dec 2023]													
49	AS-BUILT	10 days	Fri 12/15/23	Thu 12/28/23	100%	[Gantt bar from Dec 2023 to Jan 2024]													
50	TIE-IN TO EXISTING	5 days	Fri 12/29/23	Thu 1/4/24	100%	[Gantt bar from Dec 2023 to Jan 2024]													
51	TRENCH RESTORATION	20 days	Fri 1/5/24	Thu 2/1/24	100%	[Gantt bar from Jan 2024 to Jan 2024]													
52	PRIVATE SIDE WATER SERVICE PIPE INSTALLATION THEN SWITH OVER	25 days	Fri 1/5/24	Thu 2/8/24	100%	[Gantt bar from Jan 2024 to Feb 2024]													
53	PHASE 3 INSTALLATION	20 days	Fri 1/5/24	Thu 2/1/24	100%	[Gantt bar from Jan 2024 to Jan 2024]													
54	AS-BUILT	10 days	Fri 2/2/24	Thu 2/15/24	100%	[Gantt bar from Feb 2024 to Feb 2024]													
55	TIE-IN TO EXISTING	5 days	Fri 2/16/24	Thu 2/22/24	100%	[Gantt bar from Feb 2024 to Feb 2024]													
56	TRENCH RESTORATION	120 days	Fri 2/23/24	Thu 8/8/24	100%	[Gantt bar from Feb 2024 to Aug 2024]													
57	PRIVATE SIDE WATER SERVICE PIPE INSTALLATION THEN SWITH OVER	60 days	Fri 2/23/24	Thu 5/16/24	100%	[Gantt bar from Feb 2024 to May 2024]													
58	SOD RESTORATIONS	9 days	Fri 4/5/24	Wed 4/17/24	100%	[Gantt bar from Apr 2024 to Apr 2024]													
59	Site 14 COMPLETED	40 days	Mon 4/3/23	Fri 5/26/23	100%	[Gantt bar from Apr 2023 to May 2023]													
64	ORIGINAL SUBSTANTIAL COMPLETION DATE	1 day	Fri 11/24/23	Fri 11/24/23	100%	[Gantt bar at Nov 2023]													
77	118 DAYS EXTENSION	118 days	Fri 11/24/23	Wed 3/20/24	100%	[Gantt bar from Nov 2023 to Mar 2024]													
78	NEW SUBSTANTIAL COMPLETION DATE / PUNCH LIST WORK	66 days	Wed 3/20/24	Wed 6/19/24	100%	[Gantt bar from Mar 2024 to Jun 2024]													
79	90DAY EXTENSION	66 days	Wed 6/19/24	Wed 9/18/24	100%	[Gantt bar from Jun 2024 to Sep 2024]													
80																			
81	NEW FINAL COMPLETION DATE	1 day	Wed 9/18/24	Wed 9/18/24	100%	[Gantt bar at Sep 2024]													

Project: Project Schedule 1 Date: Fri 10/4/24	Task		Project Summary		Manual Task		Start-only		Deadline
	Split		Inactive Task		Duration-only		Finish-only		Progress
	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress
	Summary		Inactive Summary		Manual Summary		External Milestone		



**Palm Beach County  
Compliance Summary Report**

Vendor Number	Vendor Name	AM Best Rating	Insurance Carrier	Policy #	Eff. Date	Exp. Date	Coverage	Contract Number	Contract Name
DX00001745	Johnson-Davis Incorporated	Modified	Compliant					WUD 15-013	Water Main Improvements
		A , XV	Continental Casualty Company	7033968744	7/1/2024	7/1/2025	Auto Liability		
		A , XV	Continental Casualty Company	7033984636	7/1/2024	7/1/2025	Excess Liability		
		Ag , XV	National Fire Insurance Company of Hartford	7033967643	7/1/2024	7/1/2025	General Liability		
		Ag , XV	Aspen American Insurance Company	IM011FG24	7/1/2024	7/1/2025	Marine Liability		
		Ag , XV	Valley Forge Insurance Company	7033972535	7/1/2024	7/1/2025	Workers Comp		

**Risk Profile :** Standard - Construction Services  
**Required Additional Insured :** Palm Beach County Board of County Commissioners  
**Ownership Entity :**



INTEROFFICE COMMUNICATION  
PALM BEACH COUNTY

BUDGET AVAILABILITY STATEMENT  
CHANGE ORDERS AND CONSULTANT SERVICES AUTHORIZATION

DATE: November 14, 2024

TO: Brenda Znachko, Director  
Contract Development and Control

FROM: Guy Eggertsson, Fiscal Manager I  
Finance and Administration  
Water Utilities Department

RE: Water Main Improvements  
Johnson-Davis Incorporated  
WUD Project No. 15-013

Change Order No. 3

**FISCAL IMPACT ANALYSIS:**

Five Year Summary of Fiscal Impact:

	90	91	92	93	94
Capital Expenditures	\$0.00				
Operating Costs					
Days	90				

Is Item included in current budget? Yes  No

Budget Account Number:

Fund	Department	Unit	Object	Program	Period	Allocation
4011	721	W031	6543			\$0.00

Recommended Sources of Funds/Summary of Fiscal Impact:

WUD User Fees.



Department of State / Division of Corporations / Search Records / Search by Entity Name /

## Detail by Entity Name

Florida Profit Corporation

JOHNSON - DAVIS INCORPORATED

### Filing Information

**Document Number** 538772  
**FEI/EIN Number** 59-1753888  
**Date Filed** 07/06/1977  
**State** FL  
**Status** ACTIVE

### Principal Address

604 HILLBRATH DRIVE  
 LANTANA, FL 33462

Changed: 04/01/1986

### Mailing Address

604 HILLBRATH DRIVE  
 LANTANA, FL 33462

Changed: 04/01/1986

### Registered Agent Name & Address

JOHNSON, SCOTT J  
 604 HILLBRATH DRIVE  
 LANTANA, FL 33462

Name Changed: 03/20/1996

Address Changed: 12/18/2009

### Officer/Director Detail

#### **Name & Address**

Title P

JOHNSON, SCOTT J.  
 18843 SE JUPITER RIVER DR  
 JUPITER, FL 33458

Title TS

JOHNSON, CHRISTOPHER  
7541 BRIAR CLIFF CIR  
LAKE WORTH, FL 33467

Title VP

CRYER, WILLIAM  
170 RIVER DRIVE  
TEQUESTA, FL 33469

Title CHIEF FINANCIAL OFFICER

STANLEY, JOHN  
4110 NW 10TH STREET  
DELRAY BEACH, FL 33445

**Annual Reports**

<b>Report Year</b>	<b>Filed Date</b>
2022	01/05/2022
2023	01/04/2023
2024	01/12/2024

**Document Images**

<a href="#">01/12/2024 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/04/2023 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">10/27/2022 -- AMENDED ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/05/2022 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">11/09/2021 -- AMENDED ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">07/02/2021 -- AMENDED ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/13/2021 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">03/25/2020 -- AMENDED ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/07/2020 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/02/2019 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/05/2018 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/06/2017 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/14/2016 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/07/2015 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/03/2014 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/02/2013 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/04/2012 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">07/01/2011 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/04/2011 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/05/2010 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/08/2009 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/07/2008 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/10/2007 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/12/2006 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>

**Contract Review Committee**

- Change Order**       **Supplements**       **Final Payment**  
 **Work Authorization**       **CSA**

WUD Project #: 15-013

Name of Contract: Water Main Improvements

Contract Approval Date: 6/07/22

Contractor/Consultant: Johnson- Davis Incorporated

CSA/WA #: \_\_\_\_\_

Supplement #:

Change Order #: 3

Notice To Proceed (NTP) Date: 02/27/23

Contract Duration (Days): 300

Substantial Completion Date: 11/24/23

Final Completion Date: 12/24/23

Total Change Order Days Up to Date: 268

Current Substantial Completion Date: 05/20/24

Current Final Completion Date: 09/17/24

Contract Liquidated Damages: \$500  
\$250

Days:  
Amount \$:

Original SBE Participation Goal: 17.26 %

Actual SBE Participation: 10.75%

<u>Supplement # / Change #</u>	<u>Amount</u>	<u>Days</u>	<u>Approval Date</u>	<u>Approved By</u>
Change Order No 1	0	118	12/06/23	CRC
Change Order No 2	0	60	05/01/24	CRC
Change Order No 3	0	90	pending	CRC

CHANGE ORDER NO. 3  
Palm Beach County Water Utilities Department  
Water Treatment Plant No 2 Treatment and Disposal Improvements  
Design Package 2 – Deep Injection Well  
Resolution No. R2022-0119 Contract Dated February 08, 2022

**Project Title: Water Treatment Plant No 2 Treatment and Disposal Improvements Design Package 2 –Deep Injection Well**

**PBCWUD Project No.: 18-066R**

**Contractor: Youngquist Brothers, LLC**

**Address: 15465 Pine Ridge Road, Fort Myers, Florida 33908**

**Budget Line Item No.: 4011 - 721 – W002 - 6541**

**District: 3**

**Notice to Proceed: 06/06/22**

The Contract provides for 7.72% SBE participation, which includes 1.09% M/WBE participation, 1.09% WBE. This Change Order includes 0.00% overall participation which includes, 0.00% M/WBE participation, 0.00% WBE. The cumulative SBE participation, including this Change Order is 7.72%, which includes 1.09% M/WBE participation, 1.09% WBE.

**You are directed to make the following changes in this contract:**

3.1) 14 day time extension for short term injection testing.	\$0.00
3.2) 35 day time extension for design change to piping layout.	\$0.00
3.3) 11 day time extension for electrical conduit conflict.	\$0.00
3.4) 16 day time extension for loop check scheduling conflicts.	\$0.00
3.5) 42 day time extension for hurricane Ian impact to project.	\$0.00
<b>Total:</b>	<b>\$0.00</b>

All Attachments to this Change Order are made a part of this Change Order and incorporated herein.

---

NOT VALID UNTIL SIGNED BY BOTH OWNER AND ENGINEER. SIGNATURE OF THE CONTRACTOR INDICATES THEIR AGREEMENT HEREWITH INCLUDING ANY ADJUSTMENT IN THE CONTRACT SUM OR CONTRACT TIME, AND NO ADDITIONAL COST OR TIME INDICATED HEREIN WILL BE RELATED TO THIS CHANGE

---

The Original Contract Sum was.....	<b>\$15,749,876.00</b>
Net Change by previous Change Order.....	<b>\$9,405.83</b>
The Contract Sum prior to this Change Order was.....	<b>\$15,759,281.83</b>
The Contract Sum will be <del>increased/decreased</del> by this Change Order.....	<b>\$0.00</b>
The New Contract Sum indicating this Change Order will be.....	<b>\$15,759,281.83</b>
The Date of Substantial Completion prior to this Change Order was .....	<b>03/26/24</b>
The Date of Final Completion prior to this Change Order was .....	<b>05/25/24</b>
The Contract Time will be <del>increased/decreased</del> by.....	<b>118 Days</b>
The Date of Substantial Completion including this Change Order.....	<b>07/22/24</b>
The Date of Final Completion including this Change Order.....	<b>09/20/24</b>



CHANGE ORDER NO. 3  
 Palm Beach County Water Utilities Department  
 Water Treatment Plant No 2 Treatment and Disposal Improvements  
 Design Package 2 – Deep Injection Well  
 Resolution No. R2022-0119 Contract Dated February 08, 2022

Execution of this change order acknowledges final settlement of, and releases, all claims for costs and time associated, directly or indirectly, with the above stated modification(s), including all claims for cumulative delays or disruptions resulting from, caused by, or incident to such modification(s), and including any claim that the above stated modification(s) constitutes, in whole or part, a cardinal change to the contract.

Youngquist Brothers, LLC  
**CONTRACTOR**  
 15465 Pine Ridge Road  
 Fort Myers, FL 33908  
[Signature]  
**SIGNATURE**  
 Harvey Youngquist Jr.  
**PRINT NAME**

Kimley-Horn <sup>and</sup> ASSOCIATE, INC.  
**ENGINEER**  
 1920 WERNER WAY, STE 200  
 West Palm Beach, FL 33411  
[Signature]  
**SIGNATURE**  
 ANDRES CARPENTER  
**PRINT NAME**

Palm Beach County Contract Review Committee  
**OWNER**  
 301 N. Olive Avenue  
 West Palm Beach, FL 33401  
[Signature]  
**SIGNATURE**  
 M3  
 Brenda Znachko J.D., LL.M.  
**PRINT NAME**

LLC Manager  
**TITLE**  
 October 14, 2024  
**DATE**

Project manager  
**TITLE**  
 10/15/2024  
**DATE**

Director, Contract Development & Control  
**TITLE**  
 12/4/24  
**DATE**

STATE OF FLORIDA  
 COUNTY OF Lee

The foregoing instrument was acknowledged before me by means of  physical presence or  online notarization this 14th day of October, 2024 by Harvey Youngquist Jr. who is  personally known to me or  has produced \_\_\_\_\_ as identification.



Jean Henderson  
 Comm.: HH 356908  
 Expires: February 25, 2027  
 Notary Public - State of Florida

[Signature]  
 (Signature of Notary Public – State of Florida)

Jean Henderson  
 (Print, Type, or Stamp Commissioned Name of Notary Public)

CHANGE ORDER NO. 3  
Palm Beach County Water Utilities Department  
*Water Treatment Plant No 2 Treatment and Disposal Improvements*  
*Design Package 2*  
Resolution No. R2022-0119 Contract Dated February 08, 2022

**LIST OF ATTACHMENTS**

<b>ATTACHMENT A</b>	Change Order Summary and Categorization
<b>ATTACHMENT B</b>	Change Order Additions/Deletions Summary
<b>ATTACHMENT C</b>	OEBO Schedule 1 <del>and Schedule 2</del>
<b>ATTACHMENT D</b>	Location Map
<b>ATTACHMENT E</b>	<del>Bond Rider (if applicable)</del>
<b>ATTACHMENT F</b>	Supporting Documentation

Revised 03/05/2024

### ATTACHMENT A

#### CHANGE ORDER NO. 3 SUMMARY AND CATEGORIZATION

**Project Title: Water Treatment Plant No 2 Treatment and Disposal Improvements Design Package 2- Deep Injection Well**

**PBCWUD Project No.: 18-066R\_**

**Resolution No.: R2022-0119**

Item No.	C.O. Code	Scope of Work	Additions	(Deletions)	Net Change	Time
3.1	2	14 days time extension for short term injection testing	0.00		0.00	14
3.2	2	35 days time extension for design change to piping layout	0.00		0.00	35
3.3	2	11 days time extension for electrical conduit conflict	0.00		0.00	11
3.4	2	16 days time extension for loop check scheduling conflicts	0.00		0.00	16
3.5	2	42 days time extension for hurricane lan impact to project	0.00		0.00	42
Total			\$0.00		\$0.00	118

CHANGE ORDER CATEGORIZATION CODE

- 1) OWNER INITIATED
- 2) DIFFERING SITE CONDITIONS
- 3) ZONING/CODE/ORDINANCE CHANGES (REQUIREMENTS)
- 4) ERRORS/OMISSIONS IN DESIGN
- 5) QUANTITY OVERRUNS/UNDERRUNS
- 6) REQUEST BY ANOTHER AGENCY/OUTSIDE PARTY REIMBURSABLE
- 7) REQUEST BY ANOTHER AGENCY/OUTSIDE PARTY NON-REIMBURSABLE
- 8) OTHER [*PROVIDE JUSTIFICATION VIA MEMO OR SCOPE OF WORK*] \_\_\_\_\_

**ATTACHMENT B**

**CHANGE ORDER ADDITIONS/DELETIONS SUMMARY**

**Project Title:** Water Treatment Plant No 2 Treatment and Disposal Improvements Design Package 2- Deep Injection Well

**Contractor:** Youngquist Brothers, LLC

**PBCWUD Project No.:** 18-066R

**Resolution No.:** R2022-0119

**Date Approved:** 02/08/22 **Contract Amount:** \$15,749,876.00

**APPROVAL LIMITS:**

**Department Head**

**Contract Review Committee**

Amount/Days

Amount/Days

Individual C.O.  
Cumulative C.O.

\$50,000.00 - 30 Days  
\$250,000.00<sup>1</sup> - 30 Days

\$100,000.00 - 90 Days  
\$250,000.00<sup>1</sup> - 120 Days

C.O. NO.	DATE APPROVED	NET CHANGE <sup>2</sup>	DEPARTMENT HEAD (ADDS PLUS DEDUCTS) <sup>3</sup>		CONTRACT REVIEW COMMITTEE (ADDS PLUS DEDUCTS) <sup>3</sup>		TOTAL DEPT. HEAD & CONTRACT REVIEW COMM. (ADDS PLUS DEDUCTS) <sup>3</sup>		BOARD OF COUNTY COMMISSIONERS (ADDS PLUS DEDUCTS) <sup>3</sup>		TOTALS
			AMOUNT	DAYS	AMOUNT	DAYS	AMOUNT	DAYS	AMOUNT	DAYS	
1	2/21/24	9,405.83	0	0	9,405.83	86	9,405.83	86	0	0	9,405.83
2	3/11/24	0	0	0	0	33	0	33	0	0	0
3	pending	0	0	0	0	118	0	118	0	0	0
		9,405.83	0	0	9,405.83	237	9,405.83	237	0	0	\$9,405.83

**NOTES:**

1. Per PPM #CW-F-050, upon approval of the C.O. in the cumulative amount of \$250,000.00 or 5% of Contract Amount (> \$5 million), Receive and File must be submitted to the Board of County Commissioners to reset the dollar amount.
2. Net Change reflects the net amount of additions plus deductions.
3. Adds plus Deducts reflects the absolute value of unrelated changes for use in determining the approval authority for the Change Order.

**ATTACHMENT C**  
**OEBO SCHEDULE 1**

**OFFICE OF EQUAL BUSINESS OPPORTUNITY COMPLIANCE PROGRAMS**

**OEBO SCHEDULE 1**

SOLICITATION/PROJECT/BID NAME: Water Treatment Plant No. 2 Treatment and Disposal Improvements Design Package No. 2 - Deep Injection Well

SOLICITATION/PROJECT/BID NO.: 18-066R

SOLICITATION OPENING/SUBMITTAL DATE: July 1, 2021

COUNTY DEPARTMENT: Water Utilities Department

**Section A** PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT\* ON THE PROJECT:

NAME OF PRIME RESPONDENT/BIDDER: Youngquist Brothers, LLC

ADDRESS: 15465 Pine Ridge Road, Fort Myers, FL 33908

CONTACT PERSON: Harvey Youngquist Jr.

PHONE NO.: 239-489-4444

E-MAIL: Harvey@YoungquistBrothers.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$0.00

\*SMWBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.

Non-SBE  MBE  WBE  SBE

**Section B** PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS/SUBCONSULTANTS ON THE PROJECT BELOW:

Subcontractor/Sub consultant Name	(Check all Applicable Categories)				DOLLAR AMOUNT OR PERCENTAGE OF WORK					
	Non-SBE	MBE	WBE	SBE	Black	Hispanic	Women	Caucasian	Asian	Other
	Business	Minority Business	Women Business	Small Business						
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____

(Please use additional sheets if necessary)

Total \_\_\_\_\_

Total Bid/Offer Price \$ 0.00

Total Certified S/M/WBE Participation \$ 0.00

I hereby certify that the above information is accurate to the best of my knowledge:

  
Name & Authorized Signature

Harvey Youngquist Jr. Manager  
Title

- Note:
- The amount listed on this form for a Subcontractor/sub consultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
  - Only those firms certified by Palm Beach County at the time of solicitation due date are eligible to meet the established OEBO Affirmative Procurement Initiative (API). Please check the applicable box and list the dollar amount or percentage under the appropriate demographic category.
  - Modification of this form is not permitted and will be rejected upon submittal.
  - If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation.



If you have experienced or witnessed a violation of the EBO Ordinance or would like to file a complaint, please scan the QR Code

**ATTACHMENT C  
OEBO SCHEDULE 2**

**N/A**

**OFFICE OF EQUAL BUSINESS OPPORTUNITY COMPLIANCE PROGRAMS**

**Revised 03/05/2024**

**ATTACHMENT D**

**LOCATION MAP**

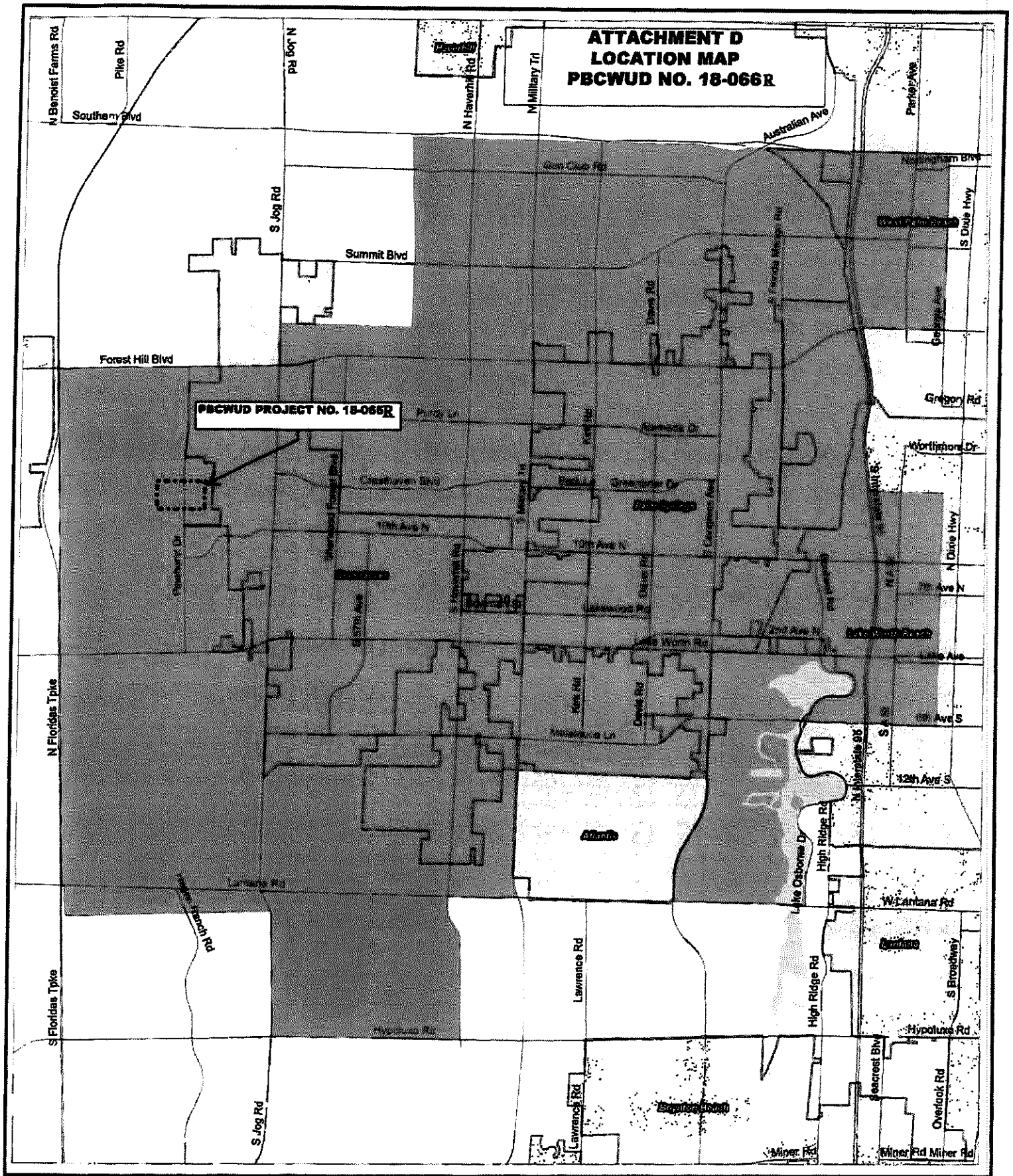
**PBCWUD Project No. 18-066R**

**Revised 03/05/2024**



**ATTACHMENT D  
LOCATION MAP  
PBCWUD NO. 18-066R**

**PBCWUD PROJECT NO. 18-066R**



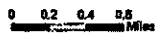
**PALM BEACH COUNTY  
PBCWUD PROJECT NO. 18-066R  
LOCATION MAP**



Municipalities



District 3



**Disclaimer:**

"Legal: Palm Beach County is providing this data "as is," and Palm Beach County disclaims any and all warranties, whether expressed or implied, including (without limitation) any implied warranties of merchantability or fitness for a particular purpose. In no event will Palm Beach County be liable to you or any third party for any direct, indirect, incidental, consequential, special, or exemplary damages or lost profits resulting from any use or misuse of this data."



**PALM BEACH COUNTY**  
GIS Service Bureau December 16, 2021

**ATTACHMENT E**

**BOND RIDER  
(IF APPLICABLE)**

**N/A  
/**

**Revised 12/20/2022**

**ATTACHMENT F**

**SUPPORTING DOCUMENTATION**

Revised 03/05/2024

**INTER-OFFICE COMMUNICATION**  
**Palm Beach County**  
**WATER UTILITIES DEPARTMENT**

**DATE:** August 16, 2024

**TO:** File

**FROM:** Joseph Tanacredi P.E.



**RE:** Change Order No 3, WUD 18-066R

Water Treatment Plant No 2 Treatment and Disposal Improvements Design  
Package 2.

Contractor requested additional 118 days as outlined in the engineers letter, in the attached documents.

# Kimley»»Horn

October 7, 2024

Matt Young  
Youngquist Brothers, LLC  
15465 Pine Ridge Road  
Fort Myers, FL 33908

**RE: YB# 022-10-075 & PBCWUD WUD 18-066R Water Treatment Plant No. 2 Treatment and Disposal Improvements Design Package 2 – Deep Injection Well – Request for Time Extension – October 3, 2024**

Dear Mr. Young,

This letter serves as a response to email correspondence Re: **YB# 022-10-075 & PBCWUD WUD 18-066R Water Treatment Plant No. 2 Treatment and Disposal Improvements Design Package 2 – Deep Injection Well – Request for Time Extension**, dated September 12, 2024. Youngquist Brothers, LLC (YB) has requested for contract time extension for the following reasons:

1. Deep Injection Well (DIW) short-term injection testing – mutually agreed two-week delay due to conflicting holiday schedules, pump-related issues, and intermittent access to the wash water recovery basin. **(14 days)**
2. Changes in design related to the piping layout for the centrifugal pump on the monitor well which led to redesign and procurement of additional material. The impact of the piping layout revision was not considered for in Change Order No. 2: Pump Selection. **(35 days)**
3. While performing work on the duct bank associated with the DIW RIO panel, Edwards Electric (EEC) encountered an issue whereby another Contractor had to shift their work approximately 30-feet which cause EEC to have to alter the work they performed. **(11 days)**
4. Schedule coordination between Youngquist Brothers, Edwards Electric, CC Controls, Kimley-Horn, Hillers and Palm Beach County for PLC and SCADA programming, screen testing and loop checks was delayed due to multiple schedule conflicts encountered between all parties involved. **(16 days)**
5. Youngquist Brothers also suffered significant impacts from Hurricane Ian. While activity NCON-1000 shows a 2-day delay related to this storm, that activity strictly aligned with onsite storm preparation. What the activity does not address, however, is the extent to which Youngquist Brothers was unable to properly support the project because of damage to their headquarters and being displaced from their office because of this Force Majeure event. Post storm conditions made it increasingly difficult to obtain and distribute the necessary supplies and equipment to the project and are difficult to quantify as it relates to the total number of impacted days. What can be quantified, though, is from October 14, 2022 through January 20, 2023 (66 days) Youngquist Brothers was operating mainly out of a temporary office trailer while their main office underwent major renovations as a result of the flood damage. **(66 days)**

The total amount of the delay claimed by YB, is believed to be 142 days, based on the factors presented by YB above and the in the attached letter. However, in order for YB to meet substantial completion, only 118 days is required. It is believed that the above factors presented by YB justifies the additional

kimley-horn.com

1920 Wekiva Way West Palm Beach FL 33411

561.845.0665

time of the requested **118 days**, as there is sufficient supporting documentation to validate all factors described within this claim.

If you have any questions, please don't hesitate to reach out at your earliest convenience.

Sincerely,

*Andrea Carpenter*

Andrea Carpenter

cc:

Krystin Berntsen, P.E., PMP (PBCWUD)

Jie "Jane" House, P.E., LEED AP (PBCWUD)

Joseph Tanacredi, P.E. (PBCWUD)

Jackie Michels, P.E. (PBCWUD)

Evan Ghidella, E.I. (KHA)



**Youngquist Brothers, LLC**  
15465 Pine Ridge Road  
Fort Myers, FL 33908  
Phone (239) 489-4444

October 3, 2024

Andrea Carpenter, P.E.  
Kimley-Horn  
1920 Wekiva Way, Suite 200  
West Palm Beach, FL 33411

**Subject:** YB # 022-10-075 & PBC WUD 18-066R Water Treatment Plant No. 2 Treatment and Disposal Improvements Design Package 2 - Deep Injection Well

**RE:** Request for Time Extension

Ms. Carpenter,

As you're aware, coordination and design changes on this project have caused several delays which have contributed to the project being behind schedule. These delays include:

- While preparing for injection testing in December 2023, Youngquist Brothers (YB - Contractor) experienced 14 days of delays due to conflicting holiday schedules, pump-related issues, and intermittent access to the basin for water storage. Youngquist Brothers worked with the County and Kimley-Horn on a mutually agreeable schedule that resulted in a 14-day delay (12/12/23-12/23/23, 12/26/23-12/29/23) to completion of the injection testing activity.
- As a result of downhole conditions identified during well construction, changes in design to the pump and piping layout were required. The change from a submersible pump to a centrifugal pump on the Monitor Well involved a procurement delay, which was captured under a previous change order. However, what was not captured at the time of that change order was the cascading effect this change had on related items. Switching pump types resulted in changes to piping layout, connection points, sample port location and the route of the tubing. The work required to redesign, procure materials, and then install the redesigned work was significant. Time to procure additional materials caused a 21-day delay (12/29/23-1/19/24), and the extra work required to install/implement the changes caused a 14-day delay (3/29/24-4/12/24). This was a collaborative effort between YB, Kimley-Horn and the County, where all parties worked to help mitigate any further delays.
- While performing work on the duct bank, Edwards Electric (EEC) encountered an issue whereby another contractor had shifted their work approximately 30' which caused EEC to have to alter the work they were performing. This caused an 11-day delay (3/11/24-3/22/24) to the project.
- Coordinating schedules between Youngquist Brothers, Edwards Electric, CC Controls, Kimley-Horn, Hillers, Hillers' subcontractor, and Palm Beach County for PLC and SCADA programming, screen testing and loop checks was delayed due to multiple scheduling conflicts encountered between the parties involved. A 16-day delay (6/30/24-7/16/24) is noted on the schedule.
- Youngquist Brothers also suffered significant impacts from Hurricane Ian. While activity NCON-1000 shows a 2-day delay related to this storm, that activity strictly aligned with onsite storm preparation. What the activity does not address, however, is the extent to which



**Youngquist Brothers, LLC**  
15465 Pine Ridge Road  
Fort Myers, FL 33908  
Phone (239) 489-4444

Youngquist Brothers was unable to properly support the project because of damage to their headquarters and being displaced from their office because of this Force Majeure event. Post-storm conditions made it increasingly difficult to obtain and distribute the necessary supplies and equipment to the project and are difficult to quantify as it relates to the total number of impacted days. Youngquist Brothers firmly believes the effects of this storm on their operations extend far beyond what can be shown in the project schedule. For example, it is difficult to document the effects of being displaced from your office and having to work from an office trailer for over 3 months. However, YB has identified several delays that were the result of supply chain, labor and trucking availability issues related to the hurricane. The 66 days of delay can be found on page 3 of the following schedule. Various images from Youngquist Brothers employees are attached for reference.

Based on the reasoning above and the attached schedule, Youngquist Brothers has identified 142 days of documented delay. However, a time extension of **118 calendar days** should be sufficient to bring this project to a close. The revised Substantial Completion date would be July 22, 2024, and the Final Completion date would be September 20, 2024.

Youngquist Brothers understands the importance of this project and appreciates the team's efforts in reviewing and approving this request.

Should there be any questions, please contact our office.

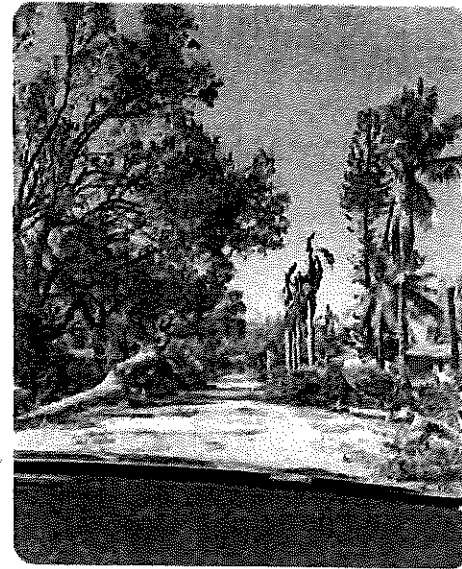
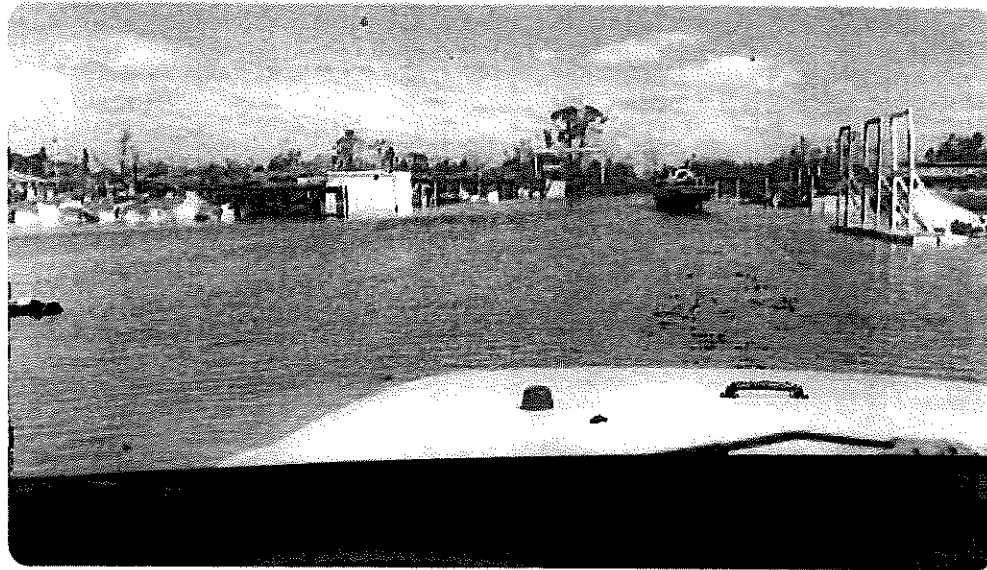
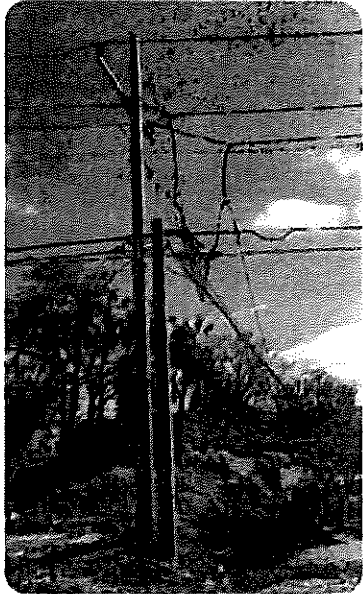
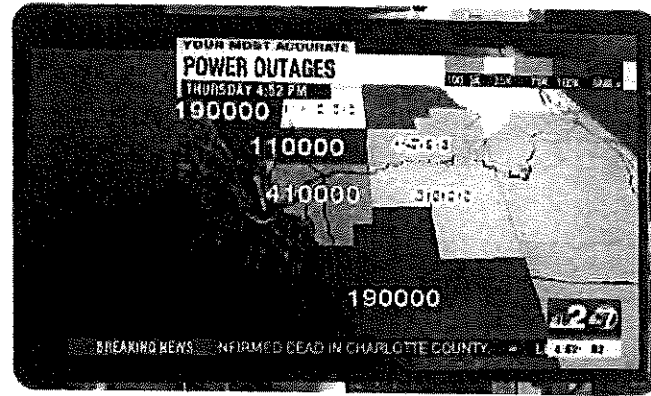
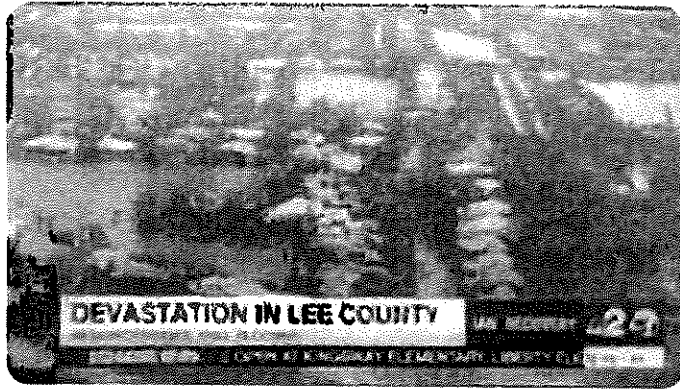
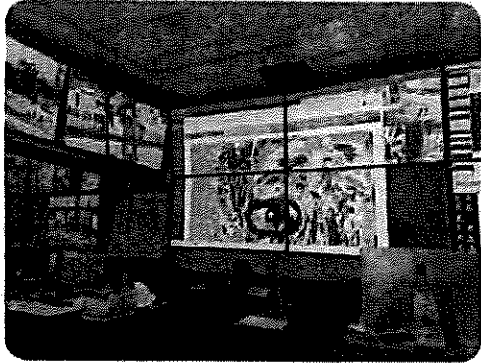
Respectfully,

**Matthew Young**

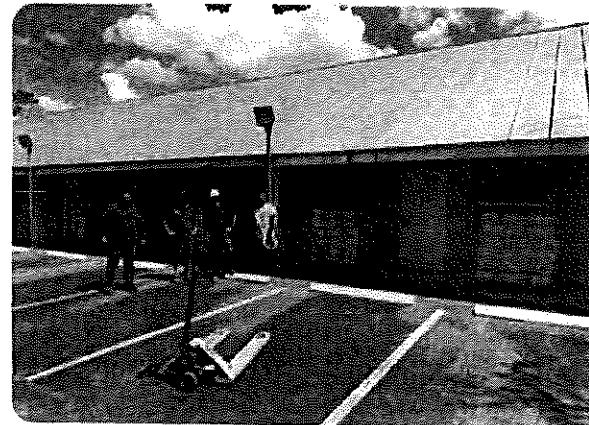
Digitally signed by Matthew Young  
DN: cn=Matthew Young, o=Youngquist  
Brothers, LLC, ou,  
email=Matt@YoungquistBrothers.com, c=US  
Date: 2024.10.03 14:10:32 -04'00'

Matt Young  
Contract Administrator  
Youngquist Brothers, LLC  
Matt@YoungquistBrothers.com





**YOUNGQUIST**  
PROPERTY SERVICES  
**Hurricane Ian 2022**















# Kimley»Horn

June 15, 2023

Jie "Jane" House, P.E. LEED AP  
Director of Engineering  
Palm Beach County Water Utilities Department  
8100 Forest Hill Blvd  
West Palm Beach, FL 33413

**RE: Contract for Consulting/Professional Services  
Water Treatment Plant #2 Treatment and Disposal Improvements  
Project No. WUD 17-065 (R2018-1385) and 18-066 (R2022-1373)**

Dear Ms. House,

I, Kevin Schanen, as Senior Vice President of Kimley-Horn and Associates, Inc., certify to Palm Beach County Water Utilities Department that the following individuals have authority to sign various design and/or engineering services during construction related documents, including but not limited to, payment applications, consultant invoices, all OEBO Schedule forms, contractor payment applications, contractor change order requests, project certifications and all similar documents necessary to perform our scope of services for the projects assigned under the above-referenced Contract for Consulting/Professional Services between Palm Beach County and Kimley-Horn and Associates, Inc.

Mark Miller, P.E.  
Kaitlin Townsend, P.E.  
Andrea Carpenter, P.E.  
Nick Black, P.E.  
Evan Ghidella, E.I.

Should you have any questions, please contact me at (561) 840-0820. Thank you.

Very truly yours,

DocuSigned by:  
 6/21/2023

Kevin M. Schanen, P.E.  
Senior Vice President



## Contract Review Committee

**Change Order**       **Supplements**       **Final Payment**  
 **Work Authorization**       **CSA**

WUD Project #: 18-066

Name of Contract: Water Treatment Plant No. 2 Treatment and Disposal Improvements Design Package 2. Deep Injection Well.

Contract Approval Date: 02/08/22

Contractor/Consultant: Youngquist Brothers, LLC

CSAWA #: N/A

Supplement #: N/A

Change Order #: three (3)

Notice To Proceed (NTP) Date: 06/06/22

Contract Duration (Days):

540 days to substantial completion

30 days from substantial completion to final

Substantial Completion Date: 11/28/23

Final Completion Date: 01/27/24

Total Change Order Days Up to Date: 119 days

Current Substantial Completion Date: 7/22/24

Current Final Completion Date: 9/20/24

Contract Liquidated Damages:

1,000 per day up to substantial completion

\$500 per day up to final completion

Days: N/A

Amount \$: N/A

Original SBE Participation Goal: 7.72%

Actual SBE Participation Goal: 2.93%

<u>Supplement # / Change #</u>	<u>Amount</u>	<u>Days</u>	<u>Approval Date</u>	<u>Approved By</u>
Change Order No 1	\$9,405.83	83	2/21/24	CRC
Change Order No 2	0	33	3/01/24	CRC
Change Order No 3	0	118	pending	CRC



**Palm Beach County  
Compliance Summary Report**

Vendor Number	Vendor Name	AM Best Rating	Insurance Carrier	Policy #	Eff. Date	Exp. Date	Coverage	Contract Number	Contract Name
DX00001921	Youngquist Brothers, LLC	Modified	Compliant					18-066R	Water Treatment Plant No. 2 Treatment and Disposal Improvements Design Package No. 2 - Deep Injection Well
		Ag , XV	The Continental Insurance Company	BUA7040179892	11/1/2024	11/1/2025	Auto Liability		
		Ag , XV	The Continental Insurance Company	CUE7040179911	11/1/2024	11/1/2025	Excess Liability		
		Ag , XV	The Continental Insurance Company	GL7040179908	11/1/2024	11/1/2025	General Liability		
		A++ , XV	Safety National Casualty Corporation	SP4067437	11/1/2024	11/1/2025	Workers Comp		

**Risk Profile :** Standard - Construction Services

**Required Additional Insured :** Palm Beach County Board of County Commissioners

**Ownership Entity :**



INTEROFFICE COMMUNICATION  
PALM BEACH COUNTY

BUDGET AVAILABILITY STATEMENT  
CHANGE ORDERS AND CONSULTANT SERVICES AUTHORIZATION

DATE: November 19, 2024

TO: Brenda Znachko, Director  
Contract Development and Control

FROM: Guy Eggertsson, Fiscal Manager I  
Finance and Administration  
Water Utilities Department

RE: Water Treatment Plant No.2 Treatment And Disposal Improvements  
Youngquist Brothers, L.L.C.  
WUD Project No. 18-066

Change Order No. 3

**FISCAL IMPACT ANALYSIS:**

Five Year Summary of Fiscal Impact:

	2025	2026	2027	2028	2029
Capital Expenditures	\$0.00				
Operating Costs					
Days	118				

Is Item included in current budget? Yes  No

Budget Account Number:

Fund	Department	Unit	Object	Program	Period	Allocation
4011	721	W002	6541			\$0.00

Recommended Sources of Funds/Summary of Fiscal Impact:

WUD User Fees.

# ATTACHMENT NO. 3



EGR Application  
RAN-01080

+ Follow    Run Evaluation    New Note    New Contact ▾

**DETAILS**    RELATED

State Agency	Anticipated Date of Application Close of
Florida Department of Environmental Protection	9/1/2024
State Program	Primary Project Type
Resilient Florida	Project Implementation
Disaster Number/Year	Planning or Capacity/Capability Building
2024	
Critical Infrastructure confidential? ⓘ	Project Implementation
Yes	Flood Risk Reduction, Regional
Is project located in Coastal Zone?	New Construction, Relocate, Demolition
No	
SLIP Study Required?	Retrofit
No	
Local Project Phase	Project Type Other/Misc. Description
Pre-construction (Design, Permitting, etc.)	
Source of Match	DEP Application Manager
Local funds	<a href="#">Eddy Bouza (/grants/s/detail/0035G00002BGPNhOAP)</a>
Funding Mechanism ⓘ	
Disadvantage Small Community, NO Match is required.	
Estimated Project Duration	
36 Months	

▾ Applicant Information

Grant Funding Type ⓘ	Status ⓘ
Funding for Resilient Florida – Infrastructure Grants	Submitted
Applicant Account ⓘ	Applicant Contact ⓘ
<a href="#">Palm Beach County Water Utilites (/grants/s/detail/0015G0000220A7SOAU)</a>	
Applicant Authorized Signee ⓘ	Applicant Fiscal Agent ⓘ
<a href="#">Ali Bayat (/grants/s/detail/003UW00000DruhfYAB)</a>	<a href="#">Ebony Bruton (/grants/s/detail/0035G000029Ij30QAC)</a>
Regional Resilience Entity Account ⓘ	Applicant Grant Manager ⓘ
	<a href="#">Jane House (/grants/s/detail/0035G00003BahLuQAJ)</a>

▾ Project Information

RPG Project Type ⓘ	Project Title ⓘ
	Western Region Wastewater Treatment Facility (WRWWTF) Phase 2-Electrical Building Resiliency Improvements
Entity Category ⓘ	Project Location ⓘ
County, Municipality, or Authorized Special District Addressing Risks of Flooding or Sea Level Rise Identified in a Vulnerability Assessment	
Resilient Florida Grant Program Types ⓘ	Project Geo Location Narrative ⓘ
Emergency Facilities;Wastewater Infrastructure	Project is located in the city of Belle Glade, address is 2055 W Canal St S, Belle Glade, FL, 33430
List the City(ies)/ Town(s)/Village(s) ⓘ	State Lands Lease Agreement No. ⓘ
City of Belle Glade	
State Lands or State Parks Utilized ⓘ	Project Geo Location ⓘ
No	26.69496, -80.6894
Area Served ⓘ	Project Geo Location Metadata ⓘ
Palm Beach	
Sponsor City/County ⓘ	Percent of Population ⓘ

Palm Beach	
Total Population <b>1</b>	Total Grant Match Amount <b>1</b>
	\$0
Prior Vulnerability <b>1</b>	Total Grant Funding Amount Requested <b>1</b>
	\$20,000,000
Prior Vulnerability Share <b>1</b>	Prior Vulnerability Entities <b>1</b>
Project Critical Assets <b>1</b>	Funding for Regional Resilience <b>1</b>

▼ General Information

Project Need **1**

WRWWTF also called Belle Glade Plant is the sole critical facility treating wastewater for City of Belle Glade, City of South Bay and parts of unincorporated Palm Beach County. The facility was built in 1970s and is experiencing compound flooding, structure settlement and groundwater infiltration. The proposed project will build and elevate major electrical components to an elevation 19' and bury power lines underground to achieve abundant resiliency for plant operation and maintenance even during disasters and major storms. All new critical assets will be constructed on elevated concrete slabs to mitigate existing erosion and settlement. Please see the attached document "PBCWUD\_WRWWTF\_Scope" for details.

Project Fit

The primary purpose of operating a wastewater treatment facility is to preserve the environment and protect the health of the community. Section 380.093 (2) (a)2., Florida Statutes, RESILIENT FLORIDA GRANT PROGRAM provides definitions of critical assets, which includes "Critical Infrastructure, including wastewater treatment facilities and lift stations..."

Further, 380.093(3)(b), Florida Statutes, indicates that "Subject to appropriation, the department may provide grants to a...municipality to fund the cost of ... the development of projects...that allow communities to prepare for threats from flooding...; and projects to adapt critical assets to the effects of flooding..."

The electrical building resiliency improvement at WRWWTF, which is a critical asset-as defined by statute, will allow City of Belle Glade, City of South Bay and Palm Beach County to be prepared for threats from compound flooding and climate change. Elevating critical structures will provide resilient solution for years to extreme weather conditions such as hurricanes and major storms. It ensures that the plant will provide reliable wastewater treatment service during flooding events, hurricane season and even accidental power shortage scenarios.

Flood risk in VA

Yes

Flood risk in VA explanation **1**

This project will reduce risk of flooding to critical infrastructure by elevating critical assets, see the attached document "PBCWUD\_WRWWTF\_Tier 1 VA Risk" completed in August 2024 compliant to 380.093 FS. Page 4 Executive Summary states that this report is compliant with the state law (Section 380.093 Florida Statue), contributing to Florida's statewide data collection efforts and maintaining eligibility for infrastructure funding through the Resilient Florida. Page 6 identified specific assets vulnerable to flooding. This project "Western Region Wastewater Treatment Facility" is one of the assets. Page 78, this asset was mentioned again, and its risks were discussed. Page 82, this project facility is listed in section 6.4 "Critical Infrastructure" -Table 6-4.

Compound flood risk in VA

Yes

Compound flood risk explanation **1**

Yes, the project reduces risk of compound flooding. Please see the attachment document "PBCWUD\_WRWWTF\_Tier 1 Compound Flooding". The report analyzed the possible flooding risks related with project facility WRWWTF. This facility is vulnerable to compound flooding from three processes. One is from pluvial (rainfall-induced flooding), another one is from fluvial from possible dike breach from Lake Okeechobee and the last one is infiltration and inflow from high groundwater.

Regionally significant asset


Yes

Regionally significant asset explanation


Yes, the project reduces risk to a regionally significant asset. Per 380.093(2)(d), WRWWTF (also called Belle Glade Wastewater Treatment Plant) is a critical regional utilities asset for Western Palm Beach County area. It services the needs of wastewater treatment from the whole City of Belle Glade, City of South Bay and parts of unincorporated Palm Beach County. WRWWTF is a critical regional utility that supports the daily needs of 3 communities (City of Belle Glade, City of South Bay and Palm Beach County) spanning multiple geopolitical jurisdictions in Western Palm Beach County. Completion of this project will enhance the wastewater treatment services to be provided throughout the region during major storms and flooding events.


Percent CA Vulnerable 80% or more	✍	Percent CA vulnerable explanation ❶ WRWWTF is the ONLY wastewater treatment plant serving daily sewer needs of City of Belle Glade, City of South Bay and parts of unincorporated Palm Beach County. Under a scenario where there is a problem/failure at WRWWTF and the wastewater cannot be properly transported or treated, a total of 56 critical assets in the project impact area (100%) will be vulnerable to sewer flooding induced by rainfall events. Here is the list of critical assets in the project impact area: 16 lift stations, 2 local government buildings (Belle Glade City Hall and South Bay City Hall), 18 schools and childcare centers (Belle Glade Elementary and etc.), 1 library (Belle Glade Library), 1 Medical Facility (Belle Glade Dialysis Center), 1 fire station (Palm Beach County Fire Station #73), 1 wastewater treatment plant (WRWWTF), 6 mobile homes, 2 public low income housing, 1 assisted living, 1 local law enforcement, 6 shelters. See the attached document "PBCWUD_WRWWTF_Tier 1 Percentage of Critical Assets".	✍
Existing flood mitigation project Yes, by incorporating BOTH new or enhanced structure AND natural system restoration and revegetation	✍	Existing flood mitigation project expln PBCWUD has been implementing flood mitigation projects in WRWWTF such as plant hardening, inflow and infiltration study, operation building replacement and etc. This project is phase 2, after phase 1 operation building replacement, is to continue improving wastewater treatment plant layout to reduce potential upland damage cost (loss of power, asset damage and public health issue) from rising floodwaters. The proposed project will contribute to this regional resiliency effort. New and enhance structures: This project will have new elevated electrical building, new elevated stormproof generator and underground powerlines. Restoration and Revegetation: Revegetation will occur at disturbed areas with native vegetation. The existing electrical/admin building will be demolished, and a rain garden will be built there to restore the natural system to absorb stormwater runoff. Front retention pond will also be restored with native plants. Bioswales will be installed.	✍
Flood frequency Has been flooded at least 3 times in the last 5 years or is experiencing ongoing erosion	✍	Flood frequency explanation ❶ Project impact areas are City of Belle Glade and City of South Bay. City of Belle Glade has flooded more than 3 times in the last 5 years. Please see the attached documentation "PBCWUD_WRWWTF_Tier 2 Flooding frequency". In the past 5 year (2019-2024), flooding evidence from 2020, 2021 and 2023 flooding survey (multiple floodings in last 3 years) were attached. All documents were provided by City of Belle Glade Public Work Department. 2017 Hurricane Irma flooded City of Belle Glade and its flooding photo was obtained from local news "The Daily Signal".	✍
Current flood severity Flooding greater than 3 inches in last 3 years or has ever experienced unmitigated erosion	✍	Flood severity explanation ❶ Project impact areas City of Belle Glade and City of South Bay have experienced flooding greater than 3 inches in the last three years.	✍
Project design status ❶ Partially designed or site-specific environmental or geotechnical reports have been completed	✍	Project design status explanation Please see the attached document "PBCWUD_WRWWTF_Tier 2 Design Status_Geotechnical and Survey Reports". Both geotechnical and survey reports for the site WRWWTF were completed in March 2024.	✍
Permit & easement status Necessary permits and easements have been identified	✍	Permit & easement status explanation FDEP Permit (Minor modification) City of Belle Glade Building Permit No easement is required.	✍
Local cost share available Yes	✍	Local cost share available explanation The project is located in the City of Belle Glade and assists daily wastewater treatment needs for both City of Belle Glade and City of South Bay. Belle Glade and South Bay are both financially disadvantaged small communities as defined in 380.093 (5) (e) FS. Please see the attached documents regarding local funding. City of South Bay: The most recent April 1 population estimate shows City of South Bay has 4,958 people, which is lower than the threshold 10,000 set in the FS. For per capita annual income, South Bay has \$9,350 and state of Florida has \$38,850. For per capita annual income, South Bay is lower than state as required in the FS. City of Belle Glade: Per capita annual income is \$20,588, about 53% of the state's per capita annual income. It is less than 75% as required in the FS.	✍
Habitat enhancement or NBS Yes	✍	Habitat enhancement or NBS explanation This project will aquascape the front retention pond using native plants, Insect larvae, snails and freshwater shrimp thrive in plant beds which make them havens for wildlife and birds such as sandhill cranes, anhinga, little blue heron, roseate spoonbill, kingfisher and much more. The existing admin building will be demolished, and a new rain garden will be built there to capture rainwater runoff. In addition, bioswales will be used to increase drainage efficiency. All these nature-based solutions will increase stormwater storage during severe rainfall events, improve water quality by absorbing nutrients and pollutants and they also enhance our environmental natural habitat for wildlife, birds, insects, fish, turtle and many more.	✍
Critical habitat No	✍	Critical habitat explanation	✍


Cost effective Yes	✍	Cost effective explanation Please see the attachment document "PBCWUD_WRWWTf_Tier 2 Cost Effectiveness Analysis". Two alternatives were analyzed. Alternative 1 "Do Nothing" will have a potential \$193M damage assuming only 1 failure in the plant's expected life span. The consequence of "Do Nothing" is almost 10 times of this project cost. Alternative 2 is to interconnect North (WRNWWTF) and South (WRWWTF). This alternative can achieve the same flood protection proposed by this project however it was rejected because of its extremely high price at \$142.5M. The proposed project is the most-cost-effective option to achieve maximum flood resiliency.	✍
Cost share available The project is in a financially disadvantaged small community and cost share is not required	✍	Cost share available explanation	✍
Previous state funding Construction (previous phases)	✍	Previous state funding explanation Please see the attached "PBCWUD_WRWWTf_Tier 3 previous state funding_22FRP71". Award Agency: Resilient Florida Program by FDEP. Agreement #: 22FRP71. Agreement execution date: 03/13/2023. The awarded funding is to implement construction for WRWWTF Phase 1-Operation Building Replacement. WRWWTF resiliency improvement program is to improve and elevate critical assets inside the plant to achieve maximum flood resistance. Phase 1-Operation Building, Phase 2-Electrical Building.	✍
Exceeds FBC/local floodplain regs Yes	✍	Exceeds FBC/local floodplain regs expln The design will exceed both Florida Building Code flood-resistant requirements and local floodplain management regulations. Please see the attached document "PBCWUD_WRWWTf_Tier 3 Design Above Code".	✍
Innovative tech Yes	✍	Innovative tech explanation Please see attached document "PBCWUD_WRWWTf_Tier 4 Innovative Technology". This project will consider using cutting-edge technology to reduce cost and provide regional collaboration.	✍
Community financially disadvantaged Yes	✍	Comm financially disadvantaged expln The project impact area is City of Belle Glade and City of South Bay. City of South Bay is a financially disadvantaged small community as defined in 380.093(5)(e), FS. The most recent April 1 population estimate shows City of South Bay has 4,958 people, which is lower than the threshold 10,000 set in the FS. For per capita annual income, South Bay has \$9,350 and state of Florida has \$38,850. For per capita annual income, South Bay is lower than state as required in the FS. Additionally, the median income for City of Belle Glade is \$ 42,314 and 32.5% people are living below the poverty line. Belle Glade is at disadvantage when compared to the state of Florida where the median household income is \$67,917 and 12.7% people living below the poverty line. In addition, Belle Glade and South Bay are defined rural area of opportunity which has been adversely affected by extraordinary economic events or natural disasters. Please see the attached document starting with "PBCWUD_WRWWTf_Tier 4".	✍
GI Benefit Spring No	✍	GI Benefit Spring Explanation	✍
GI Protect Water Sources No	✍	GI Protect Water Sources Explanation	✍
GI Facilities Waste Treatment Yes	✍	GI Facilities Waste Treatment Explanatio This project is a wastewater treatment plant upgrade project. The major project components include: 1) a new emergency generator on elevated pad of elevation 19'; 2) a new electrical building -finished floor elevation 19' and with new switchgear and motor control centers; 3) a restored rain garden on demolished admin building site; 4) buried underground power line and 5) various storm water improvements such as bio-swales, retention pond using native plants, vegetated berms and large canopy trees to reduce rainwater runoff.	✍
GI Convert Septic To Sewer No	✍	GI Convert Septic To Sewer Explanation	✍
GI Green Stormwater Infrastructure Yes	✍	GI Green Stormwater Infrastrure Expl This project will include rain garden, dry retention pond with native plants, bioswales and vegetated berms.	✍
GI Applied Other Programs No	✍	GI Applied Other Programs Explanation	✍
GI Community Population 42,467	✍		✍
<b>Information</b>			
GI Critical Assets Served		Amount of Funds Awarded	✍


GI Critical Assets Served Explanation 

Amount of Funds Requested 

Permitting 


Lands, Easements, Rights of Way 


FDEP Permit (Minor modification of wastewater treatment plant) 


All project construction will be constructed in the plant, owned by PBCWUD. 


City of Belle Glade Building Permit

Project Follow Up 


Metric Assigned 


Square feet of building protected 

Statewide Flooding and Sea Level Rise 

Metric Value 

1,000.00 

Metric Value Units 

Square Feet 


### Additional Funding

Additional Function Applicant Entity


[\(https://fdep.my.site.com/grants/\)](https://fdep.my.site.com/grants/)


Additional Funding Current Grant Number

[\(https://fdep.my.site.com/grants/\)](https://fdep.my.site.com/grants/)


Additional Funding Current Grant 

Additional Funding Request 


Additional Match Secured 

Additional Funding Request Justification 

### Project Work Plan

Project Summary 


This project is a wastewater treatment plant upgrade project. The major project components include: 1) a new emergency generator on elevated pad of elevation 19'; 2) a new electrical building -finished floor elevation 19' and with new switchgear and motor control centers; 3) a restored rain garden on demolished admin building site; 4) buried underground power line and 5) various storm water improvements such as bio-swales, retention pond using native plants, vegetated berms and large canopy trees to reduce rainwater runoff.


Project Description 

WRWWTF was built in 1973 and it is the only wastewater treatment plant serving City of Belle Glade, and City of South Bay. To address the ongoing compound flooding from sewer floods, rainfall and infiltration/inflow from groundwater, this plant needs significant improvements to maintain reliable service and allow the facility to remain open and run in full capacity during major storm events. The proposed project will install elevated new structures, implement innovative technology and use nature-based solution to ensure this resiliency goal is achieved.


### Project Need and Benefit


Project Feasibility 


Project Vulnerability 

Vulnerability Assessment include State 


### Budget

Budget Narrative 


Work Performed by 

Indirect Percent 

### Signature

Authorized Signers Signature 


Ali Bayat 

Certification Agreement 

### System Information

Created By


 [Jane House \(/grants/s/profile/0055G00000BCTr3QAH\)](#), 6/27/2024 10:25 AM

Preparer Type 

Applicant

Last Modified By


 [Jane House \(/grants/s/profile/0055G00000BCTr3QAH\)](#), 8/29/2024 2:44 PM

Preparer Account 

[Palm Beach County Water Utilities \(/grants/s/detail/0015G0000220A7SQAU\)](#) 

Owner


 [Jane House \(/grants/s/profile/0055G00000BCTr3QAH\)](#) 

Preparer Contact 

[Jane House \(/grants/s/detail/0035G00003BahLuQA\)](#) 

EGR Application Name

RAN-01080

Preparer User 

 [Jane House \(/grants/s/profile/0055G00000BCTr3QAH\)](#) 

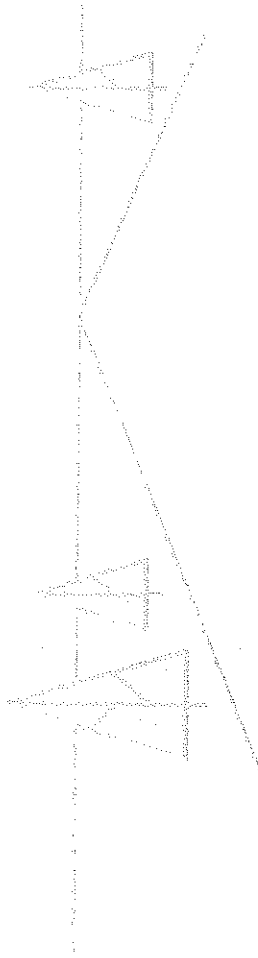


Share an update...

Share



Search this feed...



### Collaborate here!

Here's where you start talking with your colleagues about this record.

Florida Department of Environmental Protection  
3900 Commonwealth Blvd.  
Tallahassee, FL 32399-3000

# ATTACHMENT NO. 4

EGR Application  
RAN-01078

+ Follow    Run Evaluation    New Note    New Contact ▾

DETAILS    RELATED

State Agency	Florida Department of Environmental Protection	Anticipated Date of Application Close of	9/1/2024
State Program	Resilient Florida	Primary Project Type	Project Implementation
Disaster Number/Year	2024	Planning or Capacity/Capability Building	Project Implementation
Critical infrastructure confidential?	Yes	Flood Risk Reduction, Regional	New Construction, Relocate, Demolition
Is project located in Coastal Zone?	No	Retrofit	Project Type Other/Misc. Description
SLIP Study Required?	No	DEP Application Manager	<a href="#">Eddy Bouza (/grants/s/detail/0035G00002BGPNpQAP)</a>
Local Project Phase	Construction	Estimated Project Duration	30 Months
Source of Match	Federal funds	Grant Funding Type	Funding for Resilient Florida - Infrastructure Grants
Funding Mechanism	Federal Grant as match	Applicant Account	<a href="#">Palm Beach County Water Utilities (/grants/s/detail/0015G0000220A7SQUA)</a>
Estimated Project Duration	30 Months	Applicant Authorized Signee	<a href="#">Ali Bayat (/grants/s/detail/003UW00000DrufhYAB)</a>
<b>Applicant Information</b>		Regional Resilience Entity Account	
Status	Submitted	Applicant Contact	
Applicant Fiscal Agent	<a href="#">Ebony Bruton (/grants/s/detail/0035G000029130OAC)</a>	Applicant Grant Manager	<a href="#">Jane House (/grants/s/detail/0035G00003BahLuQA)</a>
<b>Project Information</b>		Project Title	WRNWWTF (Western Region North Wastewater Treatment Facility) Electrical & Wet Weather Improvements
RPG Project Type		Project Location	
Entity Category	County, Municipality, or Authorized Special District Addressing Risks of Flooding or Sea Level Rise Identified in a Vulnerability Assessment	Project Geo Location Narrative	Project is located in the City of Pahokee, address is 1001 Rim Canal Rd, Pahokee, FL, 33476
Resilient Florida Grant Program Types	Emergency Facilities;Wastewater Infrastructure	State Lands Lease Agreement No.	
List the City(ies)/ Town(s)/Village(s)	City of Pahokee	Project Geo Location	26.80098, -80.67413
State Lands or State Parks Utilized	No	Project Geo Location Metadata	
Area Served	Palm Beach	Percent of Population	
Sponsor City/County			

Palm Beach		
Total Population <sup>1</sup>		Total Grant Match Amount <sup>1</sup> \$2,700,000
Prior Vulnerability <sup>1</sup>		Total Grant Funding Amount Requested <sup>1</sup> \$7,000,000
Prior Vulnerability Share <sup>1</sup>		Prior Vulnerability Entities <sup>1</sup>
Project Critical Assets <sup>1</sup>		Funding for Regional Resilience <sup>1</sup>

✓ General Information

Project Need <sup>1</sup>

WRNWWTF also called Pahokee Plant is the sole critical facility treating wastewater for City of Pahokee and Canal Point, parts of unincorporated Palm Beach County. The facility was built in 1940s and is experiencing compound flooding, unmitigated severe erosion, groundwater infiltration and continuous structure settlement. The proposed project will build and elevate major critical electrical components to an elevation 15' 3 ft above 100-year flooding elevation and bury utility lines underground to achieve abundant resiliency for plant operation and maintenance even during disasters and major storms. All new critical assets will be constructed on concrete piles to mitigate existing erosion and settlement. Please see the attached document "PBCWUD\_WRNWWTF\_0.0\_Scope" for details.

Project Fit

The primary purpose of operating a wastewater treatment facility is to preserve the environment and protect the health of the community. Section 380.093 (2) (a)2., Florida Statutes, RESILIENT FLORIDA GRANT PROGRAM provides definitions of critical assets, which includes "Critical Infrastructure, including wastewater treatment facilities and lift stations..."

Further, 380.093(3)(b), Florida Statutes, indicates that "Subject to appropriation, the department may provide grants to a...municipality to fund the cost of ... the development of projects...that allow communities to prepare for threats from flooding...; and projects to adapt critical assets to the effects of flooding..."

The wet weather improvements of WRNWWTF, which is a critical asset-as defined by statute, will allow both City of Pahokee and Palm Beach County to be prepared for threats from compound flooding and climate change. Elevating critical structures will provide resilient solution for years to extreme weather conditions such as hurricanes and major storms. It ensures that the plant will provide reliable wastewater treatment service during flooding events, hurricane season and even accidental power shortage scenarios.

Flood risk in VA

Yes

Flood risk in VA explanation <sup>1</sup>

This project will reduce risk of flooding to critical infrastructure by elevating critical assets. see the attached document " PBCWUD\_WRNWWTF\_Tier 1 VA Risk" completed in August 2024 compliant to 380.093 FS. Page 4 Executive Summary states that this report is compliant with the state law (Section 380.093 Florida Statute), contributing to Florida's statewide data collection efforts and maintaining eligibility for infrastructure funding through the Resilient Florida. Page 6 identified specific assets vulnerable to flooding. This project "Western Region North Wastewater Treatment Facility" is one of the assets. Page 78, this asset was mentioned again, and its risks were discussed. Page 82, this project facility is listed in section 6.4 "Critical Infrastructure" -Table 6-4.

Compound flood risk in VA

Yes

Compound flood risk explanation <sup>1</sup>

Yes, the project reduces risk of compound flooding. Please see the attached document "PBCWUD\_WRNWWTF\_Tier 1 Compound Flooding". The report analyzed the possible flooding risks related with project facility WRNWWTF. This facility is vulnerable to compound flooding from three processes. One is from pluvial (rainfall-induced flooding), another one is from fluvial from possible dike breach from Lake Okeechobee and the last one is infiltration and inflow from high groundwater.

Regionally significant asset

Yes

Regionally significant asset explanation

Yes, the project reduces risk to a regionally significant asset. Per 380.093(2)(d), WRNWWTF (also called Pahokee Wastewater Treatment plant) is a critical regional utilities asset for Western Palm Beach County area. It services the needs of wastewater treatment from the whole City of Pahokee area and Canal Point, parts of unincorporated Palm Beach County. WRNWWTF is a critical regional utility that supports the daily needs of 2 communities (City of Pahokee and Canal Point) spanning multiple geopolitical jurisdictions in Western Palm Beach County. Completion of this project will enhance the wastewater treatment services to be provided throughout the region during major storms and flooding events.

Percent CA Vulnerable  
80% or more

Percent CA vulnerable explanation ①

WRNWWTF is the ONLY wastewater treatment facility serving daily sewer needs of City of Pahokee and parts of unincorporated Palm Beach County. Under a scenario where there is a problem/failure at WRNWWTF and the wastewater cannot be properly transported or treated, a total of 24 critical assets in the project impact area (100%) will be vulnerable to sewer flooding induced by rainfall event. Here is the list of critical assets in the project impact area: 5 lift stations, 2 local government buildings (Pahokee City Hall, Pahokee Fleet Maintenance), 6 schools (GAP Christian Academy and etc.), 6 mobile home parks, 1 fire station, 2 national shelter system facility (First united methodist church and Pahokee Community Center), 1 senior service (Alzheimer's community care) and 1 childcare center. See the attached document "PBCWUD\_WRNWWTF\_Tier 1 Percentage of Critical Assets".

Existing flood mitigation project

Yes, by incorporating BOTH new or enhanced structure AND natural system restoration and revegetation

Existing flood mitigation project expln

PBCWUD has been implementing flood mitigation projects in WRNWWTF such as plant hardening, inflow and infiltration study, wet weather resiliency assessment and etc. This effort is to improve wastewater treatment plant layout to reduce potential upland damage cost (loss of power, asset damage and public health issue) from rising floodwaters. This proposed project will contribute to this large effort. New and enhanced structures: This project will have new elevated electrical building, new elevated stormproof generator, underground utilities lines and hardened process pipes. Restoration and Revegetation: Revegetation will occur at disturbed areas with native vegetation. The existing dense plants around the plant will be restored and improved to serve as enhanced vegetated flood control berms during extreme rainfall events. County is aiming to build a sustainable infrastructure system that restores and enhance our resources, protects the environment and benefits our future.

Flood frequency

Has been flooded at least 3 times in the last 5 years or is experiencing ongoing erosion

Flood frequency explanation ①

The plant has been flooded in the last 3 years and the plant is experiencing ongoing erosion at various structures from 2016 to 2024. Please see the attached photos taken by County staff "PBCWUD\_WRNWWTF\_Tier 2 Severity of Flooding\_erosion around critical asset".

Current flood severity

Flooded greater than one foot within the last 5 years, flooded between 3 inches and 1 foot in the current year and in each of the last 3 years, has been flooded for at least 7 consecutive days, OR erosion is critical for the critical asset class.

Flood severity explanation ①

Observed erosion from 2016 to 2024 near wastewater treatment plant critical asset structures. Please see the attached photos taken by County staff "PBCWUD\_WRNWWTF\_Tier 2 Severity of Flooding\_erosion around critical asset".

Project design status ①

Design is complete – see "i" icon for more information

Project design status explanation

Design is complete. Please see the attached final signed and sealed construction plan set "PBCWUD\_WRNWWTF\_Tier 2\_Design Readiness\_Signed and Sealed Plan for Construction"

Permit & easement status

All necessary permit(s) and easement(s) have been authorized/obtained

Permit & easement status explanation

FDEP permit (FLA0136778) was approved and issued. Please see the attached FDEP permit approval letter "PBCWUD\_WRNWWTF\_Tier 2\_Design Readiness\_Approved Permits".

City of Pahokee building permit was approved and issued. Please see the attached permit card "PBCWUD\_WRNWWTF\_Tier 2\_Design Readiness\_Approved Permits".

Easement is not necessary because all work is to be done in the plant owned by Palm Beach County Water Utilities (PBCWUD).

Local cost share available

Yes

Local cost share available explanation

The project is located in the City of Pahokee. City of Pahokee is a financially disadvantaged small community as defined in 380.093 (5)(e), FS. Please see the attached documents regarding local funding. The most recent April 1 population estimate shows City of Pahokee has 5,607 people, which is lower than the threshold 10,000 set in the FS. For per capita annual income, Pahokee has \$16,698 and state of Florida has \$38,850. For per capita annual income, Pahokee is lower than the state as required in the FS. Although no cost share commitment is required for this project, PBCWUD has successfully secured a federal grant (HUD funding passing through Florida Commerce) \$2.7M. Please see attached executed grant agreement IO166, approval letter "Authority to Use Grant Funds" and environmental review record (ERR) approval letter. Related documents are labeled as "PBCWUD\_WRNWWTF\_Tier 2\_Local Funding\_IO166".

Habitat enhancement or NBS

Yes


Habitat enhancement or NBS explanation


This project will use planted vegetation and tall vegetated berms between the plant and major road (Rim Canal Road) for flood resilience. The elevation difference between the road and plant is 6ft (road sits at 18ft and plant sits at 12ft, can be verified through google earth). This nature-based solution will increase stormwater storage during severe rainfall events, provide extra wind protection during storm season and serves as an environmental habitat for local wildlife such as hogs, foxes, rabbits and many more.

Critical habitat


Critical habitat explanation


No		
Cost effective		Cost effective explanation
Yes		Please see the attached document "PBCWUD_WRNWWTF_Tier 2 Cost Effectiveness Analysis". Two alternatives were analyzed. Alternative 1 "Do Nothing" will have a potential \$1.16M damage assuming only 1 failure in the plant's expected life span. The consequence of "Do Nothing" is more than 10 times of this project's cost. Alternative 2 is to interconnect North (Pahokee) and South (Beile Glade) plants. This alternative can achieve the same flood protection proposed by this project however it was rejected because of its extremely high price at \$95M. The proposed project is the most cost-effective option to achieve maximum flood resiliency.
Cost share available		Cost share available explanation
The project is in a financially disadvantaged small community and cost share is not required		
Previous state funding		Previous state funding explanation
Construction (previous phases)		Please see the attached "PBCWUD_WRNWWTF_Tier 2_Local Funding_I0166". Award Agency: State of Florida "Department of Economic Opportunity", Award Date: Feb 08,2022, DEO Agreement number: I0166, amount: \$2,700,000. The awarded funding is to implement construction for the same project (Page 21, 2 project description).
Exceeds FBC/local floodplain regs		Exceeds FBC/local floodplain regs expln
Yes		This project will exceed Florida Building Code requirements and local floodplain management regulations by going 3 ft above flood elevation. Please see the attached document "PBCWUD_WRNWWTF_Tier 3 Flood Resistance".
Innovative tech		Innovative tech explanation
Yes		Please see attached document "PBCWUD_WRNWWTF_Tier 4 Innovative Technology". This project will use innovative technologies to reduce cost and provide regional collaboration.
Community financially disadvantaged		Comm financially disadvantaged expln
Yes		The project impact area is city of Pahokee. City of Pahokee is a financially disadvantaged small community as defined in 380.093 (5)(e), FS. The most recent April 1 population estimate shows City of Pahokee has 5,607 people, which is lower than the threshold 10,000 set in the FS. For per capita annual income, Pahokee has \$16,698 and state of Florida has \$38,850. For per capita annual income, Pahokee is lower than state as required in the FS. Additionally, the median household income for Pahokee in 2022 is \$36,289 and 31.8% people are living below the poverty line. Those values are much worse when compared to the state of Florida where the median household income is \$67,917 and 12.7% people living below the poverty line. In addition, Pahokee is a defined rural area of opportunity which has been adversely affected by extraordinary economic events or natural disasters. Please see the attachment document starting with "PBCWUD_WRNWWTF_Disadvantage Small Community".
GI Benefit Spring		GI Benefit Spring Explanation
No		
GI Protect Water Sources		GI Protect Water Sources Explanation
No		
GI Facilities Waste Treatment		GI Facilities Waste Treatment Explanatio
Yes		This project is a wastewater treatment plant upgrade project. The major project components include: (1) construction of a fully enclosed backup power generator, (2) installation of concrete electrical building with associated 480-volt switchgear and motor control centers (3) replacement of the plant-wide controls system (4) replacement of process piping (5) various site improvements such as burying utilities lines underground, improving perimeter vegetated flood berms and etc.
GI Convert Septic To Sewer		GI Convert Septic To Sewer Explanation
No		
GI Green Stormwater Infrastructure		GI Green Stormwater Infrastrure Expl
No		
GI Applied Other Programs		GI Applied Other Programs Explanation
Yes		This project was submitted to Federally Funded Community Development Block Grant Mitigation Program (CDBG-MIT) and was awarded \$2.7M. The grant agreement was fully executed on 03/21/2022. Please see the attachment "PBCWUD_WRNWWTF_Local Funding_I0166-PalmBeachCo-MIT-Executed".
GI Community Population		
5,607		
<b>Information</b>		
GI Critical Assets Served		Amount of Funds Awarded

GI Critical Assets Served Explanation 

Permitting 

FDEP Permit (Minor modification of wastewater treatment plant) was approved 02/24/2023.  
City of Pahokee Building Permit was approved in 07/2024.

Project Follow Up 

Statewide Flooding and Sea Level Rise 


Additional Funding

Additional Function Applicant Entity  
(<https://fdcp.my.site.com/grants/>)

Additional Funding Current Grant

Additional Match Secured

Project Work Plan

Project Summary 


This project is a wastewater treatment plant upgrade project. The major project components include: (1) construction of a fully enclosed backup power generator, (2) installation of concrete electrical building with associated 480-volt switchgear and motor control centers (3) replacement of the plant-wide controls system (4) replacement of process piping (5) various site improvements such as burying utilities lines underground, improving perimeter vegetated flood berms and etc.

Project Need and Benefit

Project Feasibility

Budget


Budget Narrative 

Indirect Percent 

Signature

Authorized Signers Signature 

All Bayat

Certification Agreement 

System Information


Created By

 [Jane House \(/grants/s/profile/0055G00000BCTR3QAH\)](/grants/s/profile/0055G00000BCTR3QAH), 6/26/2024 9:51 AM


Last Modified By


 [Jane House \(/grants/s/profile/0055G00000BCTR3QAH\)](/grants/s/profile/0055G00000BCTR3QAH), 8/28/2024 2:52 PM

Owner


 [Jane House \(/grants/s/profile/0055G00000BCTR3QAH\)](/grants/s/profile/0055G00000BCTR3QAH)

EGR Application Name


Amount of Funds Requested 

Lands, Easements, Rights of Way 

All project construction will be conducted in the plant, owned by PBCWUD.


Metric Assigned 

Square feet of building protected

Metric Value 

1,000.00

Metric Value Units

Square Feet 

Additional Funding Current Grant Number


(<https://fdcp.my.site.com/grants/>)


Additional Funding Request


Additional Funding Request Justification

Project Description 

WRNWWTF was built in 1940s and it is the only wastewater treatment plant serving city of Pahokee. To address ongoing compound flooding from sewer floods, rainfall and infiltration/inflow from groundwater, this plant needs significant improvements to maintain reliable service and allow the facility to remain open and run in full capacity during major storm events. The proposed project will install elevated new structures, implement innovate technology and use nature-based solution to ensure this resiliency goal is achieved.

Project Vulnerability 

Vulnerability Assessment include State 

Work Performed by 

Preparer Type 

Applicant

Preparer Account 

[Palm Beach County Water Utilites \(/grants/s/detail/0015G0000220A75QAU\)](/grants/s/detail/0015G0000220A75QAU)

Preparer Contact 

[Jane House \(/grants/s/detail/0035G00003BahLuQAJ\)](/grants/s/detail/0035G00003BahLuQAJ)

Preparer User 

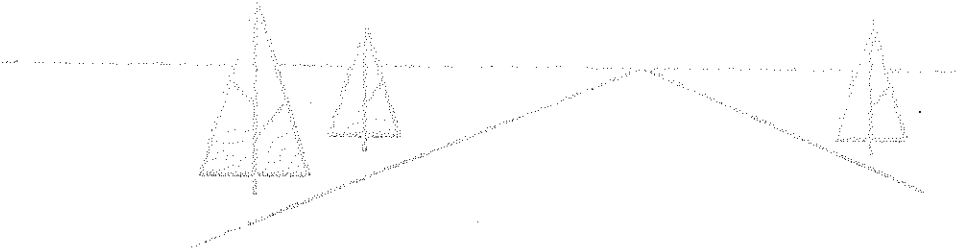
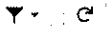
Post Question Poll

Share an update...

Share



Search this feed...



### Collaborate here!

Here's where you start talking with your colleagues about this record.

Florida Department of Environmental Protection  
3900 Commonwealth Blvd.  
Tallahassee, FL 32399-3000