

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2023	2024	2025	2026	2027
Capital Expenditures	\$258,200	0	0	0	0
Operating Costs	0	0	0	0	0
External Revenues	0	0	0	0	0
Program Income (County)	0	0	0	0	0
In-Kind Match County	0	0	0	0	0
NET FISCAL IMPACT	\$258,200	0	0	0	0
# ADDITIONAL FTE POSITIONS (Cumulative)	0	0	0	0	0

Budget Account No.: Fund 4011 Dept 721 Unit W004 Object 6541

Is Item Included in Current Budget? Yes X No

Does this item include the use of federal funds? Yes No X

Reporting Category N/A

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

One (1) time expenditure from user fees, connection fees and balance brought forward.

C. Department Fiscal Review: Joony Beaton GE

III. REVIEW COMMENTS

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

*for review
for copy
6/10/23*
Lisa Math 5/18/23
OFMB QA 5110

Ann J. [Signature] 5/18/23
Contract Development and Control
MA 5/18/23

B. Legal Sufficiency:

[Signature] 5/31/23
Assistant County Attorney

C. Other Department Review:

Department Director

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

CHANGE ORDER NO. 3
Palm Beach County Water Utilities Department
Upper Floridan Aquifer (UFA) Well Rehabilitation
Resolution No. R2021-1081 Contract Dated 8/17/2021

Project Title: Upper Floridan Aquifer (UFA) Well Rehabilitation

PBCWUD Project No.: 20-041

Contractor: All Webbs Enterprises, Inc.

Address: 309 Commerce Way, Jupiter, FL 33458

Budget Line Item No.: 4011 - 721 - W004 - 6541

District: 6

Notice to Proceed: 9/13/21

The Contract provides for 95.22% SBE participation. This Change Order includes 0.00% overall participation. The cumulative SBE participation, including this Change Order is 79.46%.

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

- | | |
|---|----------------------------|
| 1) Add six (6) contract days to the contract to allow for delays to the contractor due to laboratory protocols that were not followed during confirmation sampling at Well PW-6. See the enclosed documentation by JLA Geosciences, Inc., in Attachment F. | \$0.00 |
| 2) Add twenty-six (26) contract days to the contract to allow for delays to the contractor due to laboratory protocols that were not followed during confirmation sampling at Well TP-2. See the enclosed documentation by JLA Geosciences, Inc., in Attachment F. | \$0.00 |
| 3) Add six (6) contract days to the contract to allow for time to evaluate an obstruction in the production interval of Well PW-6. It was possible to move the obstruction below the production zone with Tremie pipe during the acidization phase of work. Add \$3,000.00 in standby compensation costs while the recommendation associated with removal of the obstruction was evaluated. See the enclosed documentation by JLA Geosciences, Inc., in Attachment F. | \$3,000.00 |
| 4) Perform optional Contract Line Item Nos. A16 and A17 for partial back-plugging of the production interval of Well PW-10. Thirty-one (31) additional contract days are added to the contract time for completion of this work. See the enclosed Work Directive No. 2 and documentation by JLA Geosciences, Inc., in Attachment F. | \$95,000.00 |
| 5) Perform additional back-plugging of the production interval of Well PW-10 by utilizing Contract Line Item No. A17 for an additional 3,004 sacks. The additional contract days needed to complete this work are included in Item 4. See the enclosed documentation by JLA Geosciences, Inc., in Attachment F. | \$150,199.10 |
| 6) Perform an additional investigational video and geophysical logging of the borehole (Line Item No. A7) to evaluate if additional back-plugging of the borehole was required. Fifteen (15) additional contract days are added to the contract time for completion of this work. See the enclosed Work Directive No. 3 and documentation by JLA Geosciences, Inc., in Attachment F. | \$10,000.00 |
| Total: | <u>\$258,199.10</u> |

CHANGE ORDER NO. 3
Palm Beach County Water Utilities Department
Upper Floridan Aquifer (UFA) Well Rehabilitation
Resolution No. R2021-1081 Contract Dated 8/17/2021

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.....	<u>\$1,925,000.00</u>
Net Change by previous Change Order.....	<u>\$123,386.36</u>
The Contract Sum prior to this Change Order was.....	<u>\$2,048,386.36</u>
The Contract Sum will be increased/decreased by this Change Order.....	<u>\$258,199.10</u>
The New Contract Sum indicating this Change Order will be.....	<u>\$2,306,585.46</u>
The Date of Substantial Completion prior to this Change Order was	<u>February 9, 2023</u>
The Date of Final Completion prior to this Change Order was	<u>March 11, 2023</u>
The Contract Time will be increased/decreased by.....	<u>84 Days</u>
The Date of Substantial Completion including this Change Order.....	<u>May 4, 2023</u>
The Date of Final Completion including this Change Order.....	<u>June 3, 2023</u>

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.

All Webb's Enterprises, Inc.

Palm Beach County Water Utilities Department

Palm Beach County Board of County Commissioners

CONTRACTOR

ENGINEER

OWNER

309 Commerce Way
Jupiter, FL 33458

8100 Forest Hill Blvd.
West Palm Beach, FL 33413

301 N. Olive Avenue
West Palm Beach, FL 33401

ADDRESS

ADDRESS

ADDRESS

David Webb, Jr.
SIGNATURE

Diana Rivera
SIGNATURE

dm [initials]
SIGNATURE

David Webb, Jr.
PRINT NAME

DIANA Rivera
PRINT NAME

Gregg K. Weiss
PRINT NAME

Vice President
TITLE

Project Manager
TITLE

Mayor
TITLE

4/4/2023
DATE

4/11/23
DATE

DATE

STATE OF FLORIDA
COUNTY OF Palm Beach

Approved as to Form and Legal Sufficiency

The foregoing instrument was acknowledged before me by means of physical presence or online notarization this 4th day of April, 2023, by David Webb Jr who is personally known to me or has produced _____ as identification.

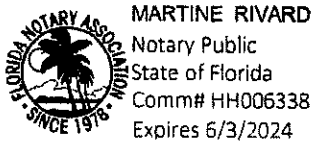
By: *[Signature]*
County Attorney

Attest: Joseph Abruzzo, Clerk of the Circuit Court & Comptroller, Palm Beach County

Martine Rivard
(Signature of Notary Public – State of Florida)

By: _____
Deputy Clerk

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



CHANGE ORDER NO. 3
Palm Beach County Water Utilities Department
Upper Floridan Aquifer (UFA) Well Rehabilitation
Resolution No. R2021-1081 Contract Dated 8/17/2021

LIST OF ATTACHMENTS

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

ATTACHMENT A
CHANGE ORDER NO. 3 SUMMARY AND CATEGORIZATION

Project Title: Upper Floridan Aquifer (UFA) Well Rehabilitation

PBCWUD Project No.: 20-041

Resolution No.: R2021-1081

Item No.	C.O. Code	Scope of Work	Additions	(Deletions)	Net Change	Time
1	8	Add six (6) contract days to the contract to allow for delays to the contractor due to laboratory protocols that were not followed during confirmation sampling at Well PW-6.	\$ 0.00	\$ 0.00	\$ 0.00	6 Days
2	8	Add twenty-six (26) contract days to the contract to allow for delays to the contractor due to laboratory protocols that were not followed during confirmation sampling at Well TP-2.	\$ 0.00	\$ 0.00	\$ 0.00	26 Days
3	2	Add six (6) contract days to the contract to allow for time to evaluate an obstruction in the production interval of Well PW-6. It was possible to move the obstruction below the production zone with Tremie pipe during the acidization phase of work. Add \$3,000.00 in standby compensation costs while the recommendation associated with removal of the obstruction was evaluated.	\$ 3,000.00	\$ 0.00	\$ 3,000.00	6 Days
4	1	Perform optional Contract Line Item Nos. A16 and A17 for partial back-plugging of the production interval of Well PW-10. Thirty-one (31) additional contract days are added to the contract time for completion of this work.	\$ 95,000.00	\$ 0.00	\$ 95,000.00	31 Days
5	2	Perform additional back-plugging of the production interval of Well PW-10 by utilizing Contract Line Item No. A17 for an additional 3,004 sacks. The additional contract days needed to complete this work are included in Item 4.	\$ 150,199.10	\$ 0.00	\$ 150,199.10	0 Days
6	1	Perform an additional investigational video and geophysical logging of the borehole (Line Item No. A7) to evaluate if additional back-plugging of the borehole was required. Fifteen (15) additional contract days are added to the contract time for completion of this work.	\$ 10,000.00	\$ 0.00	\$ 10,000.00	15 Days
Total			\$258,199.10	\$ 0.00	\$258,199.10	84 Days

ATTACHMENT A

CHANGE ORDER NO. 3 SUMMARY AND CATEGORIZATION

Project Title: Upper Floridan Aquifer (UFA) Well Rehabilitation

PBCWUD Project No.: 20-041

Resolution No.: R2021-1081

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*] Delays due to laboratory protocols not being followed during confirmation sampling by PBCWUD.

ATTACHMENT B CHANGE ORDER ADDITIONS/DELETIONS SUMMARY

Project Title: Upper Floridan Aquifer (UFA) Well Rehabilitation
 Contractor: All Webbs Enterprises, Inc.
 PBCWUD Project No.: 20-041
 Resolution No.: R2021-1081
 Date Approved: 8/17/21
 Contract Amount: \$1,925,000.00

APPROVAL LIMITS:

Department Head

Contract Review Committee

Amount/Days

Amount/Days

Individual C.O.
Cumulative C.O.

\$50,000.00 - 30 Days
\$250,000.00¹ - 30 Days

\$100,000.00 - 90 Days
\$250,000.00¹ - 120 Days

C.O. NO.	DATE APPROVED	NET CHANGE ²	DEPARTMENT HEAD (ADDS PLUS DEDUCTS) ³		CONTRACT REVIEW COMMITTEE (ADDS PLUS DEDUCTS) ³		TOTAL DEPT. HEAD & CONTRACT REVIEW COMM. (ADDS PLUS DEDUCTS) ³		BOARD OF COUNTY COMMISSIONERS (ADDS PLUS DEDUCTS) ³		TOTALS
			AMOUNT	DAYS	AMOUNT	DAYS	AMOUNT	DAYS	AMOUNT	DAYS	
1	08/03/22	\$50,000.00	\$0	0	\$50,000.00	37	\$50,000.00	37	\$0	0	\$50,000.00
2	12/21/22	\$73,386.36	\$0	0	\$73,386.36	17	\$73,386.36	17			\$73,386.36
3	Pending	\$258,199.10	\$0	0	\$		\$	0	\$258,199.10	84	\$258,199.10
		\$381,585.46	\$0.00	0	\$218,386.36	54	\$218,386.36	54	\$258,199.10	84	\$381,585.46

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: Upper Floridan Aquifer (UFA) Well Rehabilitation SOLICITATION/PROJECT/BID NO.: WUD 20-041
 SOLICITATION OPENING/SUBMITTAL DATE: _____ COUNTY DEPARTMENT: Palm Beach County 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: ALL WEBB'S ENTERPRISES, INC ADDRESS: 309 COMMERCE WAY, JUPITER, FL 33458
 CONTACT PERSON: DAVID WEBB JR PHONE NO.: 561-746-2079 E-MAIL: DAVIDWEBBJR@ALLWEBBS.COM

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: 100%
 *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 Minority Business	WBE Women Business	SBE Small Business	Black	Hispanic	Women	Caucasian	Asian	Other
	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 \$ 258,199.10 Total Certified S/M/WBE Participation \$ 0.00

I hereby certify that the above information is accurate to the best of my knowledge: David Webb Jr 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.

**ATTACHMENT C
OEBO SCHEDULE 2**

OFFICE OF EQUAL BUSINESS OPPORTUNITY COMPLIANCE PROGRAMS

"NOT APPLICABLE"

ATTACHMENT D

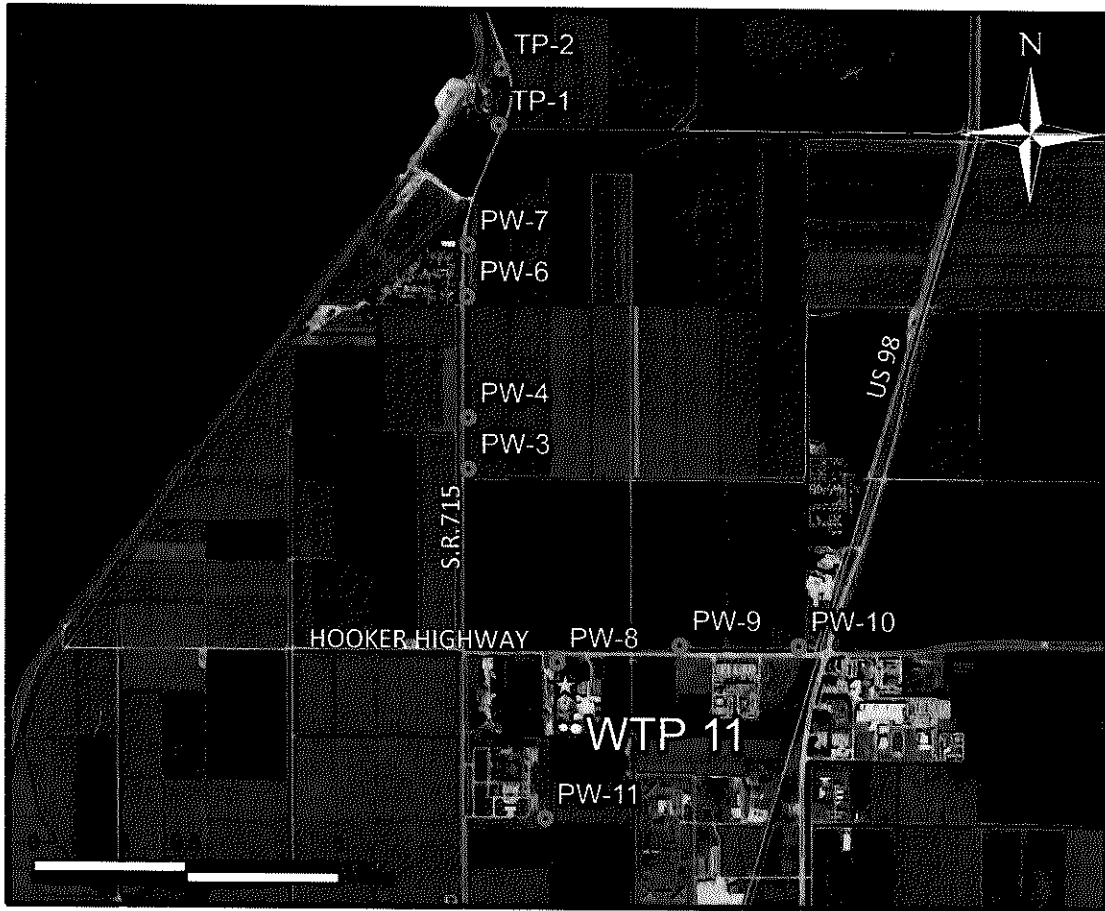
LOCATION MAP

PBCWUD Project No. 20-041

ATTACHMENT D

LOCATION MAP

PBCWUD Project No.: 20-041



● WTP 11 Production Well Location

★ WTP 11 Plant Location

ATTACHMENT E

BOND RIDER
(IF APPLICABLE)

RIDER INCREASING OR DECREASING PENALTY OF BOND

To be attached to and form part of Public Construction Bond
(Description of Bond)

Bond No. 2303776 issued on behalf of All Webb's Enterprises, Inc.

as Principal in favor of Palm Beach County Board of County Commissioners

Obligee.

Swiss Re Corporate Solutions America Insurance Corporation, (hereinafter called the Company) hereby increases

the penalty from Two Million, Forty Eight Thousand, Three Hundred Eighty Six and 36/100 DOLLARS (\$2,048,386.36),

to Two Million, Three Hundred Six Thousand, Five Hundred Eighty-Five and 46/100 DOLLARS (\$ 2,306,585.46),

subject to the covenants and conditions of said bond, except as herein stated.

This rider becomes effective on the 17th day of March, 2023, at
twelve and one minute o'clock AM standard time.

Signed and dated this 17th day of March, 2023.

All Webb's Enterprises, Inc. Principal

By [Signature]

ACCEPTED

Palm Beach County Board of County Commissioners
Obligee

By _____

By _____

Swiss Re Corporate Solutions America Insurance Corporation

By [Signature]
Brett A. Ragland, Attorney-In-Fact



SWISS RE CORPORATE SOLUTIONS

SWISS RE CORPORATE SOLUTIONS AMERICA INSURANCE CORPORATION F/K/A NORTH AMERICAN SPECIALTY INSURANCE COMPANY ("SRCSAIC")
SWISS RE CORPORATE SOLUTIONS PREMIER INSURANCE CORPORATION F/K/A WASHINGTON INTERNATIONAL INSURANCE COMPANY ("SRCSPIC")
WESTPORT INSURANCE CORPORATION ("WIC")

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, THAT SRCSAIC, a corporation duly organized and existing under laws of the State of Missouri, and having its principal office in the City of Kansas City, Missouri, and SRCSPIC, a corporation organized and existing under the laws of the State of Missouri and having its principal office in the City of Kansas City, Missouri, and WIC, organized under the laws of the State of Missouri, and having its principal office in the City of Kansas City, Missouri, each does hereby make, constitute and appoint:

JOSEPH D. JOHNSON, JR., JOSEPH D. JOHNSON, III, BRETT A. RAGLAND, FRANCIS T. O'REARDON and TYLER RAGLAND

JOINTLY or SEVERALLY

Its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its act and deed, bonds or other writings obligatory in the nature of a bond on behalf of each of said Companies, as surety, on contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract or suretyship executed under this authority shall exceed the amount of:

TWO HUNDRED MILLION (\$200,000,000.00) DOLLARS

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of both SRCSAIC and SRCSPIC at meetings duly called and held on the 18th of November 2021 and WIC by written consent of its Executive Committee dated July 13, 2011.

"RESOLVED, that any two of the President, any Managing Director, any Senior Vice President, any Vice President, the Secretary or any Assistant Secretary be, and each or any of them hereby is, authorized to execute a Power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Corporation bonds, undertakings and all contracts of surety, and that each or any of them hereby is authorized to attest to the execution of any such Power of Attorney and to attach therein the seal of the Corporation; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Corporation may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be binding upon the Corporation when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached."



By Erik Janssens, Senior Vice President of SRCSAIC & Senior Vice President of SRCSPIC & Senior Vice President of WIC

By Gerald Jagrowski, Vice President of SRCSAIC & Vice President of SRCSPIC & Vice President of WIC



IN WITNESS WHEREOF, SRCSAIC, SRCSPIC, and WIC have caused their official seals to be hereunto affixed, and these presents to be signed by their authorized officers

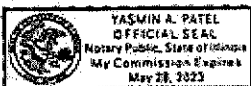
this 29TH day of APRIL, 2022

State of Illinois
County of Cook



Swiss Re Corporate Solutions America Insurance Corporation
Swiss Re Corporate Solutions Premier Insurance Corporation
Westport Insurance Corporation

On this 29TH day of APRIL, 2022, before me, a Notary Public personally appeared Erik Janssens, Senior Vice President of SRCSAIC and Senior Vice President of SRCSPIC and Senior Vice President of WIC and Gerald Jagrowski, Vice President of SRCSAIC and Vice President of SRCSPIC and Vice President of WIC, personally known to me, who being by me duly sworn, acknowledged that they signed the above Power of Attorney as officers of and acknowledged said instrument to be the voluntary act and deed of their respective companies.



Yasmin A. Patel, Notary

I, Jeffrey Goldberg, the duly elected Senior Vice President and Assistant Secretary of SRCSAIC and SRCSPIC and WIC, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney given by said SRCSAIC and SRCSPIC and WIC, which is still in full force and effect.

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 17th day of March, 2023.

Jeffrey Goldberg, Senior Vice President & Assistant Secretary of SRCSAIC and SRCSPIC and WIC

ATTACHMENT F

SUPPORTING DOCUMENTATION



February 15, 2023

Rani K. Smith, P.G.
Principal Hydrogeologist
JLA Geosciences, Inc.
1907 Commerce Lane, Suite 104
Jupiter, Florida 33458

RE: 20-041 Request for Additional Time; TP-2 / PW-6 Bac-t Clearance and PW-6 Obstruction

Dear Rani,

AWE performed additional work at wells TP-2 and PW-6 for bacteriological clearance beyond the original scope of work. The work required additional chlorine disinfections of each well and additional laboratory analysis of each well. The State certified laboratory AWE used for bac-t analysis showed clear results, however the County lab was showing intermittent failures. AWE paid for a second State certified laboratory to obtain duplicate samples and provide parallel analysis to maximize due diligence and ensure the State certified laboratories data was correct. Ultimately, there were sampling or analysis deficiencies determined with the County lab which led to flawed County lab results. Though the cost of the additional work and laboratory fees is substantial, AWE is not requesting monetary compensation for this. However, we are requesting the following additional time for these bac-t clearance efforts:

- Time request for Well TP-2 bac-t clearance = 26 days
- Time request for Well PW-6 bac-t clearance = 6 days

During the initial downhole video survey at well PW-6, an obstruction was observed in the open hole interval. Work flow was stopped in order to formulate and enact a plan of action with the intent to push or break up the obstruction and allow it to fall downhole. During that time AWE fabricated a wing bit tool designed to break or push the obstruction downhole, and lined up equipment and manpower to perform the work. It was decided the best plan of action was to run acid line downhole and attempt to get past the obstruction. AWE utilized the wing bit tool and successfully installed acid line below the depth of the obstruction, successfully acidize the well, and move forward with the remainder of the specified rehabilitation. AWE is requesting the following additional Time and Compensation for this effort as follows:

- Time request for Well PW-6 obstruction = 6 days
- Compensation request for 3 days Standby (\$1,000.00/day) = \$3,000.00

The total requested change is 38 days and \$3,000.00 added to Contract.

All Webb's Enterprises Inc.

309 Commerce Way

Jupiter, FL 33458

Diana Rivera

From: Rani Smith <rsmith@jlageosciences.com>
Sent: Wednesday, February 15, 2023 8:56 AM
To: Diana Rivera
Subject: FW: PBCWUD 20-041 CO#3 Request
Attachments: 20-041 Request for Additional Time and Compensation 2.15.2023.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

This Message Is From an External Sender

This message came from outside your organization.

AWE is asking for a little less time than we calculated (2 days less for PW-6), but \$3000 for standby time for the obstruction.

Please give me a call to discuss.

Thanks,

Rani K. Smith, P.G.
Principal Hydrogeologist
JLA Geosciences, Inc.
1907 Commerce Lane, Suite 104
Jupiter, Florida 33458
(772) 214-9497 (cell)
(561) 746-0228 (office)
(561) 746-0119 (fax)
jlageosciences.com

From: Mike Black <mike@allwebbs.com>
Sent: Wednesday, February 15, 2023 7:36 AM
To: Diana Rivera <drivera@pbcwater.com>
Cc: Cali Guenov <CGuenov@jlageosciences.com>; Rani Smith <rsmith@jlageosciences.com>; David Webb <davidwebbjr@allwebbs.com>
Subject: PBCWUD 20-041 CO#3 Request

Good morning,

Please see attached request for additional time and compensation request in regards additional work performed at Well(s) TP-2 and PW-6.

Feel free to contact me anytime if you have any comment.

Thank you,

Mike Black
Vice President
All Webb's Enterprises, Inc.

Diana Rivera

Subject: FW: TP-2 Disinfection/BacT Summary

Importance: High

From: Rani Smith <rsmith@jlageosciences.com>

Sent: Tuesday, January 24, 2023 5:12 PM

To: Cali Guenov <CGuenov@jlageosciences.com>; Diana Rivera <drivera@pbcwater.com>

Subject: RE: TP-2 Disinfection/BacT Summary

Importance: High

Diana,

As an update, please see the recorded CPM schedule delays for each well and specific task below:

TP-2 Additional chlorinations and sampling: 28 calendar days

PW-6 Addressing well obstruction: 6 calendar days

If you plan on giving AWE time for this most recent sampling event, the recorded delays are outlined below.

PW-6

Date	Activity	Days
23-Jan	Final video log	
22-Jan	Weekend	1
21-Jan	Weekend	1
20-Jan	PBCWUD BacT samples passed	1
19-Jan	PBCWUD, Florida Spectrum, & Jupiter lab sampled well for bacTs; JLA on site.	1
18-Jan	PBCWUD, Florida Spectrum, & Jupiter lab sampled well for bacTs; JLA on site.	1
17-Jan	No witnessed site work complete	1
16-Jan	PBCWUD holiday; no witnessed site work complete	
15-Jan	Weekend	
14-Jan	Weekend - PBCWUD reported failing bacT results; Jupiter lab reported passing; no witnessed site work	
13-Jan	AWE & PBCWUD conducted bacT testing; JLA on site	
12-Jan	AWE & PBCWUD began bacTs	
11-Jan	AWE Chlorinated well	

	Total work days	4
	Total work days for bacT sampling	3
	Total days (weekends & holidays included)	6

Please feel free to call if you have any questions or concerns.

Thank you,

Rani K. Smith, P.G.

Principal Hydrogeologist

JLA Geosciences, Inc.

Subject: FW: TP-2 Disinfection/BacT Summary

From: Cali Guenov <CGuenov@jlageosciences.com>
Sent: Wednesday, November 16, 2022 10:50 AM
To: Diana Rivera <drivera@pbcwater.com>
Cc: Rani Smith <rsmith@jlageosciences.com>

Hey Diana,
 See below for the TP-2 disinfection/bacT summary. Please let me know if you have any questions or comments.

Date	Activity	Days
16-Nov	AWE & PBCWUD conducted bacT testing	1
15-Nov	AWE & PBCWUD conducted bacT testing; JLA was on site to oversee sampling	1
14-Nov	AWE conducted bacT testing	1
13-Nov	Weekend	
12-Nov	Weekend	
11-Nov	WUD laboratory sample event canceled due to hurricane Nicole	3
10-Nov	WUD laboratory sample event canceled due to hurricane Nicole	
9-Nov	WUD laboratory sample event canceled due to hurricane Nicole	
8-Nov	AWE & PBCWUD conducted bacT testing	2
7-Nov	AWE & PBCWUD conducted bacT testing	
6-Nov	Weekend	
5-Nov	Weekend	
4-Nov	BacTs failed; AWE rechlorinated well	1
3-Nov	AWE & PBCWUD conducted bacT testing	2
2-Nov	AWE & PBCWUD conducted bacT testing	
1-Nov	BacTs failed; AWE rechlorinated well	1
31-Oct	AWE & PBCWUD conducted bacT testing	1
30-Oct	Weekend	
29-Oct	Weekend	
28-Oct	AWE & PBCWUD conducted bacT testing	1
27-Oct	BacTs failed; AWE rechlorinated well	1
26-Oct	AWE & PBCWUD conducted bacT testing	2
25-Oct	AWE & PBCWUD conducted bacT testing	
24-Oct	AWE rechlorinated well	1
23-Oct	Weekend	
22-Oct	Weekend	
21-Oct	AWE & PBCWUD conducted bacT testing	2
20-Oct	AWE & PBCWUD conducted bacT testing	

	Total workdays	20
	Total days (weekends included)	28

Diana Rivera

Subject: FW: TP-2 Disinfection/BacT Summary

From: Rani Smith <rsmith@jlageosciences.com>

Sent: Tuesday, January 10, 2023 12:04 PM

To: Cali Guenov <CGuenov@jlageosciences.com>; Diana Rivera <drivera@pbcwater.com>

Subject: RE: TP-2 Disinfection/BacT Summary

This Message Is From an External Sender

This message came from outside your organization.

Correction regarding obstruction timeframe:

well PW-6

11/30: Notification from AWE, Recommendation from JLA to WUD.

12/1: Approval from WUD to proceed with JLA recommendation.

12/1 to 12/5: AWE performed tremie and knock down completed.

12/6: AWE Mobilize for acid (delayed due to prior postponement from week before).

12/7 to 12/8: AWE acidized the well.

Obstruction: 6 days

Rani K. Smith, P.G.

Principal Hydrogeologist

JLA Geosciences, Inc.

1907 Commerce Lane, Suite 104

Jupiter, Florida 33458

(772) 214-9497 (cell)

(561) 746-0228 (office)

(561) 746-0119 (fax)

jlageosciences.com

Subject: FW: PBCWUD System 11 Well 6 Obstruction

Diana,

During the preliminary well video last week an obstruction in the production interval was observed at a depth of approximately 1164 feet below pad level. Based on the video findings and proximity to the base of casing (less than 20 feet), this most likely is grout from behind the base of casing. A similar situation occurred in 2014, at which time the obstruction was knocked down to total depth (approximately 1420 feet).

AWE had planned on performing the contract acidization of PW-6 this week, however, based on this finding and per our discussion, we have requested that AWE delay the acid for one week. AWE has prepared the attached cost proposal for knockdown of the obstruction to total depth. With the exception of overtime labor, we find the costs reasonable for the outlined scope.

Per our discussion this morning, the plan going forward will be as follows:

- Request AWE attempt to set the acidization tremie line below (past) the obstruction to a depth of 1250 feet.
 - If they are successful in setting the tremie, perform the acidization per the contract.
 - If the acidization results in a significant improvement in specific capacity, continue with remaining contract scope.
 - If the acidization does not result in a significant improvement, perform knockdown of the obstruction to total depth, evaluate specific capacity, and continue with contract scope.
 - If they are not successful, perform the outlined knockdown to total depth, and continue with acidization and remaining contract scope.

If you have any questions or would like to discuss further, please feel free to call me at any time.

Thank you,

Rani K. Smith, P.G.
Principal Hydrogeologist
JLA Geosciences, Inc.
1907 Commerce Lane, Suite 104
Jupiter, Florida 33458

From: Stephanie Weder
Sent: Tuesday, November 15, 2022 5:46 PM
To: Diana Rivera
Cc: Randolph Miller
Subject: Re: WUD 20-041 WTP 11 Wellfield Rehab - TP-2 Chlorination/BacT Summary

I'm in at 8:30 Diana be happy to call when I get in tomorrow. Yes they are to wear gloves prior to opening the containers. The likelihood of contamination from no gloves is very low however. In addition I don't think that would account for the multiple failures. The sampler must wear gloves and we will discuss with them.

Stephanie
Sent from my iPhone

On Nov 15, 2022, at 5:09 PM, Diana Rivera <drivera@pbcwater.com> wrote:

Stephanie and Randy,
We're having repeated failures of the WUD confirmation bac-t sampling at well TP-2.

During the most recent sampling, the consultant observed that the WUD sampler handled the sampling containers and took the caps off prior to putting gloves on. The sampler then put gloves on prior to collecting the sample.

I'd like to confirm if the sampling protocol calls for gloves to be put on prior to handling the sample containers.

The contractor's laboratory sampler was observed putting gloves on prior to handling the containers and taking caps off. The contractor's certified laboratory has had passing results.

I know that sampling is being rescheduled due to a leaking sample container, so I'd like to resolve this as soon as possible.

Would you both be available to discuss at 8:00 am on Wednesday?

From: Cali Guenov <CGuenov@jlageosciences.com>
Sent: Friday, November 11, 2022 9:16 AM
To: Diana Rivera <drivera@pbcwater.com>
Cc: Rani Smith <rsmith@jlageosciences.com>
Subject: TP-2 Chlorination/BacT Summary

This Message Is From an External Sender

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Hey Diana,

See below for a summary of the chlorination/BacT work done at TP-2. If you have any questions or comments, please let me know.

PALM BEACH COUNTY
WATER UTILITIES DEPARTMENT

WORK DIRECTIVE

To: All Webbs Enterprises, Inc.
Contractors Name

309 Commerce Way, Jupiter, FL 33458
Address

Project Name: Upper Floridan Aquifer (UFA) Well Rehabilitation
WUD Project No.: 20-041
Work Directive No.: 2

Resolution No. R2021-1081

In accordance with the Contract you are authorized to perform the following scope of work

Perform Line Item Nos. A16 and A17 for partial back-plugging of the production interval of Well PW-10. See the attached Schedule of Bid Prices and email. Thirty-one (31) additional contract days are added to the contract time for completion of this work.

_____ Time and materials as specified in the Contract Documents

X _____ Lump Sum Price of \$95,000.00.

Note: This Work Directive will be incorporated into a Change Order that will be submitted to the Contract Review Committee, Board of County Commissioners or Palm Beach County Water Utilities Director for approval.

Authorized by:

Jane House, P.E.
(Printed Name)

Director of Engineering
Title


Signature

3/14/2023
Date

JMH

SCHEDULE OF BID PRICES

WUD Project No.: 20-041

Project Name: Upper Floridan Aquifer (UFA) Well Rehabilitation

ITEM NO.		QUANTITY	UNIT	UNIT PRICE	EXTENDED PRICE
A1	Bonds, Insurance, Indemnification (max. 1%)	1	L.S.	15,000	15,000
A2	General Conditions (max. 5%)	1	L.S.	75,000	75,000
A3	Mobilization/Demobilization (max. 15%)	8	Each	22,000	176,000
A4	Removal and reinstallation of existing well pump and motor, wellhead, appurtenances	8	Each	15,000	120,000
A5	Electrical work	8	Each	4,000	32,000
A6	Perform static and dynamic inspection video log	16	Each	5,000	80,000
A7	Perform complete geophysical logging	8	Each	10,000	80,000
A8	Complete setup, placement and removal for acidization	8	Each	20,000	160,000
A9	Furnish well acid (20 Baume)	80,000	Gallons	5.00	400,000
A10	Pump develop well	800	Hours	200	160,000
A11	Specific capacity performance testing	64	Hours	500	32,000
A12	Formation water disposal system	8	Each	20,000	160,000
A13	Well facility disinfection	8	Each	15,000	120,000
A14	Bacteriological sampling and testing	8	Each	7,500	60,000
A15	Site Restoration	8	Each	20,000	160,000
A16	Complete setup and removal of equipment and material for performing downhole grouting activities (OPTIONAL)	1	Each	60,000	60,000
A17	Back plugging of production interval with neat cement (OPTIONAL)	700	94 lbs. sack	50	35,000

TOTAL BID (A1 through A17) \$ 1,925,000
TOTAL BID IN
WORDS: ONE MILLION NINE HUNDRED TWENTY FIVE
THOUSAND DOLLARS AND ZERO CENTS.

(Amounts are to be shown in both words and figures. In case of discrepancies, the amount shown in words will govern.)

This bid will be Lump Sum. The Bidder agrees to furnish and pay for all materials necessary to complete all of the Work in accordance with all requirements of the Contract Documents and in accordance with all applicable codes and governing regulations, within the time limit specified. Bidder assumes all costs, delays and risks associated with all conditions or occurrences which cause or might cause an increase in Bidder's costs to complete the Work or which cause or might cause delays in Bidder's prosecution of the Work.

Diana Rivera

Subject: FW: PW-10 Grouting Recommendation
Attachments: PW-10 Backfill Summary_Final.pdf

From: Rani Smith <rsmith@jlageosciences.com>
Sent: Wednesday, March 8, 2023 2:55 PM
To: Diana Rivera <drivera@pbcwater.com>
Subject: FW: PW-10 Grouting Recommendation

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Rani K. Smith, P.G.
Principal Hydrogeologist
JLA Geosciences, Inc.
1907 Commerce Lane, Suite 104
Jupiter, Florida 33458
(772) 214-9497 (cell)
(561) 746-0228 (office)
(561) 746-0119 (fax)
jlageosciences.com

From: Rani Smith
Sent: Tuesday, March 7, 2023 11:59 AM
To: Diana Rivera <drivera@pbcwater.com>
Cc: Cali Guenov <CGuenov@jlageosciences.com>
Subject: RE: PW-10 Grouting Recommendation

Diana,

Attached, please find the final PW-10 backfill summary to date. The timeframe for the PW-10 backfill began after the completion of contract-included geophysical logging (1/27/2023) to the approval date of the additional video and geophysical logging for Work Directive No. 3 (2/27/2023). The total calendar days for this period is 31 days.

PW-10 BACKFILL SUMMARY

Date	Stage	bbf	yd3	ft3	94-lbs sacks (to match contract units)	Total Linear ft lift	Daily Linear ft lift	Pre tag	Post tag
2/6/2023	Stage 1 Grout	106	--	595	702	0.0	0.0	1,109	1,109
2/6/2023	Stage 2 Grout	12	--	67	80	2.0	2.0	1,107	1,107
2/7/2023	Stage 3 Grout	60	--	337	398	2.0	0.0	1,107	1,107
2/8/2023	Gravel	--	6	162	191	2.0	0.0	1,107	1,105
2/9/2023	Gravel	--	16.5	446	526	4.0	2.0	1,105	1,101
2/10/2023	Gravel	--	18.75	506	597	7.9	3.9	1,101	1,101
2/13/2023	Gravel	--	12	324	382	7.9	0.0	1,101	1,101
2/15/2023	Stage 4 Grout	30	--	168	199	35.7	27.8	1,073	1,067
2/16/2023	Stage 5 Grout	30	--	168	199	41.68	5.9	1,067	1,064
2/17/2023	Stage 6 Grout	25	--	140	166	45.37	3.7	1,064	1,061
2/20/2023	Stage 7 Grout	20	--	112	133	48.45	3.1	1,061	1,058
2/21/2023	Stage 8 Grout	20	--	112	133	50.90	2.5	1,058	1,056
2/21/2023	Stage 9 Grout	7	--	39	46	53.34	2.4	1,056	1,046
TOTAL					3,704				

700 sacks (Contract estimated vol.)
 3,004 sacks (Overage)
 \$ 150,199.10 dollar value for overage

PALM BEACH COUNTY
WATER UTILITIES DEPARTMENT

WORK DIRECTIVE

To: All Webbs Enterprises, Inc.
Contractors Name

309 Commerce Way, Jupiter, FL 33458
Address

Project Name: Upper Floridan Aquifer (UFA) Well Rehabilitation
WUD Project No.: 20-041
Work Directive No.: 3

Resolution No. R2021-1081

In accordance with Contract Line Item Nos. A3, A6, A7 you are authorized to perform the following scope of work

Complete additional geophysical logging investigation work on Well PW-10. See the attached Schedule of Bid Prices and email from JLA Geoscience. Two (2) additional contract days are added to the contract time for completion of this work.

 Time and materials as specified in the Contract Documents

 X Lump Sum Price of \$10,000.00.

Note: This Work Directive will be incorporated into a Change Order that will be submitted to the Contract Review Committee, Board of County Commissioners or Palm Beach County Water Utilities Director for approval.

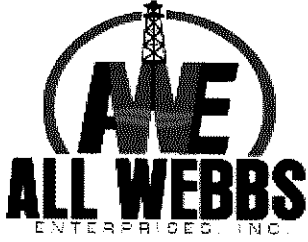
Authorized by:

Jane House, P.E.
(Printed Name)

Director of Engineering
Title

J. House
Signature

2/27/2023
Date



February 24, 2023

Rani K. Smith, P.G.
Principal Hydrogeologist
JLA Geosciences, Inc.
1907 Commerce Lane, Suite 104
Jupiter, Florida 33458

RE: 20-041 Well 10 Additional Investigation

Dear Rani,

As requested, below is the scope of work and pricing to complete the additional investigation work on PW 10.

- A3 – Mob/Demob (Partial for Logging) \$1,500
- A6 – Static and Dynamic Video \$5,000
- A7 – (Partial) Geophysical Logging \$3,500
- 2 days additional work plus time (days) for approval to proceed

Thank you.

David Webb Jr.

Diana Rivera

Subject: FW: WUD 20-041 - Well PW-10 Post Backfill Recommendation

Importance: High

From: Diana Rivera

Sent: Friday, February 24, 2023 10:54 AM

To: Jane House <JHouse@pbcwater.com>

Cc: Krystin Berntsen <KBerntsen@pbcwater.com>; Nicole Gumbs <NGumbs@pbcwater.com>; Pollop Phonpornwithoon <PPhonpornwithoon@pbcwater.com>; John Acton <JActon@pbcwater.com>; Jason Davis (jdavis1@pbcwater.com) <jdavis1@pbcwater.com>

Subject: FW: WUD 20-041 - Well PW-10 Post Backfill Recommendation

Importance: High

Jane,
AWE has backfilled the production interval of well PW-10 to the targeted depth.

JLA has tested the well and noted that the specific conductance is 9,700 uS/cm (however, it should be noted that the residual kill water may have affected the water quality). The specific conductance may decrease with additional development.

The specific capacity is greater than when the well was originally constructed. The increased specific capacity (and specific conductance) may indicate that a zone was not completely sealed off and that more grout is needed.

The only way to confirm this is to perform additional video and geophysical logging for an additional approx. cost of \$15,000. If additional grout/backfill is needed, AWE will need to remobilize for additional cost.

Please advise if AWE can proceed with the additional logging to confirm the condition of the well. JLA will use this information to provide a recommendation for the well, which may include additional backfilling if necessary.

From: Rani Smith <rsmith@ilageosciences.com>

Sent: Thursday, February 23, 2023 7:52 PM

To: Diana Rivera <drievera@pbcwater.com>

Cc: Jim Andersen <JAndersen@ilageosciences.com>

Subject: PW-10 Post Backfill Recommendation

This Message Is From an External Sender

This message came from outside your organization.

Diana,

AWE and JLA conducted a post-backfill preliminary specific capacity and water quality test at well PW-10 this evening. The specific capacity showed a decrease from 282 gpm/ft to 80 gpm/ft at 900 gpm. The specific conductance was approximately 9700 uS/cm, which is higher than pre-backfill (however, it should be noted that the residual kill water may have affected the water quality). Hydrogen sulfide levels were found to be in the 10-20 range, which is similar to the pre-backfill levels.

Currently, the preliminary specific capacity is higher than what was encountered during well construction at this completion depth. Ideally, we are in range of the other WTP 11 wells, which are 20 to 50 gpm/ft at 900 gpm. To evaluate where the additional flow is coming from, we recommend conducting a well video and geophysical logging of the production interval. AWE

will need to remove the currently installed tremie line from the well, perform a static and dynamic well video, and geophysical flow/FCT logging to carry out this evaluation. While the contract includes a line item for a well video and geophysical logging, the geophysical logging line item incorporates ALL logs, which is more than what is required. To reduce costs, we suggest obtaining a cost proposal from AWE to perform the additional specific geophysical logging. Once we have reviewed data from the additional video and logging, we will prepare a recommendation for the well, which may include additional backfilling if necessary. If additional backfilling of the borehole is necessary, AWE will need to re-install the tremie and set up again for additional backfilling of the borehole.

We have requested AWE to flow the well to verify the preliminary water quality data while this recommendation is under review by WUD.

Please find the applicable contract line items below for your reference. Should you have any questions or wish to discuss further, please do not hesitate to contact us. Jim and I are available to discuss the matter with you tomorrow.

A6	Perform static and dynamic inspection video log	16	Each	5,000.00
A7	Perform complete geophysical logging	8	Each	10,000.00
A16	Complete setup and removal of equipment and material for performing downhole grouting activities (OPTIONAL)	1	Each	60,000.00
A17	Backplug of production interval with neat cement (OPTIONAL)	700	94 lbs sack	50.00

Thank you,

Rani K. Smith, P.G.
Principal Hydrogeologist
JLA Geosciences, Inc.
1907 Commerce Lane, Suite 104
Jupiter, Florida 33458
(772) 214-9497 (cell)
(561) 746-0228 (office)
(561) 746-0119 (fax)
jlageosciences.com

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Inter-Office Memorandum

Palm Beach County



Water Utilities Department

DATE: April 12, 2023

TO: File

FROM: Diana Rivera, P.E., Plant Design
DWR Water Utilities Department, Engineering Division

RE: Upper Floridan Aquifer (UFA) Well Rehabilitation
Reason for Change Order No. 3

FILE: Project WUD 20-041

This change order adds six (6) contract days to allow for delays to the contractor due to laboratory protocols that were not followed during confirmation sampling at Well PW-6. An additional twenty-six (26) contract days were added for the same issue at Well TP-2.

This change order provides six (6) contract days to the contract to allow for evaluation of an obstruction in the production interval of Well PW-6. Standby compensation costs in the amount of \$3,000 (\$1,000/day) are associated for the 3-days needed to provide direction to the contractor on how to proceed.

This change order is to perform optional Contract Line Item Nos. A16 and A17 for partial back-plugging of the production interval of Well PW-10 in order to improve water quality. Due to the size of the open hole at well PW-10, additional back-plugging in the amount of 3,004 sacks of grout was needed. Thirty-one (31) additional contract days are added to the contract time for completion of this work.

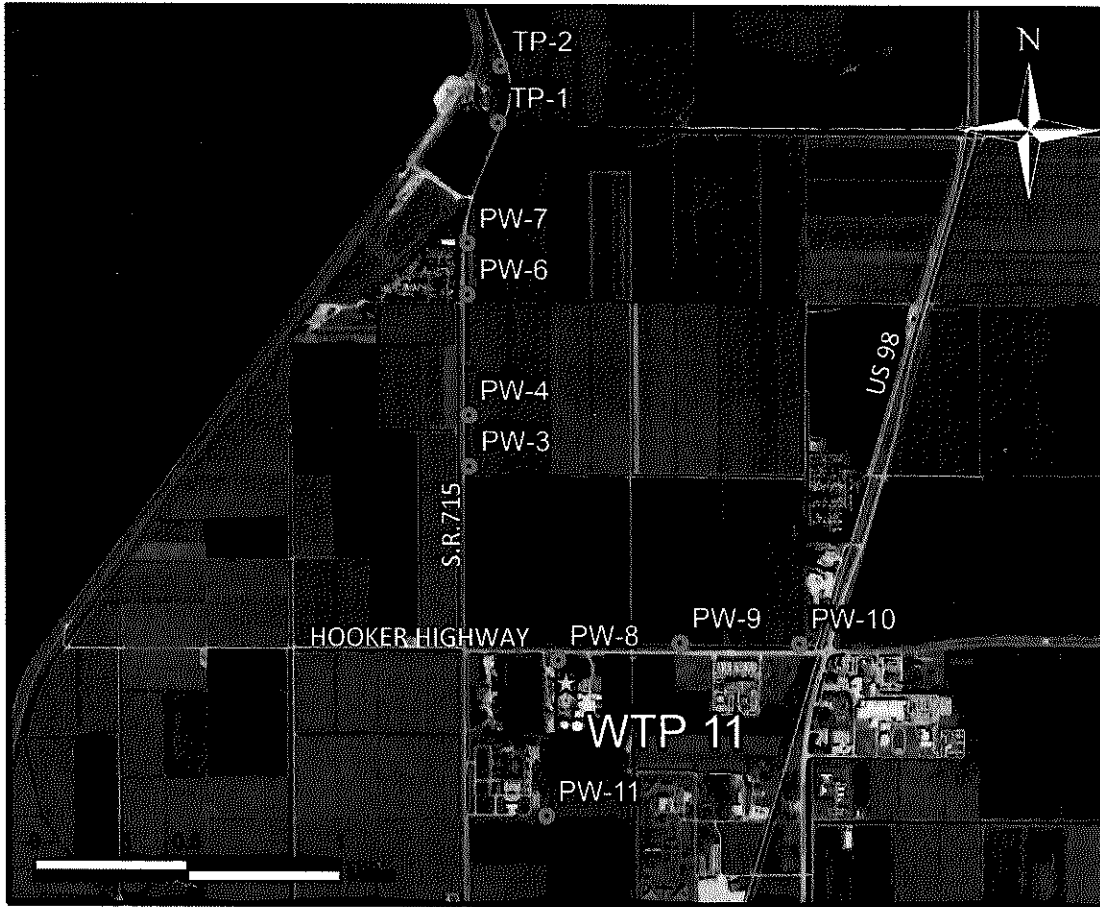
An additional investigational video and geophysical logging of the borehole (Line Item No. A7) to evaluate if additional back-plugging of the PW-10 borehole was required. Fifteen (15) additional contract days are added to the contract time for completion of this work.

The total contract time will be increased by eighty-four (84) days. See the enclosed Work Directive No. 2, 3, and documentation by JLA Geosciences, Inc., in Attachment F.

ATTACHMENT 2

LOCATION MAP

PBCWUD Project No.: 20-041



● WTP 11 Production Well Location

★ WTP 11 Plant Location

ATTACHMENT 3

Print Date 5/10/2023 6:32:14 AM

Page 1 of 1



**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
DX00001492	All Webbs Enterprises, Inc.	Modified	Compliant					WUD 20-041	Upper Floridan Aquifer (UFA) Well Rehabilitation
		A+r , XV	Depositors Insurance Company	ACP3029536665	11/2/2022	11/2/2023	Auto Liability		
		A+r , XV	Allied Insurance Company of America	ACP3029536665	11/2/2022	11/2/2023	Excess Liability		
		A+r , XV	Depositors Insurance Company	ACP3029536665	11/2/2022	11/2/2023	General Liability		
		A+r , XV	Allied Insurance Company of America	ACP3029536665	11/2/2022	11/2/2023	Installation Floater		
		NR-5 ,	FCBI	106596432022	1/1/2023	1/1/2024	Workers Comp		

Risk Profile : Standard - Construction Services

Required Additional Insured : Palm Beach County Board of County Commissioners

Ownership Entity :