



**II. FISCAL IMPACT ANALYSIS**

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

Fiscal Years	2024	2025	2026	2027	2028
Capital Expenditures	\$218,831	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
<b>NET FISCAL IMPACT</b>	<b>\$218,831</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
# 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     

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:**

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

C. Department Fiscal Review: Joony Solomon GS

**III. REVIEW COMMENTS**

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

<u>ASD/EAH</u> 5/16/24 OFMB JAH 5/15 REF 5/15	<u>Kunda Mack</u> 5/24/24 Contract Development and Control Ref 5/23/24
--	--

**B. Legal Sufficiency:**

[Signature] 5/24/24  
 Assistant County Attorney

**C. Other Department Review:**

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

CHANGE ORDER NO. 2  
Palm Beach County Water Utilities Department  
*Wellfield Improvements Phase 2*  
Resolution No. R2021-1923 Contract Dated 12/21/2021

**Project Title:** Wellfield Improvements Phase 2

**PBCWUD Project No.:** 19-022

**Contractor:** Florida Design Drilling LLC

**Address:** 733 Hooper Road, West Palm Beach, FL 33411

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

**District:** 2

**Notice to Proceed:** 12/30/2021

The Contract provides for 28.55% SBE participation, which includes 11.58% M/WBE participation, 10.77% MBE (B), 0.09% MBE (H), and 0.72% WBE. This Change Order includes 15.36% overall participation which includes, 5.90% M/WBE participation, 5.90% MBE (B), 0.00% MBE (H), and 0.00% WBE. The cumulative SBE participation, including this Change Order is 28.25%, which includes 11.43% M/WBE participation, 10.63% MBE (B), 0.08% MBE (H), and 0.70% WBE.

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

1. Furnish and install an 8"x4" and 8"x6" ductile iron filler flanges for wells 8W-6 and 8W-23, respectively, located at Water Treatment Plant No. 8. No additional time is required for this work. See the enclosed Work Directive No. 6, and documentation by JLA Geosciences, Inc., in Attachment F. **\$8,726.90**
  
2. Provide crew and equipment to drill Well 2W-5R in a new location at Water Treatment Plant No. 2. No additional time is required for this work at this time. See enclosed Work Directive No. 7 and documentation by JLA Geosciences, Inc., in Attachment F. **\$195,419.70**
  
3. Furnish and install two (2) 48" x "30 x 36" electrical manholes between PMH-10 and Well 8W-3 to facilitate safe installation of power conductors. See enclosed Work Directive No. 8 and documentation by JLA Geosciences, Inc., in Attachment F. **\$14,684.07**
  
4. Add eighty-seven (87) calendar days to Interim Milestone No. 2 due to additional tree removal and Ground Penetrating Radar (GPR) work. This work is needed as a predecessor to the installation of an electrical ductbank. The requested time extension does not impact contractual substantial and final completion dates. See notification letter from Florida Design Drilling LLC and documentation by JLA Geosciences, Inc. in Attachment F. **\$0.00**
  
5. Add two-hundred and sixty-five (265) days to Interim Milestone No. 3 and Interim Milestone No. 4 due to a delay of the 4160V transformers. The requested time extension does not impact contractual substantial and final completion dates. See documentation in Attachment F. See notification letter from Florida Design Drilling LLC and documentation by JLA Geosciences, Inc. in Attachment F. **\$0.00**
  
6. Add two-hundred and ten (210) days to Interim Milestone No. 5 due to delayed Variable Frequency Drives (VFDs) for wells at Water Treatment Plant No. 8. The substantial and final completion dates of this contract are impacted by this time extension. See notification letter from Florida Design Drilling LLC and documentation by JLA Geosciences, Inc. in Attachment F. **\$0.00**

CHANGE ORDER NO. 2  
Palm Beach County Water Utilities Department  
Wellfield Improvements Phase 2  
Resolution No. R2021-1923 Contract Dated 12/21/2021

7. Extend Contract eighty (80) days due to delay of Interim Milestone No. 5, which is on the critical path for the schedule and impacts the contractual substantial and final completion dates. See notification letter from Florida Design Drilling LLC and documentation by JLA Geosciences, Inc. in Attachment F. \$0.00

**Total: \$218,830.67**

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><u>\$ 9,944,000.00</u></b>
Net Change by previous Change Order.....	<b><u>\$ 29,810.06</u></b>
The Contract Sum prior to this Change Order was.....	<b><u>\$ 9,973,810.06</u></b>
The Contract Sum will be <b>increased/decreased</b> by this Change Order.....	<b><u>\$ 218,830.67</u></b>
The New Contract Sum indicating this Change Order will be.....	<b><u>\$10,192,640.73</u></b>
The Date of Substantial Completion prior to this Change Order was .....	<b><u>June 17, 2024</u></b>
The Date of Final Completion prior to this Change Order was .....	<b><u>July 17, 2024</u></b>
The Contract Time will be <b>increased/decreased</b> by.....	<b><u>80 Days</u></b>
The Date of Substantial Completion including this Change Order.....	<b><u>September 5, 2024</u></b>
The Date of Final Completion including this Change Order.....	<b><u>October 5, 2024</u></b>

CHANGE ORDER NO. 2  
Palm Beach County Water Utilities Department  
Wellfield Improvements Phase 2  
Resolution No. R2021-1923 Contract Dated 12/21/2021

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.

Florida Design Drilling LLC  
**CONTRACTOR**

8100 Forest Hill Blvd.  
West Palm Beach, FL 33413  
**ADDRESS**

*Jeffrey Holst*  
**SIGNATURE**

Jeffrey Holst  
**PRINT NAME**

Sr. Vice President  
**TITLE**

4/3/24  
**DATE**

Palm Beach County Water Utilities Department  
**ENGINEER**

8100 Forest Hill Blvd.  
West Palm Beach, FL 33413  
**ADDRESS**

*Nicole Gumbs*  
**SIGNATURE**

Nicole Gumbs, P.E.  
**PRINT NAME**

Project Manager  
**TITLE**

4/9/2024  
**DATE**

Palm Beach County Board of County Commissioners  
**OWNER**

301 N. Olive Avenue  
West Palm Beach, FL 33401  
**ADDRESS**

*Maria Sachs*  
**SIGNATURE**

Maria Sachs  
**PRINT NAME**

Mayor  
**TITLE**

**DATE**

*NPG*

STATE OF FLORIDA  
COUNTY OF Palm Beach

The foregoing instrument was acknowledged before me by means of  physical presence or  online notarization this 3<sup>rd</sup> day of April, 2024 by Jeffrey Holst who is  personally known to me or  has produced \_\_\_\_\_ as identification.

*Michael Perez*  
(Signature of Notary Public, State of Florida)

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

Approved as to Form and Legal Sufficiency

By: *Joseph Abruzzo*  
County Attorney

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

By: \_\_\_\_\_  
Deputy Clerk



CHANGE ORDER NO. 2  
Palm Beach County Water Utilities Department  
*Wellfield Improvements Phase 2*  
Resolution No. R2021-1923 Contract Dated 12/21/2021

**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 and Schedule 2
<b>ATTACHMENT D</b>	Location Map
<b>ATTACHMENT E</b>	Bond Rider
<b>ATTACHMENT F</b>	Supporting Documentation

**ATTACHMENT A**  
**CHANGE ORDER NO. 2 SUMMARY AND CATEGORIZATION**

**Project Title:** Wellfield Improvements Phase 2  
**PBCWUD Project No.:** 19-022  
**Resolution No.:** R2021-1923

Item No.	C.O. Code	Scope of Work	Additions	(Deletions)	Net Change	Time
1	2	Furnish and install an 8"x4" and 8"x6" ductile iron filler flanges for wells 8W-6 and 8W-23, respectively, located at Water Treatment Plant No. 8. No additional time is required for this work.	\$8,726.90	\$ 0.00	\$8,726.90	0 Days
2	2	Provide crew and equipment to drill Well 2W-5R in a new location at Water Treatment Plant No. 2. No additional time is required for this work at this time.	\$195,419.70	\$ 0.00	\$195,419.70	0 Days
3	2	Furnish and install two (2) 48" x "30 x 36" electrical manholes between PMH-10 and Well 8W-3 to facilitate safe installation of power conductors.	\$14,684.07	\$ 0.00	\$14,684.07	0 Days
4	2	Add eighty-seven (87) calendar days to Interim Milestone No. 2 due to additional tree removal and GPR work. This work is needed as a predecessor to the installation of an electrical ductbank. The requested time extension does not impact contractual substantial and final completion dates.	\$ 0.00	\$ 0.00	\$ 0.00	87 Days <sup>(1)</sup>
5	8	Add two-hundred and sixty-five (265) days to Interim Milestone No. 3 and Interim Milestone No. 4 due to a delay of the 4160V transformers. The requested time extension does not impact contractual substantial and final completion dates.	\$ 0.00	\$ 0.00	\$ 0.00	265 Days <sup>(2)</sup>
6	8	Add two-hundred and ten (210) days to Interim Milestone No. 5 due to delayed VFDs for wells at Water Treatment Plant No. 8. The substantial and final completion dates of this contract are impacted by this time extension.	\$ 0.00	\$ 0.00	\$ 0.00	210 Days <sup>(3)</sup>
7	8	Extend Contract eighty (80) days due to delay of Interim Milestone No. 5, which is on the critical path for the schedule and impacts the contractual substantial and final completion dates.	\$ 0.00	\$ 0.00	\$ 0.00	80 Days <sup>(3)</sup>
<b>Total</b>			<b>\$248,640.73</b>	<b>\$ 0.00</b>	<b>\$248,640.73</b>	<b>80 Days</b>

**ATTACHMENT A**  
**CHANGE ORDER NO. 2 SUMMARY AND CATEGORIZATION**

**Project Title:** Wellfield Improvements Phase 2

**PBCWUD Project No.:** 19-022

**Resolution No.:** R2021-1923

**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*] \_\_\_\_\_

<sup>(1)</sup> Item No. 4 adds 87 days to the second interim milestone completion deadline. This time request has no impact on the total contract time.

<sup>(2)</sup> Item No. 5 adds 265 days to the third and fourth interim milestone completion deadlines. This time request has no impact on the total contract time.

<sup>(3)</sup> Item No. 6 adds 210 day to the fifth interim milestone completion deadline. This time request impacts the total contract time by 80 days. A contract extension of 80 days is requested per Item No. 7.



**ATTACHMENT B**

**CHANGE ORDER ADDITIONS/DELETIONS SUMMARY**

Project Title: Wellfield Improvements Phase 2  
 Contractor: Florida Design Drilling LLC  
 PBCWUD Project No.: 19-022  
 Resolution No.: R2021-1923  
 Date Approved: 12/21/2021  
 Contract Amount: \$9,944,000.00

**APPROVAL LIMITS:**

<b><u>Department Head</u></b>	<b><u>Contract Review Committee</u></b>
<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	12/08/2022	\$29,810.06	\$29,810.06	0	\$0.00	0	\$29,810.06	0	\$0	0	\$29,810.06
2	Pending	\$218,830.67	\$0.00	0	\$0.00	0	\$0.00	0	\$218,830.67	80	\$218,830.67
		\$248,640.73	\$29,810.06	0	\$0.00	0	\$29,810.06	0	\$218,830.67	80	\$248,640.73

**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: Wellfield Improvements - Phase 2  
 SOLICITATION OPENING/SUBMITTAL DATE: 8/22/22

SOLICITATION/PROJECT/BID NO.: 19-022  
 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: Florida Design Drilling LLC ADDRESS: 7733 Hooper Road, West Palm Beach, FL 33411

CONTACT PERSON: Jeffrey Holst PHONE NO.: 561-818-3228 E-MAIL: jeff@fldrilling.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$185,217.39

\*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
		Minority Business	Women Business	Small Business						
1. PYKE ELECTRIC INC., 5872 TRIPHAMMER ROAD, LAKE WORTH, FL 33463, 561-628-3009	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$12,913.28					
2. ENERGY EFFICIENT ELECTRIC, INC., 1600 MERCER AVE., STE 6, W. PLAM BCH, FL 33401, 561-655-7211	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>				\$20,700.00		
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 \$12,913.28 \$20,700.00

Total Bid/Offer Price \$ \$218,830.67

Total Certified S/M/WBE Participation \$ \$33,613.28

I hereby certify that the above information is accurate to the best of my knowledge: Jeffrey Holst *Jeffrey Holst* Senior 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**

Revised 03/05/2024

**OEBO LETTER OF INTENT – SCHEDULE 2**

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: WUD 19-022

SOLICITATION/PROJECT NAME: Wellfield Improvements - Phase 2

Prime Contractor: Florida Design Drilling LLC

Subcontractor: ENERGY EFFICIENT ELECTRIC, INC.

**(Check box(s) that apply)**

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 9/4/21-9/3/24

The undersigned affirms they are the following (select one from each column if applicable):

**Column 1**

**Column 2**

**Column 3**

Male Female

African-American/Black Asian American Caucasian American

Supplier

Hispanic American Native American

**S/M/WBE PARTICIPATION** – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	Electrician		1 LS		\$20,700.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$20,700.00

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

N/A

Price or Percentage: \$0.00

Name of 2<sup>nd</sup>/3<sup>rd</sup> tier Subcontractor/subconsultant

Florida Design Drilling LLC

Print Name of Prime

By: Jeffrey Holst

Authorized Signature

Jeffrey Holst

Print Name

Senior Vice President

Title

Date: 5/13/24

ENERGY EFFICIENT ELECTRIC, INC.

Print Name of Subcontractor/subconsultant

By: Patricia J. Downey

Authorized Signature

Patricia J. Downey

Print Name

Secretary

Title

Date: 5-10-24

Revised 09/17/2019

**OEBO LETTER OF INTENT – SCHEDULE 2**

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: WUD 19-022

SOLICITATION/PROJECT NAME: Wellfield Improvements - Phase 2

Prime Contractor: Florida Design Drilling LLC Subcontractor: Pyke Electric Inc.

**(Check box(s) that apply)**

SBE  WBE  MBE  M/WBE  Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 10/19/23-10/18/26

The undersigned affirms they are the following (select one from each column if applicable):

<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>
<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	<input checked="" type="checkbox"/> African-American/Black <input type="checkbox"/> Asian American <input type="checkbox"/> Caucasian American <input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	<input type="checkbox"/> Supplier

**S/M/WBE PARTICIPATION** – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	Electrician		1 LS		\$12,913.28

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$12,913.28

**If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.**

N/A  
Name of 2<sup>nd</sup>/3<sup>rd</sup> tier Subcontractor/subconsultant

Price or Percentage: \$0.00

Florida Design Drilling LLC

Print Name of Prime

By: Jeffrey Holst  
Authorized Signature

Jeffrey Holst  
Print Name

Senior Vice President

Title

Date: 4/3/24

Pyke Electric Inc.

Print Name of Subcontractor/subconsultant

By: [Signature]  
Authorized Signature

John Pyke  
Print Name

President

Title

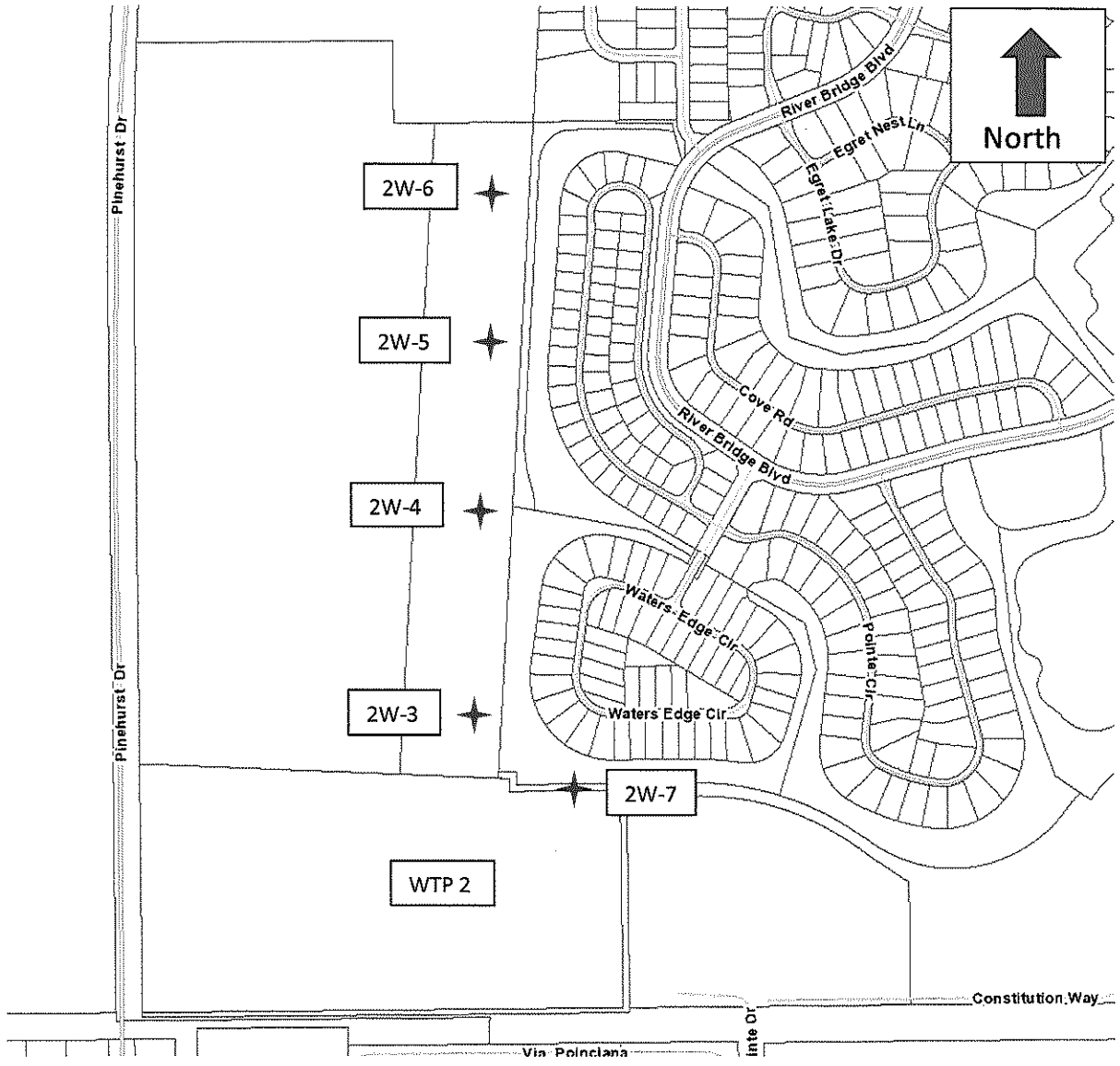
Date: 04/03/24

**ATTACHMENT D**

**LOCATION MAP**

Revised 03/05/2024

ATTACHMENT D  
LOCATION MAP  
PBCWUD Project No. 19-022  
Water Treatment Plant No. 2



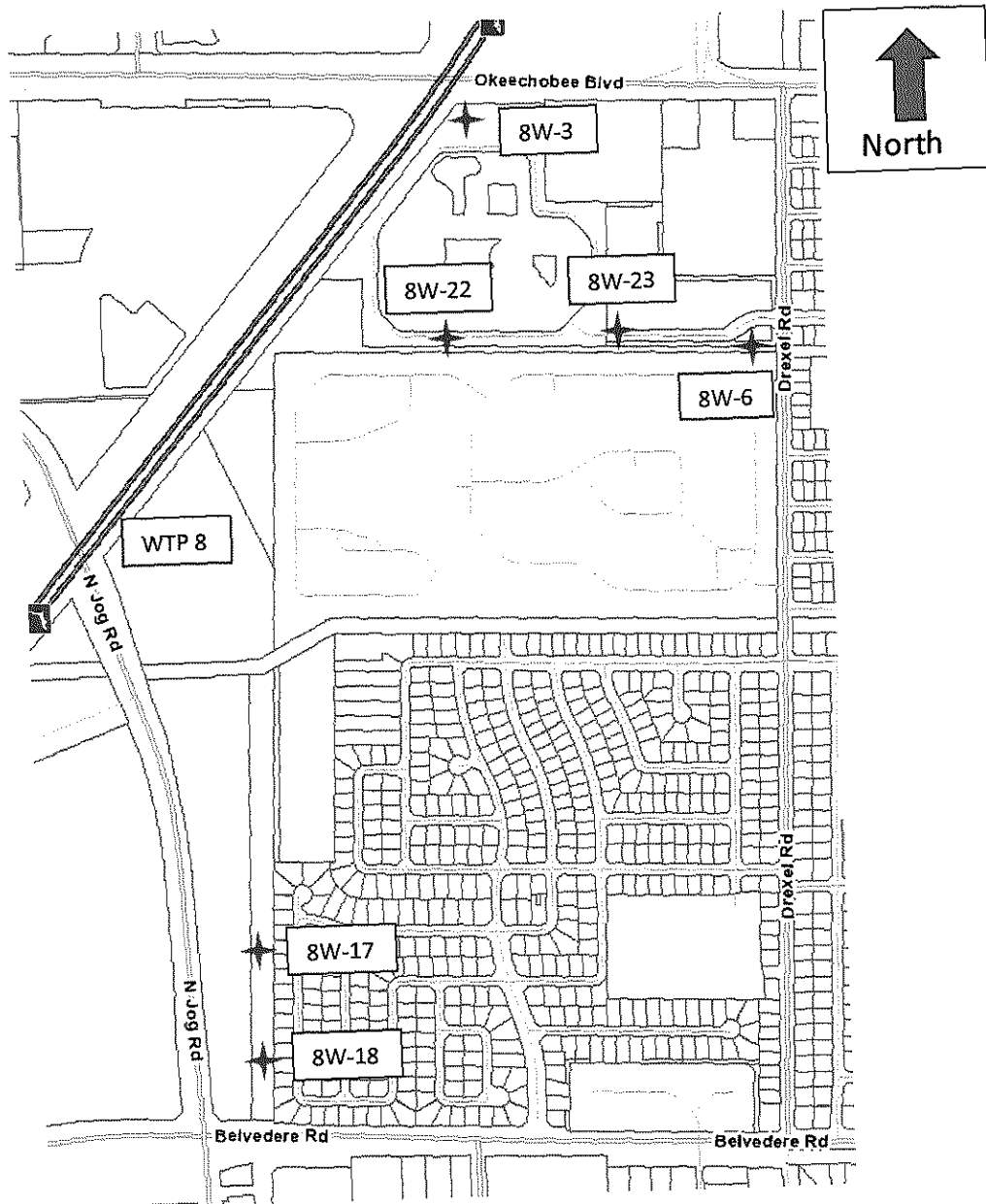
★ Well Locations

Not to Scale

WTP 2 – Water Treatment Plant No. 2



**ATTACHMENT D  
LOCATION MAP  
PBCWUD Project No. 19-022  
Water Treatment Plant No. 8**



★ Well Locations

WTP 8 – Water Treatment Plant No. 8

Not to Scale

**ATTACHMENT E**

**BOND RIDER**

Revised 03/05/2024

LINE 10040130193  
DR BE BIVAS PG 175  
RECORDED 04/10/24 10:40 AM  
Palm Beach County, Florida  
Clerk of Court  
Page 121 - 121 (2024)

# INCREASE PENALTY RIDER

## No. 2

BOND NO. GM213162

To be attached and form a part of Bond No. GM213162 dated the 21st Day of December, 2021, executed by Great Midwest Insurance Company as surety, on behalf of Florida Design Drilling Corporation as current principal of record, and in favor of Palm Beach County Board of County Commissioners, as Obligee for Wellfield Improvements Project - Phase 2, Project No. WUD 19-022, and in the amount of Nine Million Nine Hundred Seventy Three Thousand Eight Hundred Ten Dollars and 06/100 (\$9,973,810.06).

In consideration of the agreed premium charged for this bond, it is understood and agreed that Great Midwest Insurance Company hereby consents that said bond shall be amended as follows:

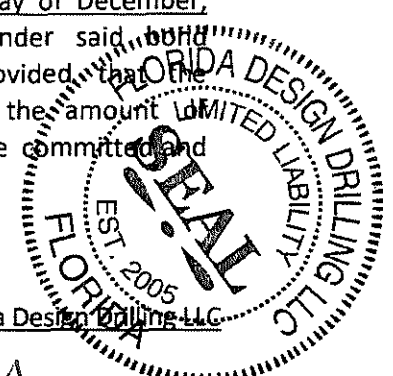
- 1) Principal name is amended from Florida Design Drilling Corporation to Florida Design Drilling LLC
- 2) THE BOND PENALTY SHALL BE INCREASED in accordance with Change Order No. 2:

FROM: Nine Million Nine Hundred Seventy-Three Thousand Eight Hundred Ten Dollars and 06/100 (\$9,973,810.06)

TO: Ten Million One Hundred Ninety-Two Thousand Six Hundred Forty Dollars and 73/100 (\$10,192,640.73)

The INCREASE of said bond penalty shall be effective as of the 21st Day of December, 2021, and does hereby agree that the continuity of protection under said ~~bond~~ subject to changes in penalty shall not be impaired hereby, provided that the aggregate liability of the above mentioned bond shall not exceed the amount of liability assumed by it at the time the act and/or acts of default were committed and in no event shall such liability be cumulative.

Signed, sealed and dated this 10th Day of April, 2024



Florida Design Drilling LLC

By: Jeffrey Holst  
Jeffrey Holst, Senior Vice President PRINCIPAL

Great Midwest Insurance Company

By: Brett Rosenhaus  
Brett M. Rosenhaus, ATTORNEY-IN-FACT



**POWER OF ATTORNEY**  
**Great Midwest Insurance Company**

KNOW ALL MEN BY THESE PRESENTS, that **GREAT MIDWEST INSURANCE COMPANY**, a Texas Corporation, with its principal office in Houston, TX, does hereby constitute and appoint:

Dale A. Belis, Marilyn Ann Blome, Donald Bramlage, Edward M. Clark, Christian Collins, F. Danny Gann, David R. Hoover, Jarrett Merlucci, Laura D. Mosholder, Charles J. Nielson, Jessica P. Reno, Audria R. Ward, Edward T. Ward, Kevin Wojtowicz, Richard Zimmerman, Charles D. Nielson, Brett M. Rosenhaus

its true and lawful Attorney(s)-In-Fact to make, execute, seal and deliver for, and on its behalf as surety, any and all bonds, undertakings or other writings obligatory in nature of a bond.

This authority is made under and by the authority of a resolution which was passed by the Board of Directors of **GREAT MIDWEST INSURANCE COMPANY**, on the 1<sup>st</sup> day of October, 2018 as follows:

Resolved, that the President, or any officer, be and hereby is, authorized to appoint and empower any representative of the Company or other person or persons as Attorney-In-Fact to execute on behalf of the Company any bonds, undertakings, policies, contracts of indemnity or other writings obligatory in nature of a bond not to exceed Ten Million dollars (\$10,000,000.00), which the Company might execute through its duly elected officers, and affix the seal of the Company thereto. Any said execution of such documents by an Attorney-In-Fact shall be as binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company. Any Attorney-In-Fact, so appointed, may be removed in the Company's sole discretion and the authority so granted may be revoked as specified in the Power of Attorney.

Resolved, that the signature of the President and the seal of the Company may be affixed by facsimile on any power of attorney granted, and the signature of the Secretary, and the seal of the Company may be affixed by facsimile to any certificate of any such power and any such power or certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certificate so executed and sealed shall, with respect to any bond of undertaking to which it is attached, continue to be valid and binding on the Company.

IN WITNESS THEREOF, **GREAT MIDWEST INSURANCE COMPANY**, has caused this instrument to be signed by its President, and its Corporate Seal to be affixed this 11th day of February, 2021.

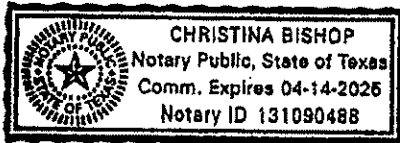


**GREAT MIDWEST INSURANCE COMPANY**

BY Mark W. Haushill  
Mark W. Haushill  
President

**ACKNOWLEDGEMENT**

On this 11th day of February, 2021, before me, personally came Mark W. Haushill to me known, who being duly sworn, did depose and say that he is the President of **GREAT MIDWEST INSURANCE COMPANY**, the corporation described in and which executed the above instrument; that he executed said instrument on behalf of the corporation by authority of his office under the By-laws of said corporation.

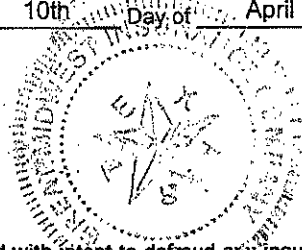


BY Christina Bishop  
Christina Bishop  
Notary Public

**CERTIFICATE**

I, the undersigned, Secretary of **GREAT MIDWEST INSURANCE COMPANY**, A Texas Insurance Company, DO HEREBY CERTIFY that the original Power of Attorney of which the foregoing is a true and correct copy, is in full force and effect and has not been revoked and the resolutions as set forth are now in force.

Signed and Sealed at Houston, TX this 10th Day of April, 2024



BY Leslie K. Shaanty  
Leslie K. Shaanty  
Secretary

**"WARNING: Any person who knowingly and with intent to defraud any insurance company or other person, files and application for insurance of claim containing any materially false information, or conceals for the purpose of misleading, information concerning any fact material thereto, commits a fraudulent insurance act, which is a crime and subjects such person to criminal and civil penalties.**

**ATTACHMENT F**

**SUPPORTING DOCUMENTATION**

Revised 03/05/2024

---

**PALM BEACH COUNTY  
WATER UTILITIES DEPARTMENT**

**WORK DIRECTIVE**

To: Jeffrey Holts, Sr. V.P.  
Florida Design Drilling Corporation  
Contractors Name

7733 Hooper Road  
West Palm Beach, FL 33411  
Address

Project Name: Wellfield Improvements – Phase 2  
Project No.: WUD 19-022  
Work Directive No.:   6  

Resolution No. R-2021-1923

In accordance with your cost proposal 12, dated August 29, 2023 you are authorized to perform the following scope of work:

1. Furnish and install an 8"x4" and 8"x6" ductile iron filler flanges for wells 8W-6 and 8W-23, respectively, located at Water Treatment Plant No. 8. No additional time is required for this work. Cost for this work is \$8,726.90.


  X   Lump Sum Price of \$8,726.90

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.  
Name

Director of Engineering  
Title

  
Signature

8/30/2023  
Date





FEL-POMPANO BEACH WW #125  
 1950 NW 18TH STREET  
 POMPANO BEACH, FL 33069-1394

Phone: 954-973-8100  
 Fax: 954-917-3134

Deliver To: . From: Gary Morgan Comments:
---

09:37:37 AUG 28 2023

Page 1 of 1

FEL-POMPANO BEACH, FL WW #125

Price Quotation  
 Phone: 954-973-8100  
 Fax: 954-917-3134

**Bid No:** B542234  
**Bid Date:** 08/24/23  
**Quoted By:** GM

**Cust Phone:** 561-844-2966  
**Terms:** NET 10TH PROX

**Customer:** FLORIDA DESIGN DRILLING COR  
 7733 HOOPER ROAD  
 21203 PBC WELLS  
 WEST PALM BEACH, FL 33411

**Ship To:** FLORIDA DESIGN DRILLING COR  
 7733 HOOPER RD  
 WEST PALM BEACH, FL 33411

**Cust PO#:** 21203 FILLERS

**Job Name:** 21203 PBC WELLS

Item	Description	Quantity	Net Price	UM	Total
FFXP	8X4 DI FILL FLG CEMENT/PRIMED	2	1556.670	EA	3113.34
FFUP	6X4 DI FILL FLG CEMENT/PRIMED	2	1300.000	EA	2600.00
SSFAPX	8 SS FLG ACC PKG 316SS W/NEOP	2	220.000	EA	440.00
SSFAPU	4" LONGER THAN STANDARD BOLTS 6 SS FLG ACC PKG 316SS W/NEOP 4" LONGER THAN STANDARD BOLTS	2	205.000	EA	410.00
<b>Net Total:</b>					\$6563.34
<b>Tax:</b>					\$443.80
<b>Freight:</b>					\$0.00
<b>Total:</b>					\$7007.14

Quoted prices are based upon receipt of the total quantity for immediate shipment (48 hours). SHIPMENTS BEYOND 48 HOURS SHALL BE AT THE PRICE IN EFFECT AT TIME OF SHIPMENT UNLESS NOTED OTHERWISE. QUOTES FOR PRODUCTS SHIPPED FOR RESALE ARE NOT FIRM UNLESS NOTED OTHERWISE.

CONTRACTOR CUSTOMERS: IF YOU HAVE DBE/MBE/WBE/VBE/SDVBE/SBE GOOD FAITH EFFORTS DIVERSITY GOALS/ REQUIREMENTS ON A FEDERAL, STATE, LOCAL GOVERNMENT, PRIVATE SECTOR PROJECT, PLEASE CONTACT YOUR BRANCH SALES REPRESENTATIVE IMMEDIATELY PRIOR TO RECEIVING A QUOTE/ORDER.

Seller not responsible for delays, lack of product or increase of pricing due to causes beyond our control, and/or based upon Local, State and Federal laws governing type of products that can be sold or put into commerce. This Quote is offered contingent upon the Buyer's acceptance of Seller's terms and conditions, which are incorporated by reference and found either following this document, or on the web at <https://www.ferguson.com/content/website-info/terms-of-sale>  
 Govt Buyers: All items are open market unless noted otherwise.

LEAD LAW WARNING: It is illegal to install products that are not "lead free" in accordance with US Federal or other applicable law in potable water systems anticipated for human consumption. Products with \*NP in the description are NOT lead free and can only be installed in non-potable applications. Buyer is solely responsible for product selection.



**HOW ARE WE DOING? WE WANT YOUR FEEDBACK!**

Scan the QR code or use the link below to complete a survey about your bids:

<https://survey.medallia.com/?bidsorder&fc=125&on=69355>



**“RESTRICTED” CONFIDENTIAL  
DOCUMENTS**

**DO NOT COPY/RECORD**





**Diana Rivera**

---

**Subject:** FW: WUD 19-022 Phase 2 Valve Reorientation For Wells 8W-6, 23, 17 & 18

**From:** Rani Smith <rsmith@jlageosciences.com>  
**Sent:** Thursday, August 24, 2023 8:39 AM  
**To:** Diana Rivera <drivera@pbcwater.com>  
**Cc:** King, Bertrand <Bertrand.King@kimley-horn.com>  
**Subject:** RE: WUD 19-022 Phase 2 Valve Reorientation For Wells 8W-6, 23, 17 & 18

Thank you, Diana.

Rani K. Smith, P.G.  
Principal Hydrogeologist  
JLA Geosciences, Inc.

**From:** Diana Rivera <drivera@pbcwater.com>  
**Sent:** Thursday, August 24, 2023 8:38 AM  
**To:** Rani Smith <rsmith@jlageosciences.com>  
**Cc:** King, Bertrand <Bertrand.King@kimley-horn.com>  
**Subject:** RE: WUD 19-022 Phase 2 Valve Reorientation For Wells 8W-6, 23, 17 & 18

Yes, as a follow up to our on-site meeting with Dave Guerrero and Sam, the proposed spool piece addition is acceptable.

Diana Rivera, P.E., PMP | Project Manager | Palm Beach County Water Utilities Department  
8100 Forest Hill Blvd. ♣ West Palm Beach, FL 33413  
Office: 561.493.6117 ♣ Fax: 561.493.6113  
[drivera@pbcwater.com](mailto:drivera@pbcwater.com)

**From:** Rani Smith <rsmith@jlageosciences.com>  
**Sent:** Thursday, August 24, 2023 8:36 AM  
**To:** Diana Rivera <drivera@pbcwater.com>  
**Cc:** King, Bertrand <Bertrand.King@kimley-horn.com>  
**Subject:** RE: WUD 19-022 Phase 2 Valve Reorientation For Wells 8W-6, 23, 17 & 18

---

**This Message Is From an External Sender**

This message came from outside your organization.

Diana,

It's been a while on this item, but I wanted to confirm that WUD is fine with the CO for the additional spool piece as Sam described in her email below. KHA met with WUD to discuss, but I don't have an email to confirm that it was acceptable.

If so, FDD is can prepare the CO.

Thanks,

Rani K. Smith, P.G.  
Principal Hydrogeologist  
JLA Geosciences, Inc.

**From:** Rani Smith <[rsmith@ilageosciences.com](mailto:rsmith@ilageosciences.com)>  
**Sent:** Tuesday, March 29, 2022 4:29 PM  
**To:** Diana Rivera <[drivera@pbcwater.com](mailto:drivera@pbcwater.com)>  
**Cc:** Graybill, Samantha <[Samantha.Graybill@kimley-horn.com](mailto:Samantha.Graybill@kimley-horn.com)>; Frank Capocchetta <[FCapocchetta@pbcwater.com](mailto:FCapocchetta@pbcwater.com)>; Dave Guerrero <[DGuerrero@pbcwater.com](mailto:DGuerrero@pbcwater.com)>; Tim McAleer <[tmcaleer@pbcwater.com](mailto:tmcaleer@pbcwater.com)>; Dameion Donaldson <[ddonaldson@goeda.com](mailto:ddonaldson@goeda.com)>  
**Subject:** RE: WUD 19-022 Phase 2 Valve Reorientation For Wells 8W-6, 23, 17 & 18

Is tomorrow open from 1:30 to 2:30? We are considering an additional spool piece (which will require some design changes with regard to the electrical panels) or potentially change the valve location.

Thanks,

Rani K. Smith, P.G.  
Principal Hydrogeologist  
JLA Geosciences, Inc.

**From:** Rani Smith <[rsmith@ilageosciences.com](mailto:rsmith@ilageosciences.com)>  
**Sent:** Tuesday, March 22, 2022 7:48 AM  
**To:** Diana Rivera <[drivera@pbcwater.com](mailto:drivera@pbcwater.com)>  
**Cc:** Graybill, Samantha <[Samantha.Graybill@kimley-horn.com](mailto:Samantha.Graybill@kimley-horn.com)>; Cali Munzenrieder <[CGuenov@ilageosciences.com](mailto:CGuenov@ilageosciences.com)>  
**Subject:** Re: WUD 19-022 Phase 2 Valve Reorientation For Wells 8W-6, 23, 17 & 18

Understood. Has WTP 8 indicated if they want to move forward with the reorientation? If so, we can discuss the required design changes.

Thank you,

Rani K. Smith, P.G.  
Principal Hydrogeologist  
JLA Geosciences, Inc.  
1907 Commerce Lane, Suite 104  
Jupiter, Florida 33458  
Office: (561) 746-0228  
Cell: (772) 214-9497

On Mar 22, 2022, at 7:43 AM, Diana Rivera <[drivera@pbcwater.com](mailto:drivera@pbcwater.com)> wrote:

Please see the response from Frank regarding the hand wheel clearance space.

Please advise.

**From:** Frank Capocchetta <[FCapocchetta@pbcwater.com](mailto:FCapocchetta@pbcwater.com)>  
**Sent:** Tuesday, March 22, 2022 7:24 AM  
**To:** Diana Rivera <[drivera@pbcwater.com](mailto:drivera@pbcwater.com)>; Dave Guerrero <[DGuerrero@pbcwater.com](mailto:DGuerrero@pbcwater.com)>  
**Cc:** Tim McAleer <[tmcaleer@pbcwater.com](mailto:tmcaleer@pbcwater.com)>  
**Subject:** RE: WUD 19-022 Phase 2 Valve Reorientation For Wells 8W-6, 23, 17 & 18

Diana, 2 and 4 inch clearance off the hand wheel on the isolation valve is inadequate.

Thanks,  
*Frank Capocchetta*  
**Utility Maintenance Superintendent, O&M WROC**

**From:** Diana Rivera <[drivera@pbcwater.com](mailto:drivera@pbcwater.com)>  
**Sent:** Friday, March 18, 2022 11:22 AM  
**To:** Dave Guerrero <[DGuerrero@pbcwater.com](mailto:DGuerrero@pbcwater.com)>; Frank Capocchetta <[FCapocchetta@pbcwater.com](mailto:FCapocchetta@pbcwater.com)>  
**Cc:** Tim McAleer <[tmcaleer@pbcwater.com](mailto:tmcaleer@pbcwater.com)>  
**Subject:** FW: WUD 19-022 Phase 2 Valve Reorientation For Wells 8W-6, 23, 17 & 18  
**Importance:** High

Dave and Frank,

The attached construction drawings for wells 8W-6, 17, 18 & 23 show the proposed 8" dia. discharge piping height and the orientation of the gate valves (file DOC031822).

KHA has sketched out the proposed valve orientation (files 8W-(6-23) and 8W-(17-18). Please review and advise if you see issues with being able to access and turn the handwheels.

Thanks.  
Diana

**From:** Rani Smith <[rsmith@jlageosciences.com](mailto:rsmith@jlageosciences.com)>  
**Sent:** Monday, February 14, 2022 8:25 AM  
**To:** Diana Rivera <[drivera@pbcwater.com](mailto:drivera@pbcwater.com)>  
**Subject:** WUD 19-022 Phase 2 Valve Reorientation  
**Importance:** High

Diana,

To be consistent with the recent changes in 19-022 Phase 1 project, KHA generated draft exhibits for valve reorientations for Phase 2 of 19-022. These are the early drafts (without electrical upgrades), but there appears to be an issue with the handwheels for the WTP 8 wells. With the current 8" piping, we will not have enough clearance for operation (see 8W-6/8W-23). Before we discuss any major changes to the design, I wanted to confirm that WTP 8 wants to make this change going forward or, if like WTP 9, they are okay with the existing valve orientation.

Please let me know if you would like to discuss. We will hold on additional design changes until we receive your comments.

Thanks,

Rani K. Smith, P.G.  
Principal Hydrogeologist  
JLA Geosciences, Inc.

**PALM BEACH COUNTY  
WATER UTILITIES DEPARTMENT**

**WORK DIRECTIVE**

To: Jeffrey Holts, Sr. V.P.  
Florida Design Drilling Corporation  
Contractors Name

7733 Hooper Road  
West Palm Beach, FL 33411  
Address

Project Name: Wellfield Improvements – Phase 2  
Project No.: WUD 19-022  
Work Directive No.:   7  

Resolution No. R-2021-1923

In accordance with your cost proposal, dated January 31, 2024 you are authorized to perform the following scope of work:

1. Drill Well 2W-5R in a new location at Water Treatment Plant No. 2. At this time, no additional days have been requested for this work. Cost for this work is \$195,419.70.

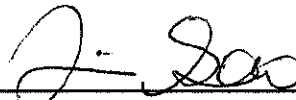
  X   Lump Sum Price of \$195,419.70

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.  
Name

Director of Engineering  
Title

*NPG*   
Signature

2/12/2024  
Date



**Well 2W-5 Relocation Cost Summary**

Date: January 31, 2024

Project: WUD 19-022 Phase 2 PBC Wellfield Improvements

To: Rani Smith, JLA Geosciences

Please see attached our anticipated additional costs for drilling well 2W-5 in the new location shown on the plans. Please note that we reserve our right to request a time extension at a later date if it is determined that this change impacted the critical path.

Sincerely,

Jeffrey Holst

Senior Vice President

Florida Design Drilling LLC

561-818-3228

jeff@fldrilling.com

**Florida Design Drilling Corporation**  
7733 Hooper Road, West Palm Beach, FL 33411  
561-844-2966  
State of Florida Water Well Contractor: 11148  
State of Florida General Contractor: 1522104





**PROJECT WUD 19-022 PHASE II  
2W-5R RELOCATION**

<b>PART C - NEW WELL CONSTRUCTION ITEMS</b>		<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Extended Price</b>
C1	Pull existing pump and motor, wellhead, appurtenances		Each	\$25,000.00	\$0.00
C2	Furnish, install and grout in place 30-inch diameter steel surface casing to 30 feet	1	Each	\$25,000.00	\$25,000.00
C3	Drill nominal 28-inch diameter borehole using mud rotary method	90	L.Ft.	\$200.00	\$18,000.00
C4	Complete Geophysical Logging (New Wells)	1	Each	\$10,000.00	\$10,000.00
C5	Furnish and install 24-inch diameter schedule 40 PVC well casing	90	L.Ft.	\$100.00	\$9,000.00
C6	Cement grout 24-inch diameter schedule 40 PVC casing in place	300	lbs Sac	\$25.00	\$7,500.00
C7	Drill nominal 22-inch diameter borehole using reverse air method	60	L.Ft.	\$175.00	\$10,500.00
C8	Furnish and install 16-inch diameter 316 stainless steel well screen		L.Ft.	\$250.00	\$0.00
C9	Furnish and install 16-inch diameter SDR26 Certainteed Certa-lok well riser casing		L.Ft.	\$150.00	\$0.00
C10	Furnish and install well gravel pack		Cu. Ft.	\$25.00	\$0.00
<b>PART D - COMMON CONSTRUCTION ITEMS</b>					
D1	Mobilization/Demobilization (Well construction sites) 2W-3R, 2W-4R, 2W-5R, 2W-6R, 2W-7R, 8W-6, 8W-17, 8W-18, 8W-23		Each	\$44,030.83	\$0.00
D2	Mobilization/Demobilization (electrical only sites) 8W-3R, 8W-7, 8W-14, 8W-22 Site Restoration (Well construction sites)		Each	\$6,000.00	\$0.00
D3	2W-3R, 2W-4R, 2W-5R, 2W-6R, 2W-7R, 8W-6, 8W-17, 8W-18, 8W-23		Each	\$6,000.00	\$0.00
D4	Site Restoration (electrical only sites) 8W-3R, 8W-7, 8W-14, 8W-22		Each	\$4,000.00	\$0.00
D5	Nominal 6-inch diameter Pilot hole drilling, geophysical logging, plug and abandonment	1	Each	\$20,000.00	\$20,000.00
D6	Nominal 6-inch diameter Profile Well drilling, sampling (up to 10 zones), plug and abandonment		Each	\$27,500.00	\$0.00
D7	Perform airlift well development		Hrs.	\$225.00	\$0.00
D8	Perform jetting with simultaneous airlift well development and cleanout of borehole		Hrs.	\$225.00	\$0.00
D9	Perform pump development		Hrs.	\$225.00	\$0.00
D10	Conduct step-rate pump test		Hrs.	\$300.00	\$0.00
D11	Optional Well Acidization Mobilization		each	\$5,000.00	\$0.00
D12	Optional Well Acidization Treatment with 32% HCL		gallons	\$3.50	\$0.00
D13	Complete Well Video Logging		Each	\$4,000.00	\$0.00
D14	Well Disinfection and Sampling		Each	\$7,500.00	\$0.00
D15	Water Quality Sampling		Each	\$7,500.00	\$0.00
D16	Formation Water Disposal System		Each	\$10,000.00	\$0.00
D17	Plug and abandon existing well	1	Each	\$50,000.00	\$50,000.00
<b>PART E - SITE CIVIL AND MECHANICAL</b>					
E10	10in DIP Raw Watermain	15	L.Ft.	\$125.00	\$1,875.00
E14	MJ DIP Raw Watermain fittings	0.1	Ton	\$2,597.00	\$259.70
E16	Potable Water Service Hose Connection	0.5	Each	\$4,100.00	\$2,050.00
E17	Landscaping	1	L.S.	\$16,000.00	\$16,000.00
E18	Furnish and Install Stabilized Road/Driveway	50	Sq. Yd.	\$70.00	\$3,500.00
<b>PART F - ELECTRICAL AND INSTRUMENTATION</b>					
F3	Well 2W-5R - Additional Power Conduit/Wires	1	L.S.	\$21,735.00	\$21,735.00
F14	Well 2W-5R - Additional Fiber Optic Loop (Conduit/Fiber Optic Cable)	1	L.S.	\$0.00	\$0.00
<b>SUBTOTAL</b>					<b>\$195,419.70</b>

**Florida Design Drilling Corporation**  
 7733 Hooper Road, West Palm Beach, FL 33411  
 561-844-2966  
 State of Florida Water Well Contractor: 11148  
 State of Florida General Contractor: 1522104

**“RESTRICTED” CONFIDENTIAL  
DOCUMENTS**

**DO NOT COPY/RECORD**

DATE: 10/20/14 10:13 AM USER: MARIAN.HUBBARD

REV	DATE	BY	DESCRIPTION

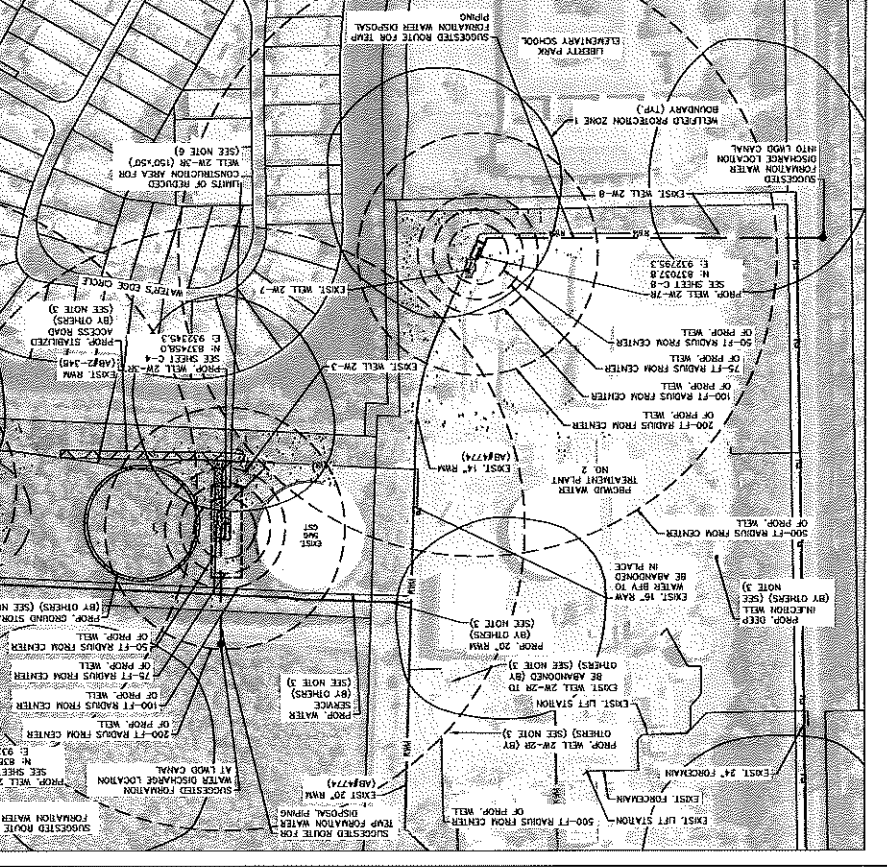
NOT FOR PUBLIC DISCUSSION  
 PROJECT DOCUMENT  
 PREPARED BY  
 F.S. CHAMBERS  
 F.S. CHAMBERS & ASSOCIATES  
 2501 N. W. 11th St.  
 Ft. Lauderdale, FL 33309  
 PHONE: (954) 571-1111  
 FAX: (954) 571-1112

GRAPHIC SCALE IN FEET  
 0 50 100 200

NOTES:  
 1. ALL NEW OR REPLACEMENT SANITARY SEWER LINES INSTALLED WITHIN PROPOSED PROTECTION ZONES 1 AND 2 SHALL BE CONSTRUCTED AND INSTALLED PER ARTICLE 14 OF THE PALM BEACH COUNTY LAND DEVELOPMENT CODE (LDDC), LATEST EDITION.  
 2. BACKGROUND AERIAL IS NOT REPRESENTATIVE OF CURRENT SITE CONDITIONS.  
 3. PROP. W/P 2 IMPROVEMENTS (W/P 18-084) ARE BY OTHERS AND SUBJECT TO CHANGE. CONTRACTOR TO COORDINATE W/ W/P 2 IMPROVEMENTS CONTRACTOR, OWNER, AND ENGINEER.  
 4. PROPOSED PROTECTION ZONE BOUNDARIES ARE BASED UPON MOST RECENT AVAILABLE BOUNDARY INFORMATION PROVIDED BY PROP. AND DATED 04/13/11.  
 5. CONSTRUCTION STAGING AREA WORK PERFORMED AT W/P 2 WILL BE LOCATED AT W/P 1 WITHIN THE LIMITS SHOWN ON SHEET C-5.  
 6. CONTRACTOR SHALL REDUCE CONSTRUCTION WORK AREA FOR WELLS 2W-3R, 2W-4, 2W-4R, 2W-5, 2W-5R, 2W-6, 2W-6R, 2W-7 AND 2W-7R WITHIN THE LIMITS SHOWN. CONTRACTOR TO COORDINATE WITH LOCAL AGENCIES, EQUIPMENT LEASING, AND STAGING AND TO OBTAIN ALL NECESSARY PERMITS.  
 7. CONTRACTOR SHALL REDUCE CONSTRUCTION WORK AREA FOR WELLS 2W-3R, 2W-4, 2W-4R, 2W-5, 2W-5R, 2W-6, 2W-6R, 2W-7 AND 2W-7R WITHIN THE LIMITS SHOWN. CONTRACTOR TO COORDINATE WITH LOCAL AGENCIES, EQUIPMENT LEASING, AND STAGING AND TO OBTAIN ALL NECESSARY PERMITS.  
 8. CONTRACTOR SHALL REDUCE CONSTRUCTION WORK AREA FOR WELLS 2W-3R, 2W-4, 2W-4R, 2W-5, 2W-5R, 2W-6, 2W-6R, 2W-7 AND 2W-7R WITHIN THE LIMITS SHOWN. CONTRACTOR TO COORDINATE WITH LOCAL AGENCIES, EQUIPMENT LEASING, AND STAGING AND TO OBTAIN ALL NECESSARY PERMITS.

SECTION 16  
 TOWNSHIP 44  
 RANGE 42

WELLS 2W-3, 2W-3R, 2W-4, 2W-4R, 2W-5, 2W-5R, 2W-6, 2W-6R, 2W-7 AND 2W-7R

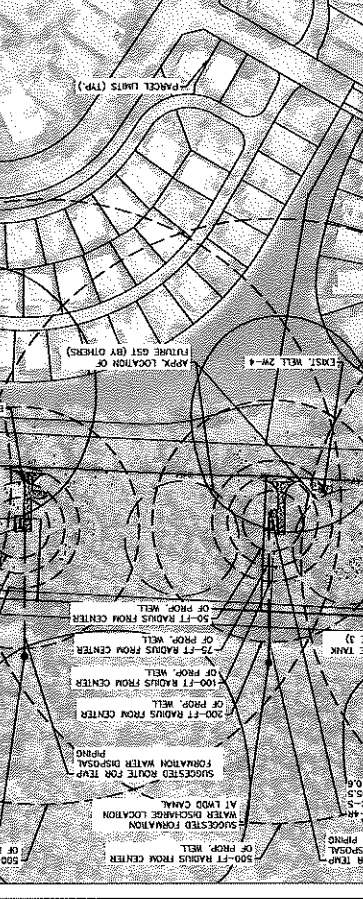


**JLA Geosciences**  
 14171 Corporate Lane, Suite 200  
 Fort Lauderdale, FL 33322  
 (954) 571-2000  
 FAX: (954) 571-2001  
 www.jla.com

**Kimley-Horn**  
 1200 South Federal Highway, Suite 300  
 Fort Lauderdale, FL 33316  
 (954) 571-3333  
 www.kimley-horn.com

DESCRIPTION	2W-3R	2W-4	2W-4R	2W-5	2W-5R	2W-6	2W-6R	2W-7	2W-7R
ON-SITE SLOW RATE AND RAPID RATE LAND APPLICATION SYSTEMS, STORMWATER DETENTION AND DISPOSAL SYSTEMS, TANK TRASH STACK SYSTEMS, AND SOLID WASTE DISPOSAL FACILITIES	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.
TRANSMISSION FACILITIES INCLUDING WATER TO RESTRICTED PUBLIC ACCESS, SLOW RATE LAND APPLICATION SYSTEMS, RAPID RATE LAND APPLICATION SYSTEMS OR SPREAD TREATMENT OF SOLID WASTE TANKS, SAMPLING MANHOLES AS DEFINED IN CHAPTER 92-059, F.A.C. FOR DRINKING WATER SUPPLY WELLS SERVING PUBLIC WATER SYSTEMS	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.
PUBLIC ACCESS, RESTRICTED PROTECTION OR ERIE GROW 210-W-1T LAND APPLICATION SYSTEMS, TRANSMISSION FACILITIES INCLUDING WATER TO RESTRICTED PUBLIC ACCESS, SLOW RATE LAND APPLICATION SYSTEMS, RAPID RATE LAND APPLICATION SYSTEMS OR SPREAD TREATMENT OF SOLID WASTE TANKS, SAMPLING MANHOLES AS DEFINED IN CHAPTER 92-059, F.A.C. FOR DRINKING WATER SUPPLY WELLS SERVING PUBLIC WATER SYSTEMS	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.
APPROX. LOCATION OF FUTURE STORMWATER DETENTION OR RETENTION BASINS, AND SURFACE WATER SUBJECTS, INCLUDING APPLICABLE REGULATIONS, PERMITS, AND OTHERS	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.
APPROX. LOCATION OF FUTURE STORMWATER DETENTION OR RETENTION BASINS, AND SURFACE WATER SUBJECTS, INCLUDING APPLICABLE REGULATIONS, PERMITS, AND OTHERS	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.

F.A.C. 62-532 WATER WELL SETBACK REQUIREMENTS



**Water Utilities Department**  
 1000 N. W. 11th St.  
 Ft. Lauderdale, FL 33309  
 (954) 571-1111  
 www.fpl.com

**NOV. 2013**

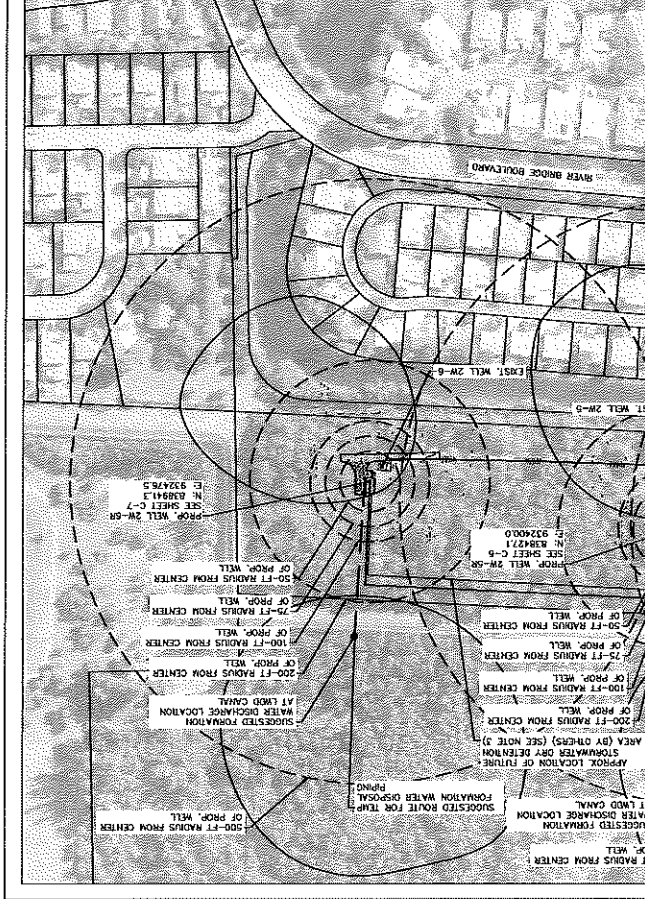
OVERALL W/P 2 WELL LOCATIONS

PROJECT NO. W-19-022  
 WELLFIELD IMPROVEMENTS PHASE II

SHEET C-1A

DESCRIPTION	2W-3R	2W-4	2W-4R	2W-5	2W-5R	2W-6	2W-6R	2W-7	2W-7R
ON-SITE SLOW RATE AND RAPID RATE LAND APPLICATION SYSTEMS, STORMWATER DETENTION AND DISPOSAL SYSTEMS, TANK TRASH STACK SYSTEMS, AND SOLID WASTE DISPOSAL FACILITIES	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.
TRANSMISSION FACILITIES INCLUDING WATER TO RESTRICTED PUBLIC ACCESS, SLOW RATE LAND APPLICATION SYSTEMS, RAPID RATE LAND APPLICATION SYSTEMS OR SPREAD TREATMENT OF SOLID WASTE TANKS, SAMPLING MANHOLES AS DEFINED IN CHAPTER 92-059, F.A.C. FOR DRINKING WATER SUPPLY WELLS SERVING PUBLIC WATER SYSTEMS	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.
PUBLIC ACCESS, RESTRICTED PROTECTION OR ERIE GROW 210-W-1T LAND APPLICATION SYSTEMS, TRANSMISSION FACILITIES INCLUDING WATER TO RESTRICTED PUBLIC ACCESS, SLOW RATE LAND APPLICATION SYSTEMS, RAPID RATE LAND APPLICATION SYSTEMS OR SPREAD TREATMENT OF SOLID WASTE TANKS, SAMPLING MANHOLES AS DEFINED IN CHAPTER 92-059, F.A.C. FOR DRINKING WATER SUPPLY WELLS SERVING PUBLIC WATER SYSTEMS	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.
APPROX. LOCATION OF FUTURE STORMWATER DETENTION OR RETENTION BASINS, AND SURFACE WATER SUBJECTS, INCLUDING APPLICABLE REGULATIONS, PERMITS, AND OTHERS	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.
APPROX. LOCATION OF FUTURE STORMWATER DETENTION OR RETENTION BASINS, AND SURFACE WATER SUBJECTS, INCLUDING APPLICABLE REGULATIONS, PERMITS, AND OTHERS	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.	MEETS REQ.

F.A.C. 62-532 WATER WELL SETBACK REQUIREMENTS



**CONFORMED SET**

CALL 2 WORKING DAYS BEFORE YOU DIG

811

CALL 811 BEFORE YOU DIG

FOR THE LANE

DIAL 811

FOR THE LANE

FOR THE LANE

FOR THE LANE

PROJECT NO. W03-18-022 WELL FIELD IMPROVEMENTS PHASE B		Palm Beach County Water Utilities Department	Kimley-Horn 1100 S. US HWY 1 WEST PALM BEACH, FL 33411 (561) 993-6300 FL 0600048	I.A. Geosciences 1200 S. US HWY 1 WEST PALM BEACH, FL 33411 (561) 734-7800	LICENSED PROFESSIONAL NAME, REGISTERED NUMBER AND EXPIRE DATE _____	DATE: _____	DESIGNED: MDM CHECKED: MDM DRAWN: BSK DATE: _____	ACCURACIES: 1" = 40' HORIZONTAL 1" = 20' VERTICAL THIS DRAWING IS NOT TO BE USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER.	SCALE: _____	DESCRIPTION: _____
SHEET C-3A	WTP 2 ACCESS CORRIDOR (2 OF 2)				NOV, 2022					

**CONFORMED SET**

CALL 2 WORKING DAYS BEFORE YOU DIG  
 IT'S THE LAW  
 Now with the 811 logo  
 Dial 811

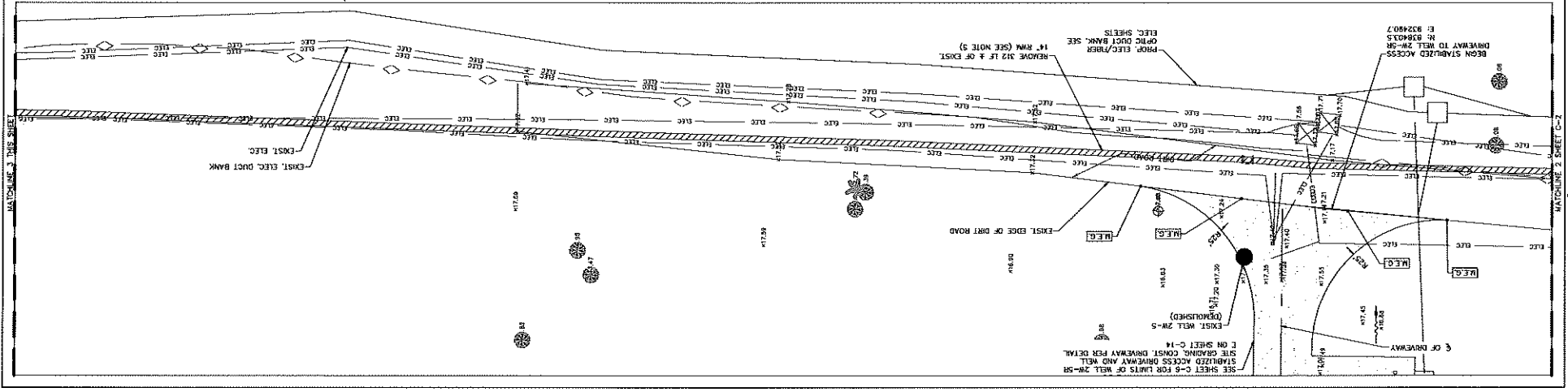
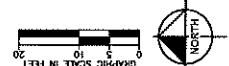
APPROVED DATE AND CALL OR LOCAL NO.

**NOTES:**

- ELEVATIONS SHOWN ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). TO CONVERT FROM NAVD 88 TO NGVD 29 DATUM ADD 1.55 FEET TO THE NAVD 88 ELEVATION.
- CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL EXISTING SURFACE AND SUBSURFACE UTILITIES PRIOR TO CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR/REPLACEMENT OF ALL UTILITIES, INCLUDING EXISTING IRRIGATION, TO CURRENT OR BETTER CONDITION AS NEEDED DURING PROJECT ACTIVITIES.
- PROP. WTP 2 IMPROVEMENTS (W03-18-066) ARE BY OTHERS AND SUBJECT TO CHANGE. CONTRACTOR TO COORDINATE WITH WTP 2 IMPROVEMENTS CONTRACTOR, OWNER, AND ENGINEER.
- CONTRACTOR SHALL NOT REMOVE EXIST. 14" R/W ON URB. EXIST. WELLS 2W-4R, 2W-5R, AND 2W-6R ARE DISCONNECTED AND THE R/W IS NO LONGER IN USE.

**CONFIDENTIAL**

NOT FOR PUBLIC DISCLOSURE  
 PROJ. NO. 18-022  
 REV. 11/2022  
 PG. 3 OF 11



FILE NUMBER: C:\AUP\11-11-2022\18-022\WELLS TO IMPROVEMENTS\CONCORDOR\WTP 2 ACCESS CORRIDOR (2 OF 2)  
 SHEET: SHEET C-3A  
 USER: bmmw@ksh.com  
 PLOT DATE: 11/20/22 10:33 AM

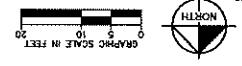
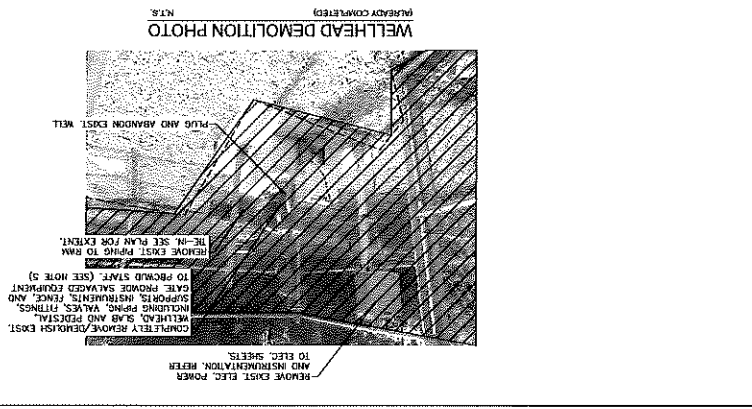
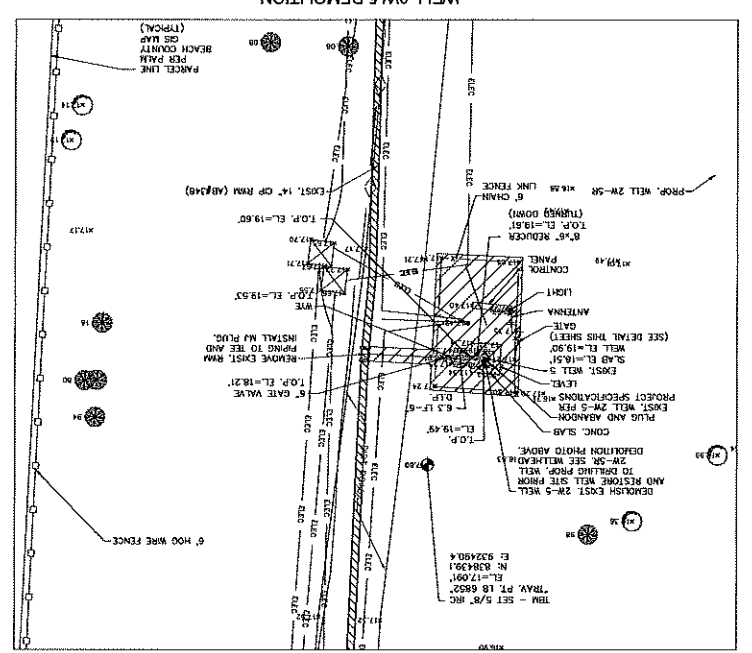
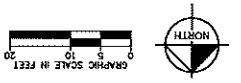
REV	DATE	BY	DESCRIPTION

DESIGNED	DRAWN	CHECKED	DATE
NMM	NMM	NMM	

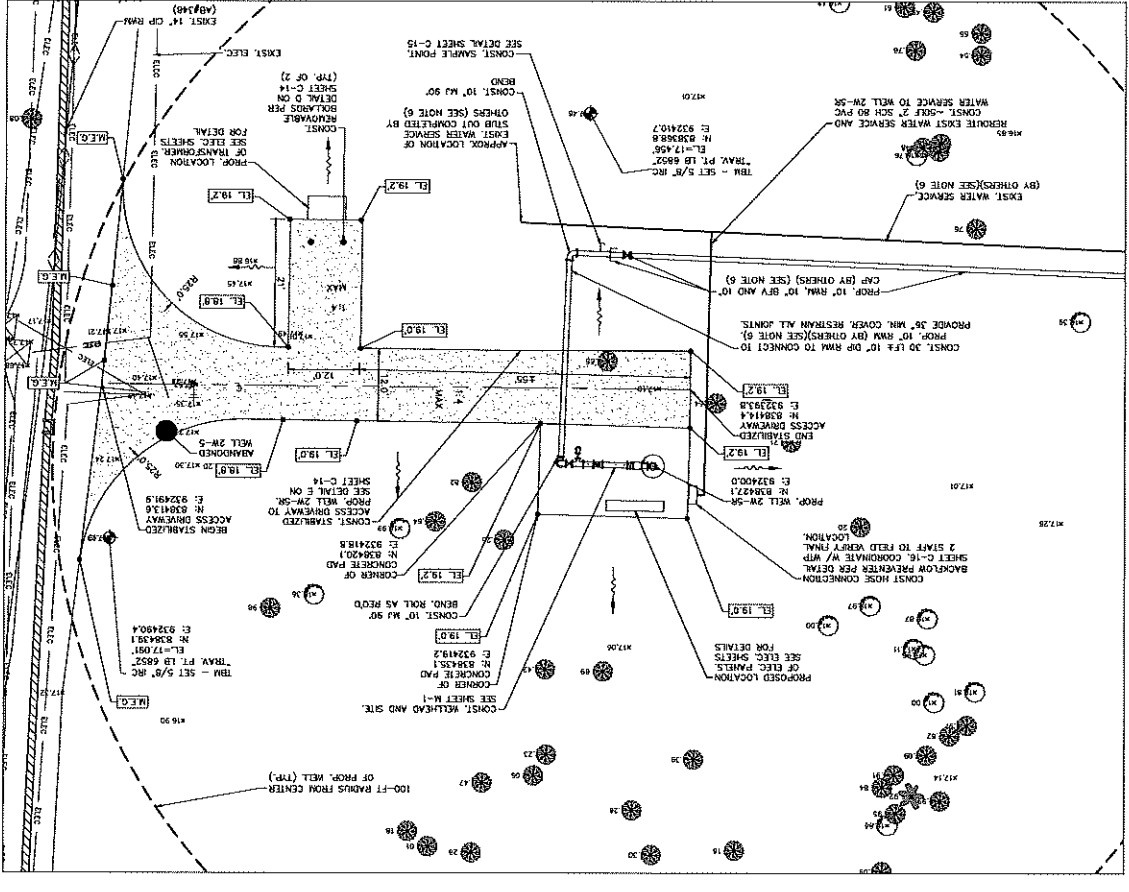
APPROVED PROFESSIONAL  J.A. Geosdences	IMAGED PROFESSIONAL  Kimley-Horn	PROJECT NUMBER: 133337 WELL 2M-5R DEMOLITION & WELL 2M-5R SITE PLAN
--	--	--

NOV. 2022 Palm Beach County Water Utilities Department	SHEET C-6
--	--------------

CONFIDENTIAL  
 NOT FOR PUBLIC DISCLOSURE  
 PER 68B(7)(b) AND 68B(7)(c)  
 12/13/2022 12:34 PM



NOTES:  
 1. SEE MECHANICAL DRAWINGS FOR TYPICAL WELLHEAD AND WELL PAID DETAILS.  
 2. ELEVATIONS SHOWN ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). TO CONVERT FROM NAVD 88 TO NGVD 29 DATA AND 1.25 FEET TO THE NAVD 88 ELEVATION.  
 3. CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL EXISTING SURFACE AND SURFACE UTILITIES PRIOR TO CONSTRUCTION.  
 4. REEDED IF DAMAGED DURING PROJECT ACTIVITIES.  
 5. PRIOR TO DEMOLITION WORK, CONTRACTOR SHALL COMPLETE AND ACCEPT SALVAGE FORM PER PROJECT SPECIFICATIONS.  
 6. PRIOR TO DEMOLITION WORK, CONTRACTOR SHALL COMPLETE AND ACCEPT SALVAGE FORM PER PROJECT SPECIFICATIONS.  
 7. REFER TO 2 IMPROVEMENTS (W-18-086) ARE BY OTHERS AND SUBJECT TO CHANGE. CONTRACTOR TO COORDINATE WITH W-7 IMPROVEMENTS CONTRACTOR, OWNER AND ENGINEER. CONTRACTOR REQUIRED TO REQUEST EXISTING LOCATION OF 10-INCH RWM AND SERVICE WATER FOR WELL 2M-5R DISCHARGE PIPE. THE-81.  
 8. ELEVATIONS REPRESENT TOP OF FINISHED GRADE. SEE MECHANICAL SHEETS FOR PROPOSED TOP OF CONCRETE WELL PAD.  
 9. PROPOSED ELEVATIONS REPRESENT TOP OF FINISHED GRADE. SEE MECHANICAL SHEETS FOR PROPOSED TOP OF CONCRETE WELL PAD.  
 10. ELEVATIONS REPRESENT TOP OF FINISHED GRADE. SEE MECHANICAL SHEETS FOR PROPOSED TOP OF CONCRETE WELL PAD.



CONFORMED SET  
 CALL 2 WORKING DAYS BEFORE YOU DIG  

 811

IT'S THE LAW  
 CALL 811  
 BEFORE YOU DIG

FILE CHANGES: ELECTRICAL DESIGN ASSOCIATES INC. - ADDITIONAL ACTIVE PROJECTS AND/OR NEW WELL SITES. STAFF ADJUSTED WTP 2 SITE. PLOT DATE: 11/03/24 11:11 AM. USER: mmsd.

**CONFIDENTIAL**

NOT FOR PUBLIC DISCLOSURE  
P&ID DOCUMENT  
P&ID NUMBER: 11100034111  
P&ID DATE: 11/03/24  
P&ID REVISION: NO. 5

REV	DATE	BY	DESCRIPTION
5	10/10/24	DB	CONSTRUCTION REVISION NO. 5

DESIGNED: DO	DESIGNED: DM	DESIGNED: JH	DESIGNED: JH
CHECKED: LMB	CHECKED: LMB	CHECKED: LMB	CHECKED: LMB
DATE: 10/10/24	DATE: 10/10/24	DATE: 10/10/24	DATE: 10/10/24

LICENSING PROFESSIONAL:	LICENSING PROFESSIONAL:	LICENSING PROFESSIONAL:	LICENSING PROFESSIONAL:
IL A Geosciences	IL A Geosciences	IL A Geosciences	IL A Geosciences
1000 Corporate Lane, Suite 100	1000 Corporate Lane, Suite 100	1000 Corporate Lane, Suite 100	1000 Corporate Lane, Suite 100
1000 Corporate Lane, Suite 100	1000 Corporate Lane, Suite 100	1000 Corporate Lane, Suite 100	1000 Corporate Lane, Suite 100

**Kimley-Horn**

1000 Corporate Lane, Suite 100  
1000 Corporate Lane, Suite 100  
1000 Corporate Lane, Suite 100  
1000 Corporate Lane, Suite 100

**Palm Beach County**

Water Utilities Department

PROJECT NO. W-19-0023  
WTP 2 OVERALL ELECTRICAL SITE PLAN  
OCTOBER 2021

SHEET: E-2

**Electrical Design Associates**

1000 Corporate Lane, Suite 100  
1000 Corporate Lane, Suite 100  
1000 Corporate Lane, Suite 100  
1000 Corporate Lane, Suite 100

CALL 2 WORKING DAYS BEFORE YOU DIG  
BEFORE YOU DIG  
BEFORE YOU DIG  
BEFORE YOU DIG

CONFORMED SET

NOTES:

1. REFER TO SINGLE LINE DIAGRAMS AND RISE DIAGRAMS FOR CONDUIT AND WIRE REQUIREMENTS.

2. REFER TO SHEET E-36 FOR DUCTBANK CONDUIT SECTION REQUIREMENTS.

SCALE: 1"=100'-0"

WTP 2 OVERALL ELECTRICAL SITE PLAN

PROPOSED WELL 2W-28 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-27 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-26 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-25 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-24 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-23 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-22 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-21 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-20 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-19 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-18 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-17 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-16 SEE SHEET E-18 FOR DETAILS



PROPOSED WELL 2W-28 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-27 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-26 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-25 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-24 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-23 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-22 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-21 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-20 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-19 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-18 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-17 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-16 SEE SHEET E-18 FOR DETAILS

PROPOSED WELL 2W-28 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-27 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-26 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-25 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-24 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-23 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-22 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-21 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-20 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-19 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-18 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-17 SEE SHEET E-18 FOR DETAILS

EXISTING WELL 2W-16 SEE SHEET E-18 FOR DETAILS

FILE CHANGE/REVISIONS/ELECTRICAL DESIGN ASSOCIATION/REVISIONS - DOCUMENTS, ACTIVE PROJECTS, AND/Or HISTORICAL, CA NO. 2008/05/04 WTP 2 PLAN, 2  
 1587 REVISED  
 FILED DATE: 10/20/2011 11:11 AM

**CONFIDENTIAL**

PGC WPD DOCUMENT  
NOT FOR PUBLIC DISCLOSURE

FIS Chapter 221.001  
FIS Chapter 19.07 (09)  
FIS Chapter 19.0

REV	DATE	BY	DESCRIPTION
01/10/24	DD	DD	CONSTRUCTION REVISION NO. 5

SCALE: 1"=40'-0"

APPROVED BY:	DATE:
DESIGNED BY:	DATE:
DRAWN BY:	DATE:
CHECKED BY:	DATE:
APPROVED BY:	DATE:

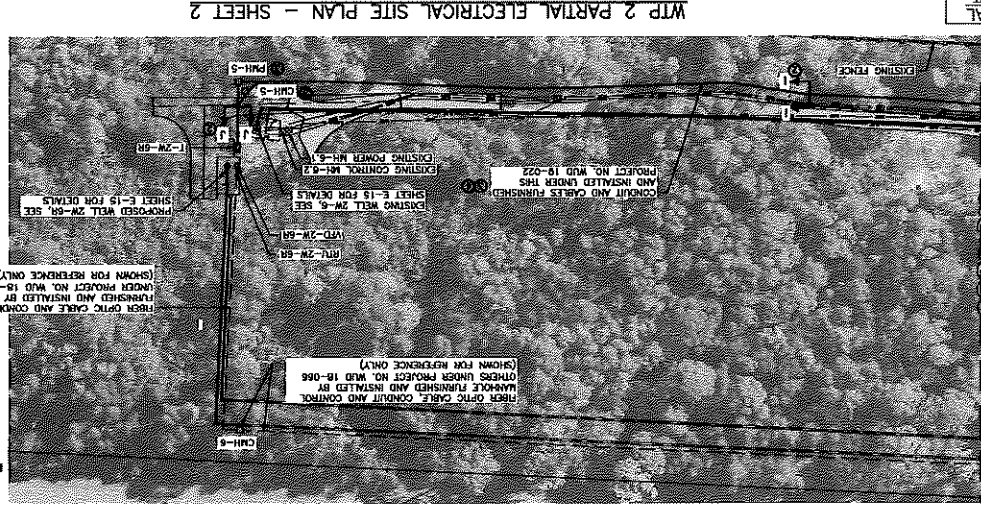
LICENSED PROFESSIONAL:  
 J.A. Geotechnics  
 1907 Commercial Lane, Suite 100  
 Palm Beach Gardens, FL 33410  
 (561) 988-0288  
 www.jageo.com

**Kimley-Horn**  
 CONSULTANTS  
 1200 South Dixie Highway, Suite 300  
 Palm Beach Gardens, FL 33410  
 (561) 855-2200  
 www.kimley-horn.com



**Palm Beach County**  
 Water Utilities Department  
 PROJECT NO. WUD 18-022  
 WTP 2 PARTIAL ELECTRICAL SITE PLAN - SHEET 2  
 OCTOBER 2021

SHEET:  
 E-4  
 WTP 2 PARTIAL ELECTRICAL SITE PLAN - SHEET 2

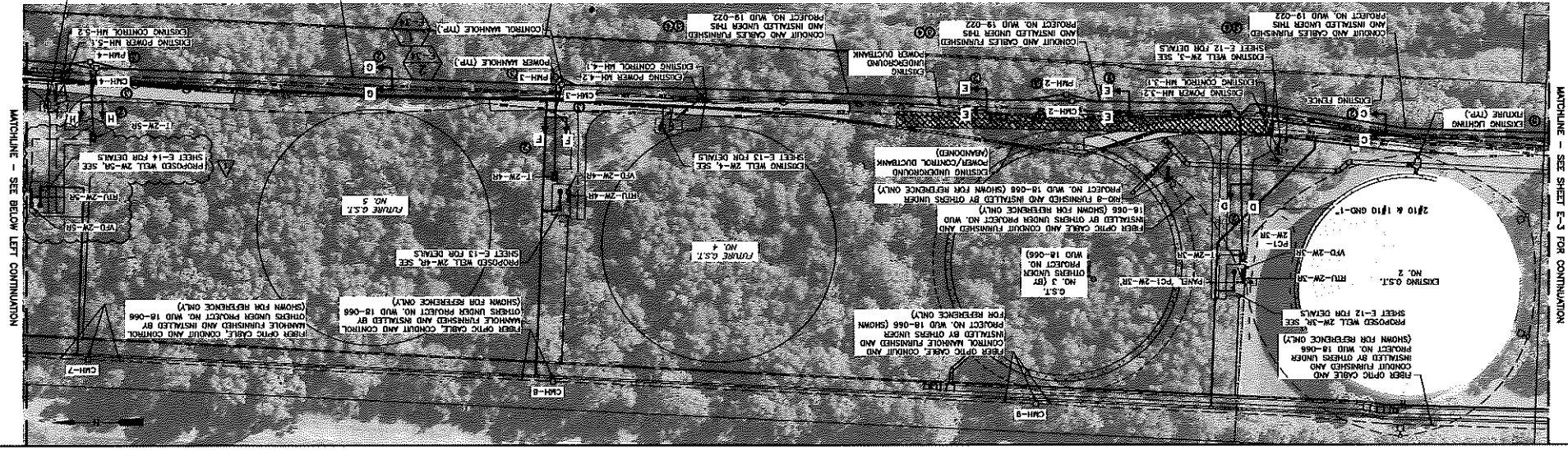


- NOTES:**
- REFER TO SINGLE LINE DIAGRAMS AND RISER DIAGRAMS FOR CONDUIT AND WIRE REQUIREMENTS.
  - REFER TO SHEET E-38 FOR DUCTBANK CONDUIT SECTION REQUIREMENTS.
  - MAINTAIN INSTALLATION AND VEGETATION REMOVAL AND SHIELDING REQUIREMENTS FOR 4100V POWER CONDUIT, FIBER CONDUIT AND CONDUIT SHALL RECEIVE THEM AS NEEDED FOR NEW CONDUIT AND MANHOLE INSTALLATION, INDICATED ON NOT ON THE DRAWINGS. TYPICAL FOR THE ENTIRE 4100V POWER/VEGETATION REMOVAL CONDUIT ROUTING.
  - CONDUIT SHALL ROUTE NEW DUCTBANK EAST OF EXISTING UNDERGROUND POWER DUCTBANK AND MAINTAIN A MINIMUM 6'-0" HORIZONTAL DISTANCE FROM EXISTING UNDERGROUND POWER DUCTBANK.
  - CONTRACTOR SHALL RECEED EXISTING LIGHTING FIXTURES AT EXISTING EXISTING CIRCUIT FROM EXISTING SOURCE (EXISTING WELL 2W-2) TO THE FIRST LIGHTING FIXTURE AND REFERED FROM PCT-2W-2R.

**CONFORMED SET**  
 I hereby certify that the above drawings were prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer in the State of Florida.  
 J.A. Geotechnics  
 License No. 118-0008  
 Date: 10/20/2021

I hereby certify that the above drawings were prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer in the State of Florida.  
 Kimley-Horn  
 License No. 118-0008  
 Date: 10/20/2021

I hereby certify that the above drawings were prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer in the State of Florida.  
 J.A. Geotechnics  
 License No. 118-0008  
 Date: 10/20/2021



SHEET E-14	PROJECT NO. W-19-022 WELLFIELD IMPROVEMENTS PHASE B Palm Beach County Water Utilities Department		I/A Geosciences 1507 Commercial Loop, Suite 304 Palm Beach, FL 33480 (561) 845-2222 www.ia-geosciences.com	LICENSED PROFESSIONAL ENGINEER NUMBER 123456 EXPIRES 12/31/2024	DATE 10/20/24	CHECKED LMR	APPROVED DATE 10/20/24	REV. DATE 10/20/24 BY DO	DESCRIPTION CONSTRUCTION REVISION NO. 5
						DESIGNED ED	DRAWN BRM		

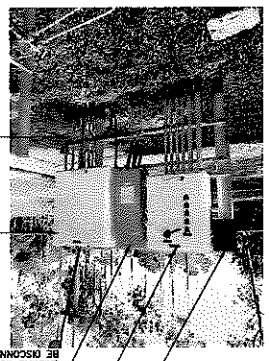
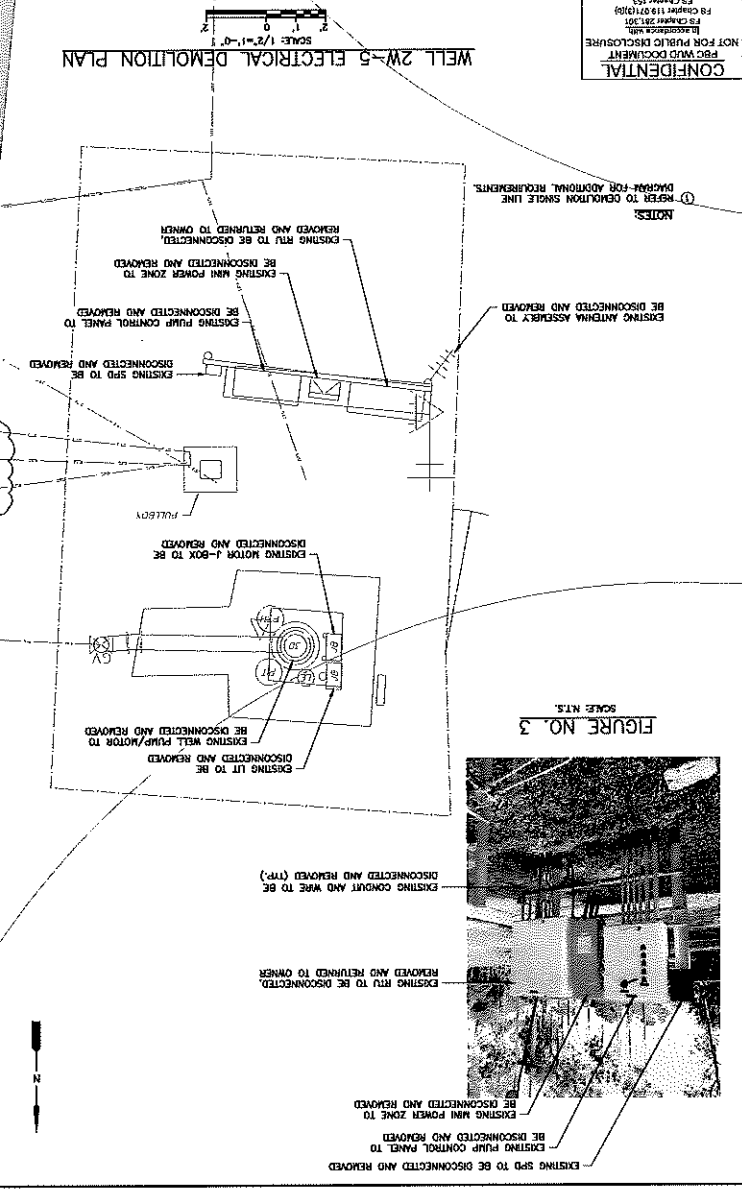
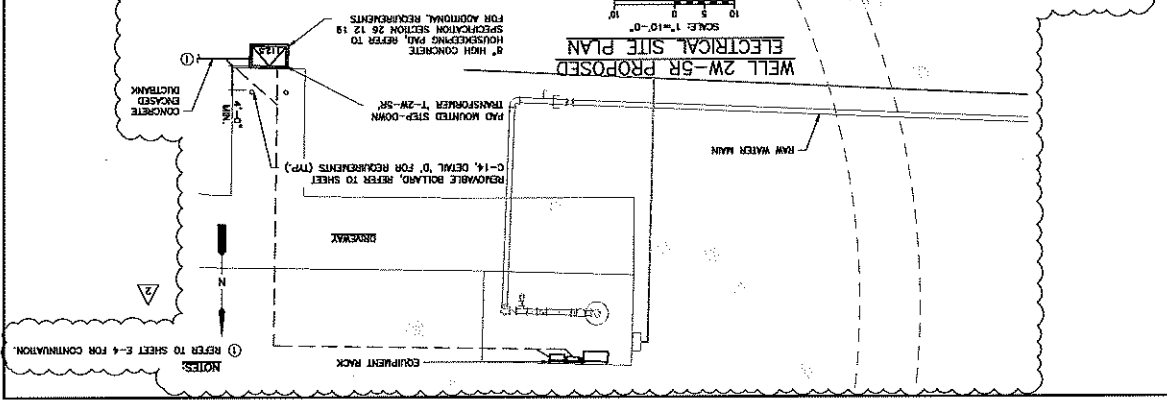
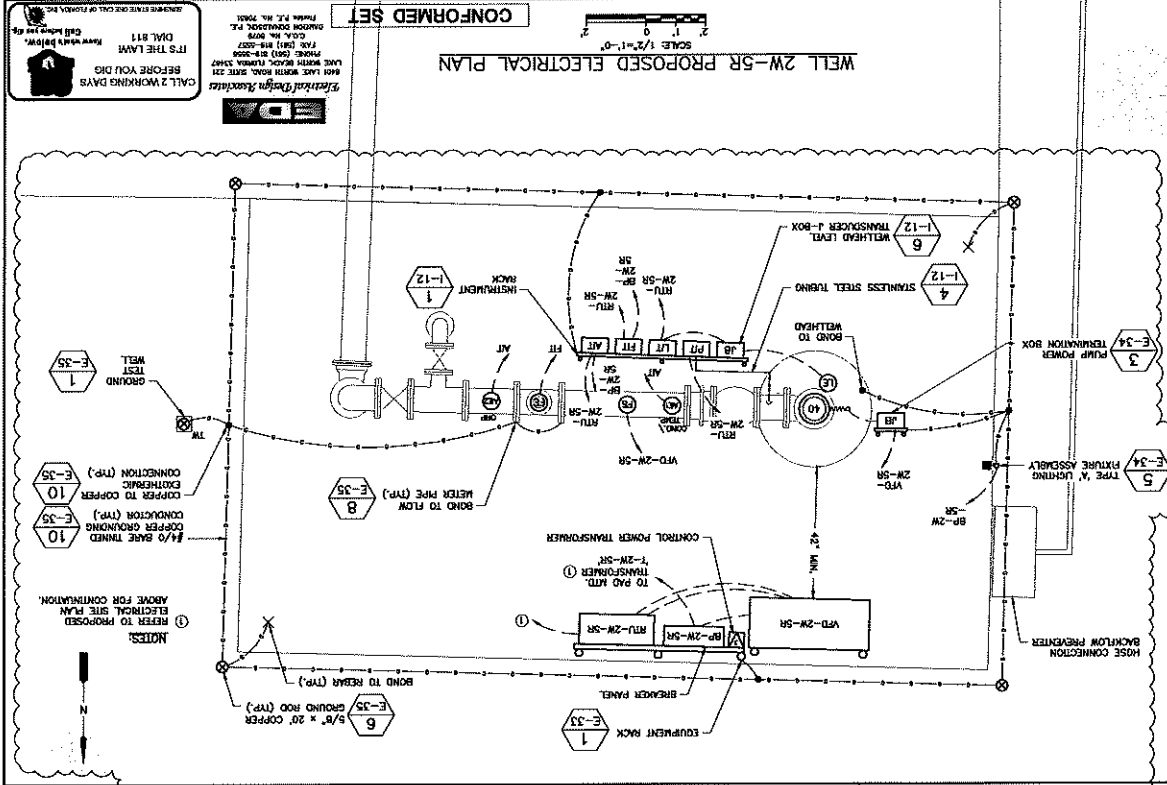


FIGURE NO. 3  
SCALE: N.T.S.

FILE: C:\PROJECTS\ELECTRICAL DESIGN ASSOCIATES\PROJECTS\W-19-022\PROJECTS\W-19-022\WELL 2W-5R.DWG  
 DATE: 10/20/24 1:38 PM  
 USER: mmasala

CONFIDENTIAL  
 NOT FOR PUBLIC DISSEMINATION  
 PROJECT DOCUMENT  
 P-3 CHANGES (10/20/24)  
 P-2 CHANGES (10/20/24)  
 P-1 CHANGES (10/20/24)  
 P-0 CHANGES (10/20/24)



**PALM BEACH COUNTY  
WATER UTILITIES DEPARTMENT**

**WORK DIRECTIVE**

To: Jeffrey Holts, Sr. V.P.  
Florida Design Drilling Corporation  
Contractors Name

7733 Hooper Road  
West Palm Beach, FL 33411  
Address

Project Name: Wellfield Improvements – Phase 2  
Project No.: WUD 19-022  
Work Directive No.:   8  

Resolution No. R-2021-1923

In accordance with your cost proposal 13, dated January 30, 2024 you are authorized to perform the following scope of work:

1. Furnish and install two (2) 48" x 30" x 36" electrical manholes between PMH-10 and well 8W-3 to facilitate safe installation of power conductors. Cost for this work is \$14,684.07.

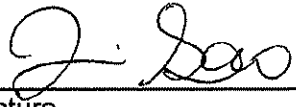
  X   Lump Sum Price of \$14,684.07

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.  
Name

Director of Engineering  
Title

*NPG*   
Signature

2/12/2024  
Date



**FLORIDA DESIGN DRILLING LLC**  
 7733 Hooper Road  
 West Palm Beach, FL 33411

NO. : 13  
 COST PROPOSAL

PROJECT NAME:	19-022 Wellfield Improvements Phase 2	DATE:	January 30, 2024
LOCATION:	Palm Beach County, FL	DRAWING NO.:	
OWNER:	Palm Beach County Water Utility District	SPEC. SECTION:	
ENGINEER:	JLA Geosciences		

REFERENCE: TIME & MATERIAL: \_\_\_\_\_ REQUEST FOR PROPOSAL: X  
 DESCRIPTION: *Furnish and install two (2) 48"x30"x36" electrical manholes between PMH-10 and well BW-3 to facilitate safe installation of power conductors.*

**PRICING INFORMATION**

	SKILL/TRADE	MAN-HOURS	RATE	COST	
1. DIRECT LABOR	Welder	MH	\$ 150.00	\$ -	
	Unskilled	MH	\$ 48.00	\$ -	
	Skilled	MH	\$ 58.00	\$ -	
	Operator	MH	\$ 65.00	\$ -	
	Foreman	MH	\$ 70.00	\$ -	
	Superintendent	MH	\$ 120.00	\$ -	
	Project Engineer	MH	\$ 120.00	\$ -	
	Project Manager	4 MH	\$ 175.00	\$ 700.00	
				\$ -	
	1.C DAILY GENERAL CONDITIONS	Time Increase	DY		\$ -
	SUBTOTAL (1)				\$ 700.00
	SMALL TOOLS & CONSUMABLES				4%
	OVERHEAD & PROFIT				15%
TOTAL (1)				\$ 837.20	

	DESCRIPTION	WEEKS	UNIT PRICE	COST
2. MATERIALS AND EQUIPMENT	2.A EQUIPMENT:			
	Backhoe	DY	\$400.00	\$ -
	Backhoe	WK	\$850.00	\$ -
	Concrete Pump	DY	\$450.00	\$ -
	Plate Compactor	WK	\$250.00	\$ -
				\$ -
				\$ -
				\$ -
				\$ -
		Equipment mobilization/demob	EA	\$400.00
SUBTOTAL (2.A)				\$ -
2.B MATERIAL	FUEL (ON 2.A ONLY)		12%	\$ -
	MATERIAL	UNITS NOTED		\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
	SUBTOTAL (2.B)			
SALES TAX (ON 2.B ONLY)				6%
SURTAX ON FIRST \$5,000 OF EACH DELV				1%
SUBTOTAL (2)				\$ -
OVERHEAD & PROFIT				15%
TOTAL (2)				\$ -

3. SUBCONTRACTORS	DESCRIPTION OF WORK	COST
Pyke Electric	Electrician	\$ 12,913.28

OVERHEAD & PROFIT	SUBTOTAL (3)	\$ 12,913.28
	5%	\$ 645.66
	TOTAL (3)	\$ 13,558.94
	TOTAL (1)+(2)+(3)	\$ 14,396.14
	Bonds & Insurance	2.0%
Permits	0.0%	\$ -
GRAND TOTAL		\$ 14,684.07

By: \_\_\_\_\_ By: \_\_\_\_\_ By: \_\_\_\_\_  
 Engineer (Authorized Signature) Owner (Authorized Signature) Florida Design Drilling LLC  
 Date: \_\_\_\_\_ Date: \_\_\_\_\_ Date: \_\_\_\_\_



# PYKE ELECTRIC, INC.

## Change Order

5872 Triphammer Road Lake worth Florida 33463  
 Phone: 561 628 3009  
 E-Mail: jspikey2k@yahoo.com Lie. # EC13005257

### 21-101-017-2

Date 1/4/2024

**THIS CHANGE ORDER IS MADE TO:**

<b>Florida Design Drilling Corporation</b>	<b>Job Number:</b> PROJECT # 19-022
7733 Hooper Road	<b>Job Name:</b> PBC WELLFIELD IMPROVEMENT PHASE 2
West Palm Beach, FL 33411	<b>Address:</b> 1500 NORTH JOG ROAD WEST PALM BEACH, FLORIDA 33417
	<b>Plan Date :</b> 10/28/2021
Phone: (561) 818-3228 CELL: (561) 818-3228	<b>Revisions:</b>
Fax: (561)844-2967 Email: jeff@fldrilling.com	<b>Architect:</b>
Attn: Jeffrey Holst	<b>Engineer:</b>
	<b>Sheet:</b> E-18

**DESCRIPTION****ADDITIONAL WORK REQUIRED/CHANGES REQUESTED**


**LABOR**

Item	Description	Unit	Rate	Qty.	SubTotal
1	INSTALLATION OF ADDITIONAL MANHOLE	HR	\$45.00	64	\$ 2,880.00
2					
3					
4					
<b>LABOR TOTAL</b>					<b>\$ 2,880.00</b>

**ADDITIONAL WORK REQUIRED/CHANGES REQUESTED****MATERIALS**

Item	Description	Unit	Price	Qty.	SubTotal
1	48" X 30" X 36" MANHOLE WITH	EA	\$3,320.00	2	\$6,640.00
2					
3					
					\$6,640.00
<b>TAX (7%)</b>					<b>\$464.80</b>
<b>MATERIALS TOTAL</b>					<b>\$7,104.80</b>

**MISCELLANEOUS EXPENSE / MATERIAL**

Item	Description	Price	Qty.	SubTotal
1	CONTRACTOR OVER HEAD AND PROFIT	\$11,284.80	10%	\$1,128.48
2	EQUIPMENT RENTAL	\$1,300.00	1.00	\$1,300.00
3	MISCELLEANEOUS MATERIAL	\$ 500.00	1.00	\$ 500.00
<b>MISCELLANEOUS SUBTOTAL</b>				<b>\$2,928.48</b>
<b>TAX (7%)</b>				<b>\$ 0.00</b>
<b>MISCELLANEOUS TOTAL</b>				<b>\$2,928.48</b>

**SUBTOTAL (labor, materials, subcontract, equip & misc.)** \$12,913.28

**Total of RCO (CREDIT)**

**Comments:**



**FLORIDA DESIGN DRILLING LLC**  
 7733 Hooper Road  
 West Palm Beach, FL 33411

NO. : COST PROPOSAL  
 13

PROJECT NAME:	19-022 Wellfield Improvements Phase 2	DATE:	January 30, 2024
LOCATION:	Palm Beach County, FL	DRAWING NO.:	
OWNER:	Palm Beach County Water Utility District	SPEC. SECTION:	
ENGINEER:	JLA Geosciences		

REFERENCE: TIME & MATERIAL: \_\_\_\_\_ REQUEST FOR PROPOSAL: **X**  
 DESCRIPTION: Furnish and install two (2) 48"x30"x36" electrical manholes between PMH-10 and well 8W-3 to facilitate safe installation of power conductors.

**PRICING INFORMATION**

	SKILL/TRADE	MAN-HOURS	RATE	COST	
1. DIRECT LABOR	Welder	MH	\$ 150.00	\$ -	
	Unskilled	MH	\$ 48.00	\$ -	
	Skilled	MH	\$ 58.00	\$ -	
	Operator	MH	\$ 65.00	\$ -	
	Foreman	MH	\$ 70.00	\$ -	
	Superintendent	MH	\$ 120.00	\$ -	
	Project Engineer	MH	\$ 120.00	\$ -	
	Project Manager	4 MH	\$ 175.00	\$ 700.00	
	Time Increase	DY		\$ -	
	SUBTOTAL (1)				\$ 700.00
	SMALL TOOLS & CONSUMABLES				4% \$ 28.00
	OVERHEAD & PROFIT				15% \$ 109.20
	TOTAL (1)				\$ 837.20

	DESCRIPTION	WEEKS	UNIT PRICE	COST
2. MATERIALS AND EQUIPMENT	2.A EQUIPMENT:			
	Backhoe	DY	\$400.00	\$ -
	Backhoe	WK	\$850.00	\$ -
	Concrete Pump	DY	\$450.00	\$ -
	Plate Compactor	WK	\$250.00	\$ -
				\$ -
				\$ -
				\$ -
				\$ -
		Equipment mobilization/demob	EA	\$400.00
SUBTOTAL (2.A)				\$ -
2.B MATERIAL	FUEL (ON 2.A ONLY)		12%	\$ -
	MATERIAL	UNITS NOTED		\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
	SUBTOTAL (2.B)			
SALES TAX (ON 2.B ONLY)				6% \$ -
SURTAX ON FIRST \$5,000 OF EACH DELV				1% \$ -
SUBTOTAL (2)				\$ -
OVERHEAD & PROFIT				15% \$ -
TOTAL (2)				\$ -

3. SUBCONTRACTORS	DESCRIPTION OF WORK	COST
Pyke Electric	Electrician.	\$ 12,913.28

OVERHEAD & PROFIT	SUBTOTAL (3)	\$ 12,913.28
	5%	\$ 645.66
	TOTAL (3)	\$ 13,558.94
	TOTAL (1)+(2)+(3)	\$ 14,396.14
	Bonds & Insurance	2.0% \$ 287.92
Permits	0.0% \$ -	
GRAND TOTAL		\$ 14,684.07

By: \_\_\_\_\_ By: \_\_\_\_\_ By: \_\_\_\_\_  
 Engineer (Authorized Signature) Owner (Authorized Signature) Florida Design Drilling LLC  
 Date: \_\_\_\_\_ Date: \_\_\_\_\_ Date: \_\_\_\_\_



# PYKE ELECTRIC, INC.

## Change Order

5872 Triphammer Road Lake worth Florida 33463  
 Phone: 561 628 3009  
 E-Mail: jspikey2k@yahoo.com Lic. # EC13005257

### 21-101-017-2

Date 1/4/2924

**THIS CHANGE ORDER IS MADE TO:**

<b>Florida Design Drilling Corporation</b>	<b>Job Number:</b> PROJECT # 19-022
7733 Hooper Road	<b>Job Name:</b> PBC WELLFIELD IMPROVEMENT PHASE 2
West Palm Beach, FL 33411	<b>Address:</b> 1500 NORTH JOG ROAD WEST PALM BEACH, FLORIDA 33417
	<b>Plan Date :</b> 10/28/2021
Phone: (561) 818-3228 CELL: (561) 818-3228	<b>Revisions:</b>
Fax: (561)844-2967 Email: jeff@fldrilling.com	<b>Architect:</b>
Attn: Jeffrey Holst	<b>Engineer:</b>
	<b>Sheet:</b> E-18

**DESCRIPTION****ADDITIONAL WORK REQUIRED/CHANGES REQUESTED**


**LABOR**

Item	Description	Unit	Rate	Qty.	SubTotal
1	INSTALLATION OF ADDITIONAL MANHOLE	HR	\$45.00	64	\$ 2,880.00
2					
3					
4					
<b>LABOR TOTAL</b>					<b>\$ 2,880.00</b>

**ADDITIONAL WORK REQUIRED/CHANGES REQUESTED****MATERIALS**

Item	Description	Unit	Price	Qty.	SubTotal
1	48" X 30" X 36" MANHOLE WITH	EA	\$3,320.00	2	\$6,640.00
2					
3					
					\$6,640.00
					TAX (7%) \$464.80
					<b>MATERIALS TOTAL \$7,104.80</b>

**MISCELLANEOUS EXPENSE /MATERIAL**

Item	Description	Price	Qty.	SubTotal
1	CONTRACTOR OVER HEAD AND PROFIT	\$11,284.80	10%	\$1,128.48
2	EQUIPMENT RENTAL	\$1,300.00	1.00	\$1,300.00
3	MISCELLEANEOUS MATERIAL	\$ 500.00	1.00	\$ 500.00
				MISCELLANEOUS SUBTOTAL \$2,928.48
				TAX (7%) \$ 0.00
				<b>MISCELLANEOUS TOTAL \$2,928.48</b>

**SUBTOTAL (labor, materials, subcontract, equip & misc.)**

\$12,913.28

**Total of RCO (CREDIT)****Comments:**

--



**Milestone 2 Electrical Work Delay**

Date: December 27, 2022

Project: WUD 19-022 Phase 2 PBC Wellfield Improvements

To: Rani Smith, JLA Geosciences

Please accept this letter as notification of delay beyond our control related to the work required to achieve Milestone 2. A predecessor to duct bank installation included in milestone 2 was tree removal. Tree removal was performed via an allowance line item in the contract because tree removal drawings for the area of duct bank installation were not part of the bid documents. The original tree removal drawings were requested by FDD on January 18, 2022. Drawings were received on February 4<sup>th</sup>, 2022 and we submitted our initial proposal for tree removal on February 18<sup>th</sup>, 2022. There were multiple revisions to the plans, as well as comments and revisions to our proposal. Our final proposal was submitted on June 24<sup>th</sup>, 2022 and accepted on that same day. Once we received approval, we submitted for the ERM permit for tree removal and it took a few months to secure the permit and schedule our subcontractor for the tree removal.

After tree removal, we performed GPR of the area in accordance with our approved proposal for GPR services. GPR could not be performed before tree removal because the trees and other vegetation was too thick to perform the work accurately. We discovered on or about September 15<sup>th</sup>, 2022 that additional tree removal beyond the original scope approved on June 24<sup>th</sup> was required due to unforeseen existing conditions. Per the contract plans, we were to install our duct bank on the east side of the existing duct bank and raw water main. GPR revealed that the existing duct bank and RWM were further east than expected and that additional tree removal was required.

We had site visits with Kimley-Horn on September 20<sup>th</sup> and October 18<sup>th</sup> to discuss the additional work required so that Kimley-Horn could provide new drawings for additional tree removal. Our proposal for the additional removal was approved on November 15<sup>th</sup>, 2022.

We performed the additional tree removal during the week of November 21<sup>st</sup> and resumed our duct bank installation on November 28<sup>th</sup>.

**Florida Design Drilling Corporation  
7733 Hooper Road, West Palm Beach, FL 33411  
561-844-2966  
State of Florida Water Well Contractor: 11148  
State of Florida General Contractor: 1522104**



The current deadline for Milestone 2 is September 26<sup>th</sup>, 2022. Based on the delays above, we finished all work associated with Milestone 2 on December 22<sup>nd</sup>, 2022. We hereby request an extension for Milestone 2 only in the amount of eighty-seven (87) calendar days.

Sincerely,

*Jeffrey Holst*

Jeffrey Holst

Senior Vice President

Florida Design Drilling Corporation

561-818-3228

jeff@fldrilling.com

**Florida Design Drilling Corporation**  
**7733 Hooper Road, West Palm Beach, FL 33411**  
**561-844-2966**  
**State of Florida Water Well Contractor: 11148**  
**State of Florida General Contractor: 1522104**



**Milestones 3 & 4 Electrical Work Delay**

Date: July 17<sup>th</sup>, 2023

Project: WUD 19-022 Phase 2 PBC Wellfield Improvements

To: Rani Smith, JLA Geosciences

Please accept this letter as notification of delay beyond our control related to the work required to achieve Milestone 3. The 4160V transformers required to achieve this milestone were not received until March 13<sup>th</sup>, 2023. We installed the transformers the day that they were received.

Once the transformers were received, we had to order cable, wait for it to be delivered, install it and test it before we could supply power to the RTU's for wells 2W-3 and 7. Once we had power for the wells, we could schedule startup and testing of the fiber optic cables. Hillers also had to perform programming and changes to the existing fiber optic system to get the RTU's fully functional.

The new fiber optic loop and RTU's were fully functional and accepted on June 28<sup>th</sup>, 2023.

We could not request health department clearance to put wells 2W-3 and 7 online and achieve milestone 4 until the fiber and RTU's were fully functional. Therefore, the transformer delivery delay also directly impacted milestone 4.

The current deadline for Milestone 3 is October 6<sup>th</sup>, 2022. Based on the delays above, we finished all work associated with Milestone 3 on June 28<sup>th</sup>, 2023. We hereby request an extension for Milestones 3 and 4 in the amount of two hundred and sixty-five (265) calendar days.

Sincerely,

  
Jeffrey Holst  
Senior Vice President  
Florida Design Drilling LLC  
561-818-3228  
jeff@fldrilling.com

**Florida Design Drilling Corporation**  
7733 Hooper Road, West Palm Beach, FL 33411  
561-844-2966  
State of Florida Water Well Contractor: 11148  
State of Florida General Contractor: 1522104





**Milestone 5 Electrical Work Delay**

Date: February 1<sup>st</sup>, 2024

Project: WUD 19-022 Phase 2 PBC Wellfield Improvements

To: Rani Smith, JLA Geosciences

Please accept this letter as notification of delay beyond our control related to the work required to achieve Milestone 5 and substantial completion. The VFD's required to put wells 8W-17 and 8W-18 were not received until July 13<sup>th</sup>, 2023. Wells 8W-17 and 18 are predecessors and critical path for construction of wells 8W-6 and 8W-23 and subsequently completion of milestone 5 and substantial completion.

Once the VFD's were received, we ordered cables, waited for delivery, install and tested cables before we could supply power to wells 8W-17 and 18. Once we had power for the wells, we scheduled startup and testing, bacteriological clearance, etc.

The current deadline for Milestone 5 is February 8<sup>th</sup>, 2024. Based on the delays above, we anticipate completion of Milestone 5 on August 19<sup>th</sup>, 2024. That anticipated completion date does not include any float. We hereby request an extension for Milestone 5 in the amount of two hundred and ten (210) calendar days, which provides 17 days of float for the milestone, and creates a new milestone 5 deadline of September 5<sup>th</sup>, 2024.

The substantial completion deadline is currently June 17<sup>th</sup>, 2024. The work for the WTP 8 wells and milestone 5 is critical path. We hereby request an extension for substantial completion in the amount of eighty (80) calendar days, which creates a new substantial completion deadline of September 5<sup>th</sup>, 2024.

Sincerely,

  
Jeffrey Holst  
Senior Vice President  
Florida Design Drilling LLC  
561-818-3228  
jeff@fldrilling.com

**Florida Design Drilling Corporation**  
7733 Hooper Road, West Palm Beach, FL 33411  
561-844-2966  
State of Florida Water Well Contractor: 11148  
State of Florida General Contractor: 1522104

Contract Deadlines	NTP 12/30/2021	Contract Completion Date	Actual Completion Date	Anticipated Completion Date	Difference between contract completion date and actual	Requested Float	End date with float	Delay Details
Interim Deadline 1	230	8/17/2022	8/17/2022	--	0	0	--	None
Interim Deadline 2	270	9/26/2022	12/22/2022	--	-87	0	--	(12/27/22) FDD requests 87 days due to additional tree removal and GPR work.
Interim Deadline 3	280	10/6/2022	6/28/2023	--	-265	0	--	(7/17/23) FDD requests 265 days for 4160V transformers delivery delay to ID 3. Critical path to ID 4.
Interim Deadline 4	420	2/23/2023	7/17/2023	--	-144	0	--	(7/17/23) FDD requests 265 days for 4160V transformers delivery delay to ID 3. Critical path to ID 4.
Interim Deadline 5	770	2/8/2024	--	8/19/2024	-193	-17	9/5/2024	(2/1/24) FDD requests 193 days for VFD delay plus 21 days float; Total 210 days. Critical path to substantial and final deadlines.
Substantial Completion	900	6/17/2024	--	9/5/2024	-80	0	9/5/2024	(2/1/24) FDD request for ID 5 delay includes request for 80 days to Substantial and Final Completion dates due to ID 5 being critical path to substantial.
Final Completion	930	7/17/2024	--	10/5/2024	-80	0	10/5/2024	(2/1/24) FDD request for ID 5 delay includes request for 80 days to Substantial and Final Completion dates to ID 5 being critical path to substantial/final.

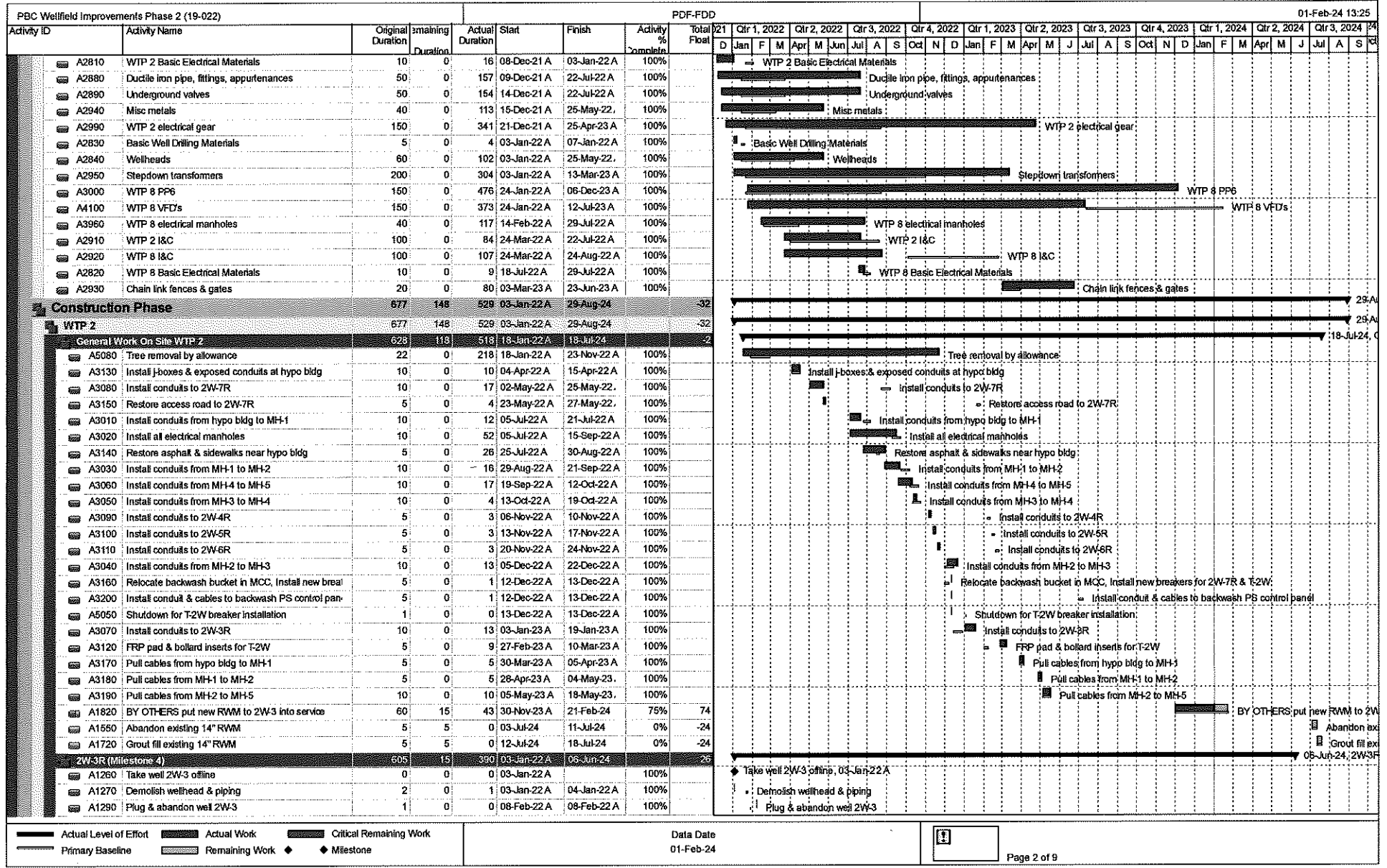
*Green = completed; Red = outstanding*

PBC Wellfield Improvements Phase 2 (19-022)										PDF-FDD												01-Feb-24 13:25														
Activity ID	Activity Name	Original Duration	Remaining Duration	Actual Duration	Start	Finish	Activity Complete %	Total Float	Gantt Chart												Q1 2024	Q2 2024	Q3 2024	Q4 2024												
									D	Jan	F	M	Apr	M	Jun	Jul	A	S	Oct	N					D	Jan	F	M	Apr	M	Jun	Jul	A	S	Oct	N
<b>PBC Wellfield Improvements Phase 2 (19-022)</b>										602	162	568	08-Nov-21 A	19-Sep-24		46																				
<b>General Requirements</b>										692	162	527	08-Nov-21 A	19-Sep-24		-46																				
<b>General Conditions</b>										691	22	392	30-Dec-21 A	19-Sep-24		-46																				
A1000	Notice to Proceed	0	0	0	30-Dec-21 A	25-Mar-22 A	100%		◆ Notice to Proceed, 30-Dec-21 A																											
A1010	Bldg Permits	22	0	60	30-Dec-21 A	25-Mar-22 A	100%		◆ Bldg Permits																											
A1020	Milestone 1 - 2W-3R Work Area Reduction (230 day	0	0	0		17-Aug-22 A	100%		◆ Milestone 1 - 2W-3R Work Area Reduction (230 days 8/17/22)																											
A1030	Milestone 2 - T-2W Electrical Work (270 days 9/26/2	0	0	0		22-Dec-22 A	100%		◆ Milestone 2 - T-2W Electrical Work (270 days 9/26/22)																											
A1090	Constraint to Start Work @ Wells 2W-4, 5, & 6 (420	0	0	0	23-Feb-23 A	23-Feb-23 A	100%		◆ Constraint to Start Work @ Wells 2W-4, 5, & 6 (420 days 2/23/23), 23-Feb-23 A																											
A1100	Constraint to Start 2W-3R Access Road (420 days 2	0	0	0	23-Feb-23 A	23-Feb-23 A	100%		◆ Constraint to Start 2W-3R Access Road (420 days 2/23/23), 23-Feb-23 A																											
A1040	Milestone 3 - 2W-3R & 2W-7R RTUs (280 days 10/6	0	0	0		28-Jun-23 A	100%		◆ Milestone 3 - 2W-3R & 2W-7R RTUs (280 days 10/6/22)																											
A1050	Milestone 4 - 2W-3R & 2W-7R Completion (420 day	0	0	0		17-Jul-23 A	100%		◆ Milestone 4 - 2W-3R & 2W-7R Completion (420 days 2/23/23)																											
A1060	Milestone 5 - All WTP 8 Wells Completion (770 days	0	0	0		19-Aug-24*	0%	-135	◆ Milestone 5 - All WTP 8 Wells Completion (770 days 8/19/24)																											
A1070	Substantial Completion (900 days 6/17/24)	0	0	0		19-Aug-24	0%	-46	◆ Substantia																											
A1110	Punchlist	22	22	0	20-Aug-24	19-Sep-24	0%	-46	◆ P																											
A1080	Final Completion (930 days 7/17/24)	0	0	0		19-Sep-24	0%	-46	◆ F																											
<b>Submittal Review</b>										653	123	250	08-Nov-21 A	25-Jul-24		-29																				
A1160	Well screens	10	0	20	08-Nov-21 A	08-Dec-21 A	100%		◆ Well screens																											
A1860	Misc metals	10	0	19	10-Nov-21 A	09-Dec-21 A	100%		◆ Misc metals																											
A1190	Ductile iron pipe, fittings, appurtenances	10	0	18	11-Nov-21 A	09-Dec-21 A	100%		◆ Ductile iron pipe, fittings, appurtenances																											
A1200	Underground valves	10	0	13	11-Nov-21 A	02-Dec-21 A	100%		◆ Underground valves																											
A1210	Flanged valves	10	0	13	11-Nov-21 A	02-Dec-21 A	100%		◆ Flanged valves																											
A1120	WTP 2 Basic Electrical Materials	15	0	8	15-Nov-21 A	29-Nov-21 A	100%		◆ WTP 2 Basic Electrical Materials																											
A2980	WTP 2 electrical manholes	15	0	8	15-Nov-21 A	29-Nov-21 A	100%		◆ WTP 2 electrical manholes																											
A1250	Concrete mix designs	10	0	5	23-Nov-21 A	02-Dec-21 A	100%		◆ Concrete mix designs																											
A1220	WTP 2 I&C	15	0	82	24-Nov-21 A	24-Mar-22 A	100%		◆ WTP 2 I&C																											
A1170	WTP 2 pumps & motors	15	0	4	30-Nov-21 A	06-Dec-21 A	100%		◆ WTP 2 pumps & motors																											
A1180	WTP 8 pumps & motors	15	0	4	30-Nov-21 A	06-Dec-21 A	100%		◆ WTP 8 pumps & motors																											
A1140	Basic Well Drilling Materials	10	0	1	01-Dec-21 A	02-Dec-21 A	100%		◆ Basic Well Drilling Materials																											
A2500	Stepdown transformers	15	0	18	01-Dec-21 A	28-Dec-21 A	100%		◆ Stepdown transformers																											
A1150	Wellheads	10	0	8	08-Dec-21 A	20-Dec-21 A	100%		◆ Wellheads																											
A1280	WTP 2 electrical gear	15	0	9	08-Dec-21 A	21-Dec-21 A	100%		◆ WTP 2 electrical gear																											
A5020	Wind load calculations	15	0	44	03-Jan-22 A	04-Mar-22 A	100%		◆ Wind load calculations																											
A2980	WTP 8 electrical gear	15	0	8	12-Jan-22 A	24-Jan-22 A	100%		◆ WTP 8 electrical gear																											
A1130	WTP 8 Basic Electrical Materials	15	0	17	20-Jan-22 A	14-Feb-22 A	100%		◆ WTP 8 Basic Electrical Materials																											
A3350	WTP 8 electrical manholes	15	0	8	02-Feb-22 A	14-Feb-22 A	100%		◆ WTP 8 electrical manholes																											
A5030	Radio Survey for WTP 8	15	0	10	22-Feb-22 A	08-Mar-22 A	100%		◆ Radio Survey for WTP 8																											
A1240	Chain link fences & gates	10	0	3	01-Mar-22 A	04-Mar-22 A	100%		◆ Chain link fences & gates																											
A1230	WTP 8 I&C	15	0	168	08-Mar-22 A	02-Nov-22 A	100%		◆ WTP 8 I&C																											
A4840	Short circuit coordination study	15	15	0	01-Feb-24	21-Feb-24	0%	79	◆ Short circuit coordination study																											
A5040	Electrical test reports	15	15	0	03-Jul-24	25-Jul-24	0%	-29	◆ Electrical t																											
<b>Procurement</b>										530	0	527	08-Nov-21 A	06-Dec-23 A																						
A2850	Well screens	30	0	44	08-Nov-21 A	13-Jan-22 A	100%		◆ Well screens																											
A2970	WTP 2 electrical manholes	40	0	85	29-Nov-21 A	30-Mar-22 A	100%		◆ WTP 2 electrical manholes																											
A2860	WTP 2 pumps & motors	100	0	201	05-Dec-21 A	20-Sep-22 A	100%		◆ WTP 2 pumps & motors																											
A2870	WTP 8 pumps & motors	100	0	202	06-Dec-21 A	20-Sep-22 A	100%		◆ WTP 8 pumps & motors																											
A2900	Flanged valves	50	0	180	08-Dec-21 A	22-Jul-22 A	100%		◆ Flanged valves																											

Actual Level of Effort
  Actual Work
  Critical Remaining Work

Primary Baseline
  Remaining Work
 ◆ Milestone

Date Date  
 01-Feb-24







PBC Wellfield improvements Phase 2 (19-022)							PDF-FDD												01-Feb-24 13:25			
Activity ID	Activity Name	Original Duration	Remaining Duration	Actual Duration	Start	Finish	Activity % Complete	Total Float	2021													
									Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
									Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
A2230	Install pit casing & grout in place	2	0	0	26-Jul-23 A	26-Jul-23 A	100%															
A2220	Plug & abandon well 2W-5	7	0	7	07-Aug-23 A	15-Aug-23 A	100%															
A2240	Drill 6" profile well, log, & abandon	4	0	4	14-Sep-23 A	19-Sep-23 A	100%															
A2250	Drill 28" borehole & log	2	0	2	20-Sep-23 A	21-Sep-23 A	100%															
A2260	Install 24" casing & grout in place	2	0	2	25-Sep-23 A	26-Sep-23 A	100%															
A2290	Setup formation water disposal system	2	0	2	27-Sep-23 A	28-Sep-23 A	100%															
A2270	Drill 22" borehole	2	0	9	29-Sep-23 A	11-Oct-23 A	100%															
A5100	Surface Feature DELAY	40	7	76	12-Oct-23 A	09-Feb-24	82.5%	-39														
A5110	Drill 28" borehole & log	2	2	0	12-Feb-24	13-Feb-24	0%	-39														
A5120	Install 24" casing & grout in place	2	2	0	14-Feb-24	15-Feb-24	0%	-39														
A5130	Drill 22" borehole	2	2	0	16-Feb-24	19-Feb-24	0%	-39														
A2280	Install new 16" screen, casing & gravel pack	3	3	0	20-Feb-24	22-Feb-24	0%	-39														
A2300	Well development	40	40	0	23-Feb-24	18-Apr-24	0%	-39														
A2310	Acidization (optional)	5	5	0	23-Feb-24	29-Feb-24	0%	-4														
A2320	Pump testing & WQ sampling	2	2	0	19-Apr-24	22-Apr-24	0%	-39														
A2330	Final video & logging	1	1	0	23-Apr-24	23-Apr-24	0%	-39														
A2340	Install casing flange	2	2	0	24-Apr-24	25-Apr-24	0%	-39														
A2350	Install wellhead & submersible pump	2	2	0	26-Apr-24	29-Apr-24	0%	-39														
A2360	Install RWM piping & pressure test	5	5	0	30-Apr-24	06-May-24	0%	-39														
A2370	Electrical slab rough-in & install racks	10	10	0	07-May-24	20-May-24	0%	-39														
A2380	FRP well slab, transformer pad, & bollard sleeves	5	5	0	21-May-24	28-May-24	0%	-39														
A2390	Install panels & instrument stands	5	5	0	29-May-24	04-Jun-24	0%	-39														
A2410	Pull & connect electrical wires	5	5	0	05-Jun-24	11-Jun-24	0%	-39														
A2420	Contractor startup	5	5	0	12-Jun-24	18-Jun-24	0%	-39														
A2430	Disinfection & bac-T sampling	10	10	0	19-Jun-24	02-Jul-24	0%	-39														
A2440	Witnessed startup & testing	5	5	0	03-Jul-24	11-Jul-24	0%	-39														
A2450	Health department clearance	20	20	0	12-Jul-24	08-Aug-24	0%	-39														
A2470	Put well 2W-5R into service	0	0	0		08-Aug-24	0%	-39														
A2770	Install MJ plug in tee & remove RWM	5	5	0	09-Aug-24	15-Aug-24	0%	-32														
A2480	Construct stabilized access driveway	5	5	0	16-Aug-24	22-Aug-24	0%	-32														
A2490	Final restoration & sodding	5	5	0	23-Aug-24	29-Aug-24	0%	-32														
<b>2W-5R</b>									486	128	358	01-Sep-22 A	01-Aug-24									
A5000	Tree removal	5	0	5	01-Sep-22 A	08-Sep-22 A	100%															
A3480	Pothole existing RWM	1	0	1	29-Sep-22 A	29-Sep-22 A	100%															
A2710	Install step-down transformer	1	0	0	13-Mar-23 A	13-Mar-23 A	100%															
A2510	Take well 2W-6 offline	0	0	0	18-Jul-23 A		100%															
A2520	Demolish wellhead & piping	1	0	2	18-Jul-23 A	20-Jul-23 A	100%															
A2540	Install pit casing & grout in place	2	0	0	25-Jul-23 A	25-Jul-23 A	100%															
A2530	Plug & abandon well 2W-6	3	0	3	07-Aug-23 A	09-Aug-23 A	100%															
A2550	Drill 6" pilot, log, & abandon	3	0	3	17-Oct-23 A	19-Oct-23 A	100%															
A2560	Drill 28" borehole & log	4	0	2	20-Oct-23 A	24-Oct-23 A	100%															
A2570	Install 24" casing & grout in place	2	0	3	25-Oct-23 A	30-Oct-23 A	100%															
A2580	Drill 22" borehole & log	2	0	1	31-Oct-23 A	01-Nov-23 A	100%															
A2590	Install new 16" screen, casing & gravel pack	3	0	1	02-Nov-23 A	03-Nov-23 A	100%															
A2600	Setup formation water disposal system	1	0	1	08-Nov-23 A	08-Nov-23 A	100%															
A2610	Well development	40	31	43	30-Nov-23 A	14-Mar-24	22.5%	-29														
A2620	Acidization (optional)	5	5	0	01-Feb-24	07-Feb-24	0%	-3														

Actual Level of Effort
  Actual Work
  Critical Remaining Work
  Remaining Work
  Milestone

Data Date  
01-Feb-24

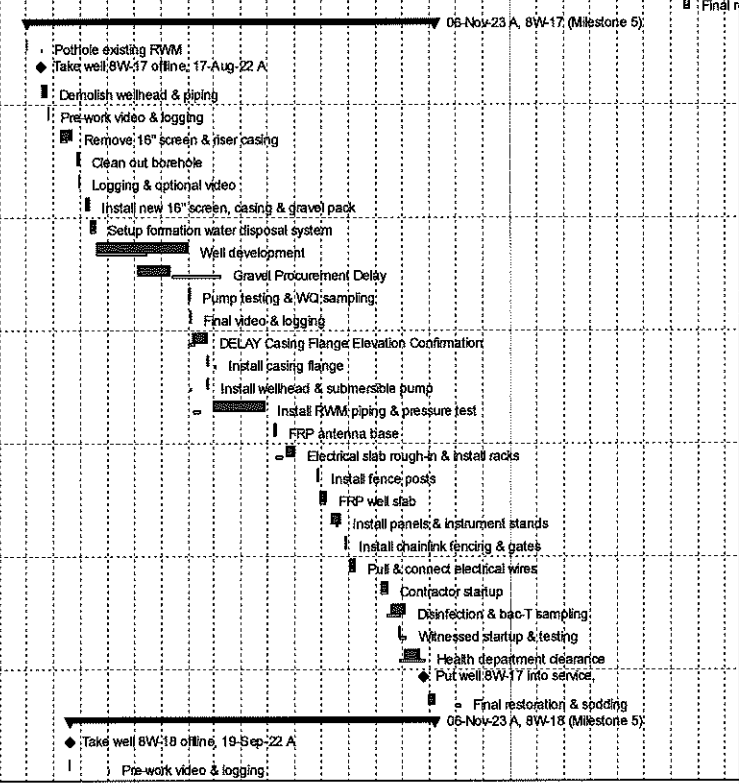








PBC Wellfield Improvements Phase 2 (19-022)										PDF-FDD												01-Feb-24 13:25																	
Activity ID	Activity Name	Original Duration	Remaining Duration	Actual Duration	Start	Finish	Activity % Complete	Total Float	Q1 2022	Q1 2022	Q2 2022	Q2 2022	Q3 2022	Q3 2022	Q4 2022	Q4 2022	Q1 2023	Q1 2023	Q2 2023	Q2 2023	Q3 2023	Q3 2023	Q4 2023	Q4 2023	Q1 2024	Q1 2024	Q2 2024	Q2 2024	Q3 2024	Q3 2024									
										D	Jan	F	M	Apr	M	Jun	Jul	A	S	D	Jan	F	M	Apr	M	J	Jul	A	S	D	Jan	F	M	Apr	M	J	Jul	A	S
A3800	FRP antenna base	3	3	0	10-May-24	14-May-24	0%	-135																															
A3810	Electrical slab rough-in & install racks	5	5	0	15-May-24	21-May-24	0%	-135																															
A3940	Install fence posts	2	2	0	22-May-24	23-May-24	0%	-135																															
A3820	FRP well slab	4	4	0	24-May-24	30-May-24	0%	-135																															
A3830	Install panels & instrument stands	3	3	0	31-May-24	04-Jun-24	0%	-135																															
A3920	Install chainlink fencing & gates	2	2	0	05-Jun-24	06-Jun-24	0%	-107																															
A3850	Pull & connect electrical wires	5	5	0	12-Jun-24	18-Jun-24	0%	-135																															
A3860	Contractor startup	5	5	0	19-Jun-24	25-Jun-24	0%	-135																															
A3870	Disinfection & bac-T sampling	10	10	0	26-Jun-24	11-Jul-24	0%	-135																															
A3880	Witnessed startup & testing	5	5	0	12-Jul-24	18-Jul-24	0%	-135																															
A3890	Health department clearance	20	20	0	19-Jul-24	15-Aug-24	0%	-135																															
A3910	Put well 8W-23 into service	0	0	0		15-Aug-24	0%	-135																															
A3930	Final restoration & sodding	5	5	0	16-Aug-24	22-Aug-24	0%	-27																															
8W-17 (Milestone 5)		331	0	321	02-Aug-22 A	06-Nov-23 A																																	
A4090	Pothole existing RWM	1	0	0	02-Aug-22 A	02-Aug-22 A	100%																																
A4110	Take well 8W-17 offline	0	0	0	17-Aug-22 A		100%																																
A4130	Demolish wellhead & piping	5	0	5	18-Aug-22 A	24-Aug-22 A	100%																																
A4140	Pre-work video & logging	1	0	1	25-Aug-22 A	25-Aug-22 A	100%																																
A4150	Remove 16" screen & riser casing	5	0	5	09-Sep-22 A	22-Sep-22 A	100%																																
A4160	Clean out borehole	3	0	3	27-Sep-22 A	29-Sep-22 A	100%																																
A4170	Logging & optional video	1	0	1	30-Sep-22 A	30-Sep-22 A	100%																																
A4200	Install new 16" screen, casing & gravel pack	3	0	3	07-Oct-22 A	11-Oct-22 A	100%																																
A4210	Setup formation water disposal system	5	0	5	12-Oct-22 A	18-Oct-22 A	100%																																
A4220	Well development	40	0	70	19-Oct-22 A	31-Jan-23 A	100%																																
A5090	Gravel Procurement Delay	40	0	25	05-Dec-22 A	11-Jan-23 A	100%																																
A4240	Pump testing & WQ sampling	2	0	2	01-Feb-23 A	02-Feb-23 A	100%																																
A4250	Final video & logging	1	0	1	03-Feb-23 A	03-Feb-23 A	100%																																
A4520	DELAY Casing Flange Elevation Confirmation	5	0	13	06-Feb-23 A	23-Feb-23 A	100%																																
A4260	Install casing flange	1	0	1	23-Feb-23 A	24-Feb-23 A	100%																																
A4270	Install wellhead & submersible pump	1	0	1	23-Feb-23 A	24-Feb-23 A	100%																																
A4280	Install RWM piping & pressure test	5	0	42	02-Mar-23 A	28-Apr-23 A	100%																																
A4290	FRP antenna base	3	0	3	08-May-23 A	10-May-23 A	100%																																
A4300	Electrical slab rough-in & install racks	5	0	8	22-May-23 A	01-Jun-23 A	100%																																
A4310	Install fence posts	2	0	2	27-Jun-23 A	28-Jun-23 A	100%																																
A4320	FRP well slab	4	0	5	29-Jun-23 A	07-Jul-23 A	100%																																
A4330	Install panels & instrument stands	3	0	7	13-Jul-23 A	21-Jul-23 A	100%																																
A4350	Install chainlink fencing & gates	2	0	2	27-Jul-23 A	28-Jul-23 A	100%																																
A4340	Pull & connect electrical wires	5	0	5	02-Aug-23 A	08-Aug-23 A	100%																																
A4360	Contractor startup	5	0	5	07-Sep-23 A	13-Sep-23 A	100%																																
A4370	Disinfection & bac-T sampling	10	0	12	18-Sep-23 A	04-Oct-23 A	100%																																
A4380	Witnessed startup & testing	5	0	1	27-Sep-23 A	28-Sep-23 A	100%																																
A4390	Health department clearance	20	0	12	04-Oct-23 A	20-Oct-23 A	100%																																
A4410	Put well 8W-17 into service	0	0	0		25-Oct-23 A	100%																																
A4420	Final restoration & sodding	5	0	5	30-Oct-23 A	06-Nov-23 A	100%																																
8W-18 (Milestone 5)		290	0	288	19-Sep-22 A	06-Nov-23 A																																	
A4450	Take well 8W-18 offline	0	0	0	19-Sep-22 A		100%																																
A4480	Pre-work video & logging	1	0	0	19-Sep-22 A	19-Sep-22 A	100%																																



Actual Level of Effort (solid black bar)    Actual Work (hatched bar)    Critical Remaining Work (dotted bar)  
 Primary Baseline (solid grey bar)    Remaining Work (dotted bar)    Milestone (diamond)

Data Date  
01-Feb-24

PBC Wellfield Improvements Phase 2 (19-022)										PDF-FDD												01-Feb-24 13:25																	
Activity ID	Activity Name	Original Duration	Remaining Duration	Actual Duration	Start	Finish	Activity % Complete	Total Float	2022												2023				2024														
									Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec							
A4490	Remove 16" screen & riser casing	5	0	3	20-Sep-22 A	23-Sep-22 A	100%																																
A4470	Demolish wellhead & piping	1	0	0	21-Sep-22 A	21-Sep-22 A	100%																																
A4500	Clean out borehole	3	0	3	24-Oct-22 A	26-Oct-22 A	100%																																
A4960	Gravel Procurement Delay	30	0	54	27-Oct-22 A	17-Jan-23 A	100%																																
A4540	Install new 16" screen, casing & gravel pack	3	0	3	24-Jan-23 A	26-Jan-23 A	100%																																
A4510	Logging & optional video	1	0	1	24-Jan-23 A	24-Jan-23 A	100%																																
A4550	Setup formation water disposal system	3	0	3	25-Jan-23 A	27-Jan-23 A	100%																																
A4560	Well development	40	0	27	30-Jan-23 A	08-Mar-23 A	100%																																
A4580	Pump testing & WQ sampling	2	0	2	08-Mar-23 A	09-Mar-23 A	100%																																
A4590	Final video & logging	1	0	1	10-Mar-23 A	13-Mar-23 A	100%																																
A4600	Install casing flange	2	0	0	19-Apr-23 A	19-Apr-23 A	100%																																
A4430	Pothole existing RWM	1	0	0	19-Apr-23 A	19-Apr-23 A	100%																																
A4610	Install wellhead & submersible pump	2	0	0	21-Apr-23 A	21-Apr-23 A	100%																																
A4440	Restrain existing RWM	2	0	1	24-Apr-23 A	25-Apr-23 A	100%																																
A4620	Install RWM piping & pressure test	5	0	4	30-May-23 A	02-Jun-23 A	100%																																
A4460	Install BFV	3	0	0	30-May-23 A	30-May-23 A	100%																																
A4630	FRP antenna base	3	0	3	05-Jun-23 A	07-Jun-23 A	100%																																
A4640	Electrical slab rough-in & install racks	8	0	13	08-Jun-23 A	26-Jun-23 A	100%																																
A4650	Install fence posts	2	0	2	27-Jun-23 A	28-Jun-23 A	100%																																
A4660	FRP well slab	4	0	5	29-Jun-23 A	07-Jul-23 A	100%																																
A4670	Install panels & instrument stands	3	0	5	13-Jul-23 A	19-Jul-23 A	100%																																
A4690	Install chainlink fencing & gates	2	0	2	27-Jul-23 A	28-Jul-23 A	100%																																
A4680	Pull & connect electrical wires	5	0	5	08-Aug-23 A	14-Aug-23 A	100%																																
A4700	Contractor startup	5	0	5	07-Sep-23 A	13-Sep-23 A	100%																																
A4710	Disinfection & bac-T sampling	10	0	12	18-Sep-23 A	04-Oct-23 A	100%																																
A4720	Witnessed startup & testing	5	0	1	27-Sep-23 A	28-Sep-23 A	100%																																
A4730	Health department clearance	20	0	12	04-Oct-23 A	20-Oct-23 A	100%																																
A4750	Put well 8W-18 into service	0	0	0		25-Oct-23 A	100%																																
A4760	Final restoration & sodding	5	0	5	30-Oct-23 A	06-Nov-23 A	100%																																
<b>8W-22 (Milestone 5)</b>									225	-135	86	28-Sep-23 A	16-Aug-24	-135																									
A4970	Cable delivery for 8W-22 and 8W-3	20	0	20	28-Sep-23 A	28-Feb-24	0%	-25																															
A4770	Pull new cables to 8W-22 & test	5	5	0	29-Feb-24	06-Mar-24	0%	-25																															
A4830	Take well 8W-22 offline	0	0	0	16-Aug-24	16-Aug-24	0%	-135																															
A4920	Terminate new cables & demolish existing cables	1	1	0	16-Aug-24	16-Aug-24	0%	-135																															
A4780	Put well 8W-22 online	0	0	0		16-Aug-24	0%	-135																															
<b>8W-3 (Milestone 5)</b>									115	115	0	07-Mar-24	19-Aug-24	-135																									
A4860	Pull new cables to 8W-3 & test	5	5	0	07-Mar-24	13-Mar-24	0%	-25																															
A4850	Take well 8W-3 offline	0	0	0	19-Aug-24	19-Aug-24	0%	-135																															
A4930	Terminate new cables & demolish existing cables	1	1	0	19-Aug-24	19-Aug-24	0%	-135																															
A4870	Put well 8W-3 online	0	0	0		19-Aug-24	0%	-135																															
<b>8W-14 (Milestone 5)</b>									145	0	125	03-Jul-23 A	23-Dec-23 A																										
A4880	Install j-box and conduits to 8W-14	5	0	4	03-Jul-23 A	10-Jul-23 A	100%																																
A4900	Pull new cables to 8W-14 & terminate/test	5	0	30	11-Aug-23 A	25-Sep-23 A	100%																																
A4910	Put well 8W-14 online	0	0	0		25-Sep-23 A	100%																																
A4890	Take well 8W-14 offline	0	0	0	25-Sep-23 A		100%																																
A4940	Demolish existing conduit & cables	5	0	5	15-Dec-23 A	21-Dec-23 A	100%																																
A4950	Restoration	5	0	5	22-Dec-23 A	29-Dec-23 A	100%																																

Actual Level of Effort
  Actual Work
  Critical Remaining Work
  Primary Baseline
  Remaining Work
  Milestone

Date Date: 01-Feb-24 Page 9 of 9

**ATTACHMENT 2  
LOCATION MAP  
PBCWUD Project No. 19-022  
Water Treatment Plant No. 2**

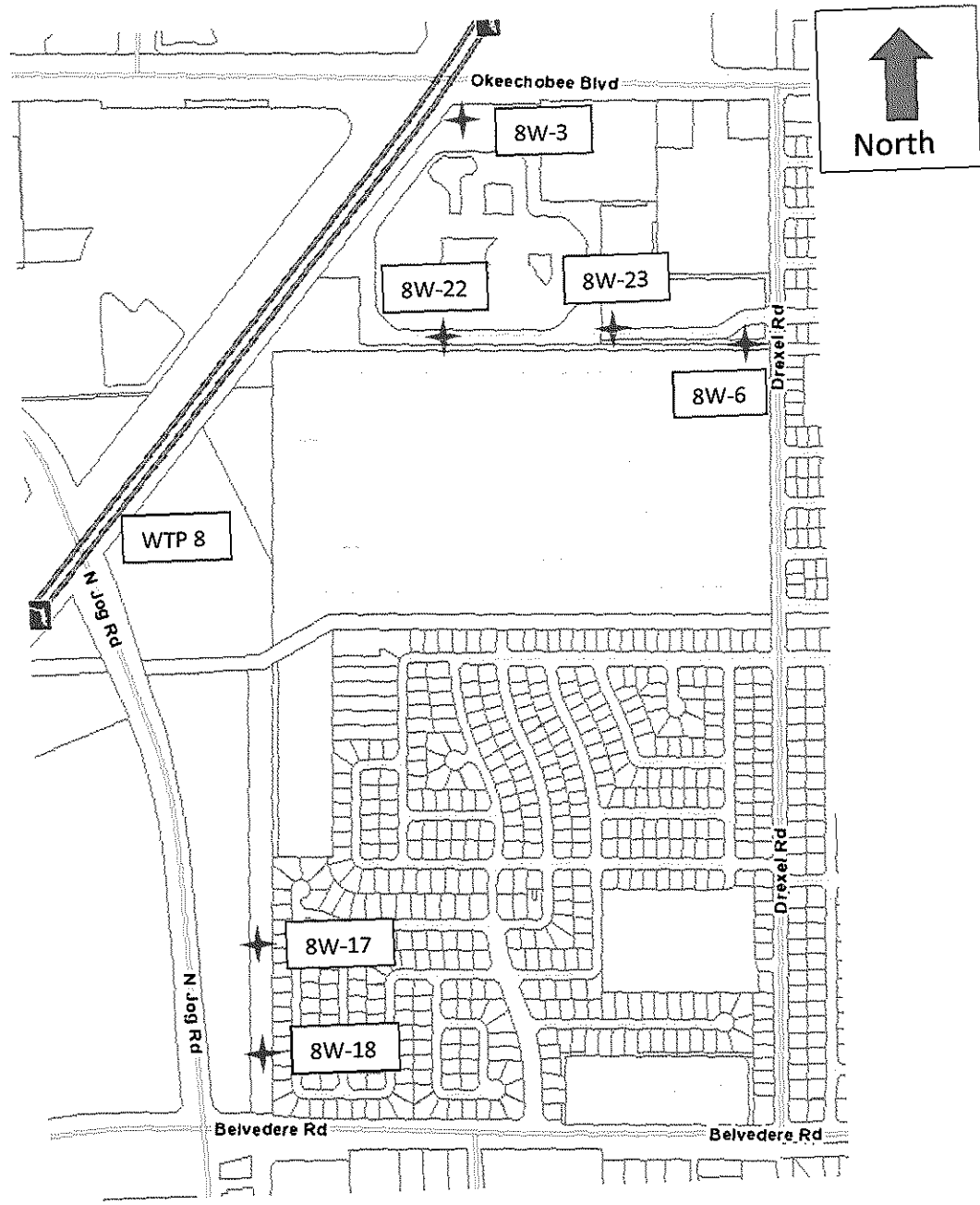


★ Well Locations

WTP 2 - Water Treatment Plant No. 2

Not to Scale

**ATTACHMENT 2  
LOCATION MAP  
PBCWUD Project No. 19-022  
Water Treatment Plant No. 8**



★ Well Locations

WTP 8 – Water Treatment Plant No. 8

Not to Scale

# ATTACHMENT 3



## 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
DX00001619	Florida Design Drilling LLC	Modified	Compliant					WUD 19-022 Phase 2	Wellfield Improvements Phase 2
		A+g , XV	Greenwich Insurance Company	RAC9438273	1/1/2024	1/1/2025	Auto Liability		
		A-g , X	Imperium Insurance Company	ARUIICCX000007701	1/1/2024	1/1/2025	Excess Liability		
		A+g , XV	Greenwich Insurance Company	rgc3001970	1/1/2024	1/1/2025	General Liability		
		Ag , XV	Aspen American Insurance Company	IMZ211524	1/1/2024	1/1/2025	Installation Floater		
		A+g , XV	Greenwich Insurance Company	RWC3001969	1/1/2024	1/1/2025	Workers Comp		

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