

HC WATERWORKS, INC.

FILED 12/5/2019
DOCUMENT NO. 11220-2019
FPSC - COMMISSION CLERK

November 26, 2019

Office of Commission Clerk
Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399

Re: Docket No. 20190166-WU Application for increase in water rates in Highlands County by
HC Waterworks, Inc. – *Response to Staff First Data Request*

Dear Commission Clerk,

HC Waterworks, Inc. (HCWW) hereby submits its response to Staff's First Data Request dated
November 21, 2019.

1. According to MFR Schedule B-5, page 2 of 2, line 7, the expense for Chemicals increased substantially in January 2019 and May 2019. Please explain these variances and provide supporting documentation.

Response: There were deliveries of Sulfuric Acid and Sodium Hydroxide made in these months. They are not delivered every month. See attached invoices.

2. According to MFR Schedule B-5, page 2 of 2, line 27, Miscellaneous Expense showed substantial variances in July 2018, September 2018, February 2019, March 2019, and April 2019. Please explain these variances and provide supporting documentation.

Response: See below for major items in those months. The political contributions have been removed on MFR schedule B-3. The credit in April 2019 was to reverse previous garbage collections in prior months that are covered under the U.S. Water Operations Contract. Also see attached documents.

<u>Month</u>	<u>Major Item</u>
July 2018	FDEP Annual Permits - \$1,500
September 2018	Political contributions \$2,000 – these have been removed on Schedule B-3
February 2019	FDEP – Annual Permit – \$1,000 however should have been booked to Acct 775 - Wastewater
March 2019	Bank of Tampa Loan Fee - \$4,873.73
April 2019	Credit (1,159.53) from US Water for past garbage which was covered under contract

COM _____
AFD _____
APA _____
ECO _____
ENG 1 USB
GCL _____
IDM _____
CLK _____

3. Please refer to MFR Volume I, Schedule F-1, page 1 of 3, detailing information for **Lake Josephine/Sebring Lakes**.

- a. In June 2018 the Utility recorded unaccounted for water of 18.5 percent. What was the cause of the unaccounted for water?
- b. In August 2018 the Utility recorded unaccounted for water of 41.3 percent. What was the cause of the unaccounted for water?
- c. In October 2018 the Utility recorded unaccounted for water of 31.4 percent. What was the cause of the unaccounted for water?
- d. In November 2018 the Utility recorded unaccounted for water of 12.3 percent. What was the cause of the unaccounted for water?
- e. In January 2019 the Utility recorded unaccounted for water of 22.3 percent. What was the cause of the unaccounted for water?
- f. The Utility indicates that in February 2019 the Lake Josephine/Sebring Lakes system sold and used 4.9 percent more water than was produced. Please explain how this occurred.
- g. In March 2019 the Utility recorded unaccounted for water of 13.5 percent. What was the cause of the unaccounted for water?
- h. The Utility indicates that in June 2019 the Lake Josephine system sold and used 2.5 percent more water than was produced. Please explain how this occurred.

Response: The Unaccounted for Water Report (UAW) is compiled and reviewed monthly. One anomaly is the water pumped is kept on a true monthly basis Beginning of the Month and End of the Month. Whereas the water sold is based upon the meter readings of customers, which does not coincide with the same monthly period. This water sold coincides with the billing reports. For instance in July 2018 – the water sold was for the period June 1, 2018 through July 4, 2018. For June 2019 – the water sold was for the period May 1, 2019 through June 3, 2019. So the water sold is typically a month behind the water produced on the UAW reports. That is typically why you will see some high amounts followed by either negative amounts or low amounts across consecutive months. There Other Uses include (a) flushed water for distribution maintenance, (b) filter backwash, and (c) main/service line breaks. These amounts are obtained from the operators and the operator log sheets that are used for the Monthly Operating Reports (MOR). The “lost” or unaccounted for water is the difference and are typically due to items such as (a) undiscovered main/line breaks, (b) leaks at the water plant, (c) stolen water, (d) stuck water meters, (e) slow water meters, etc. Thus it is impossible to provide an explanation for each unaccounted for water amount since it could be a combination of several of these items.

4. Please refer to MFR Volume I, Schedule F-1, page 2 of 3, detailing information for **Leisure Lakes**.

- a. The Utility indicates that in July 2018 the Leisure Lake system sold and used 38.7 percent more water than was produced. Please explain how this occurred.
- b. The Utility indicates that in August 2018 the Leisure Lakes system sold and used 37.8 percent more water than was produced. Please explain how this occurred.
- c. In September 2018 the Utility recorded unaccounted for water of 10.4 percent. What was the cause of the unaccounted for water?

- d. In November 2018 the Utility recorded unaccounted for water of 10.1 percent. What was the cause of the unaccounted for water?
- e. In December 2018 the Utility recorded unaccounted for water of 15.3 percent. What was the cause of the unaccounted for water?
- f. In January 2019 the Utility recorded unaccounted for water of 29.2 percent. What was the cause of the unaccounted for water?
- g. The Utility indicates that in May 2019 the Leisure Lakes system sold and used 9.9 percent more water than was produced. Please explain how this occurred.

Response: See Response to Number 3 above.

5. Please refer to MFR Volume I, Schedule F-3, page 1 of 2.
- a. Please explain how the Utility arrived at the plant capacity values for each well.
 - b. Please explain how the Utility arrived at the Fire Flow value.
 - c. Please explain how the Utility arrived at the Firm Reliable Capacity (excluding the largest well).

Response: The capacities in the MFRs were based upon the previous rate case – see Order No. PSC-15-0282-PAA-WS, (HC Previous Order) issued July 8, 2015, and the Annual Reports. However, in reviewing the most recent FDEP sanitary surveys, these design capacities may have been in error. (See attached reports) However, there are limiting factors. For Lake Josephine the limiting factor is the newly installed force draft aeration which is in service. The new treatment is limited to 350 gpm in total for Lake Josephine. For Sebring Lakes system, the Adedge filters are still operational. The Commission previously addressed this in HC Previous Order. For Leisure Lakes, the limiting factor is also the aeration recently placed into service which is operational with a limiting factor of 200 gpm. Attached are the FDEP permits for the new aeration treatment, as well as the request for clearance that points out that the previous construction permit had an erroneous limiting factor. In addition both of the new force draft aeration were required by the FDEP.

The required fire flow is water service provided to commercial customers. For these commercial customers, the required fire flow is 750 gallons per minute (gpm) pursuant to Section 12.14104 Highlands County Code of Ordinances. See attached Ordinance. The amount was derived at by taking the fire flow of 750 gpm times the required two hours or 120 minutes. $(750 \times 120) = 90,000$ gallons.

The firm reliable capacity in the MFRs was a combined for both Lake Josephine/Sebring Lakes and Leisure Lakes based on previous DEP permits. The actual firm reliable capacity of Lake Josephine/Sebring Lakes should be based upon the limiting factors of 350 gpm and 200 gpm. $(350 \times 60 \text{ minutes} \times 16 \text{ Hours}) + (200 \times 60 \text{ minutes} \times 16 \text{ Hours}) = 528,000$ gallons per day.

Revised F-3 Schedules have been provided.

6. Please refer to MFR Volume I, Schedule F-3, page 2 of 2.
- a. For the maximum day for Leisure Lakes, please provide the date of the maximum day within the test year.
 - b. Please explain how the Fire Flow value was determined.

- c. Please explain how the Utility arrived at the Firm Reliable Capacity (excluding the largest well).

Response: The maximum date in the MFRs was an error. It should have been 09/18/2018.

The required fire flow is water service provided to commercial customers. For these commercial customers, the required fire flow is 750 gallons per minute (gpm) pursuant to Section 12.14104 Highlands County Code of Ordinances. See attached Ordinance. The amount was derived at by taking the fire flow of 750 gpm times the required two hours or 120 minutes. $(750 \times 120) = 90,000$ gallons.

The capacities in the MFRs were based upon the previous rate case – see Order No. PSC-15-0282-PAA-WS, (HC Previous Order) issued July 8, 2015, and the Annual Reports. However, in reviewing the most recent FDEP sanitary surveys, these design capacities may have been in error. However, there is a limiting factor. The new aeration recently placed into service has a limited capacity of 200 gpm. See attached FDEP permit. Further, in the HC Previous Order, the Commission stated:

In the order for the last rate case involving these systems (Order No. PSC-12-0102-FOF-WS, referenced in footnote 1, and hereinafter referred to as the Aqua Order), the Leisure Lakes WTP was stipulated to be 100 percent U&U. The Lake Josephine and Sebring Lakes WTPs had been separate Aqua systems with separate U&U percentages assigned. In the Aqua Order, since the two systems were permanently interconnected and treated as one system, we assigned a U&U percentage of 85 percent based on a weighted average for the combined system. In the instant docket, we calculated U&U percentages for the Leisure Lakes and Lake Josephine/Sebring Lakes WTPs and distribution systems, and combined them using a weighted average.

The Leisure Lakes system was also found to be 100% used and useful in the HC Previous Order. Finally, the new forced draft treatment system is required by FDEP Consent Order. Pursuant to Section 367.081(2)(c),

Notwithstanding the provisions of this paragraph, the commission shall approve rates for service which allow a utility to recover from customers the full amount of environmental compliance costs. Such rates may not include charges for allowances for funds prudently invested or similar charges. For purposes of this requirement, the term “environmental compliance costs” includes all reasonable expenses and fair return on any prudent investment incurred by a utility in complying with the requirements or conditions contained in any permitting, enforcement, or similar decisions of the United States Environmental Protection Agency, the Department of Environmental Protection, a water management district, or any other governmental entity with similar regulatory jurisdiction.

The firm reliable capacity in the MFRs was a combined for both Lake Josephine/Sebring Lakes and Leisure Lakes based on previous DEP permits. The actual firm reliable capacity of the smallest well. (50 gpm X 60 min X 16 hours) = 48,000 gallons per day. As previously stated Leisure Lakes was found to be 100% by the Commission in the last rate case orders.

Revised F-3 Schedules have been provided.

7. Please refer to MFR Volume I, Schedule F-5.
 - a. Please provide a breakdown of the used and useful calculations for the two individual systems.
 - b. Please explain how the Utility arrived at the value of excessive unaccounted for water for the system. Also provide whether the value is in GPM or GPD.
 - c. Please explain how the Fire Flow was calculated.
 - d. Please explain if the Firm Reliable Capacity for the systems storage is in GPM or GPD.
 - e. Please explain and provide the Utility's calculations for the Growth Factor.
 - f. Please explain and provide the Utility's calculations for the margin reserve ratio.

Response: The filed MFR Schedule F-5 was on a total utility basis. Attached are the Revised F-5 that breaks them down into the two systems. The excessive unaccounted for water was also based on total utility. The revised schedules utilizes the two separate systems. If the unaccounted for water is over 10% then the excessive percentage was applied to the Maximum Day usage to produce the excessive unaccounted for water on the maximum day. Fire flow is explained above – based upon the county required 750 gpm x 120 minutes or 90,000 gallons. The growth factor was based upon Lake Josephine/Sebring Lakes. This has been corrected in the Revised F-5 schedules. For the Lake Josephine/Sebring Lakes system there was no growth, so none was included. For the Leisure Lakes – there was growth of 1.16 % based upon the linear regression. The “margin reserve ratio” is simply the growth rate. These all have been corrected on the revised F-5 Schedules attached.

8. Please refer to MFR Volume I, Schedule F-8.
 - a. Starting at line 11, please explain why Sebring Lakes is repeated.
 - i. It appears there is a typo stating “5 years beyond 20011”, should this refer to 2018. If not, and assuming 2011 was the intended date, please explain why the year 2011 is used as a starting point.

Response: That should have been for Leisure Lakes. The date should have been 2018. See Revised Schedule F-8 attached.

9. Please refer to MFR Volume II, Monthly Operating Reports for Lake Josephine Plant #3.
 - a. For the month of April 2018 please verify the maximum gallons produced per day that month.

Response: That was in error. The maximum gallons produced at Plant #3 was 160,000 gallons. See attached the Revised MOR sent to FDEP.

- b. For the month of March 2019 please verify the maximum gallons produced per day that month.

Response: That was in error. The maximum gallons produced at Plant #3 was 132,000 gallons. See attached the Revised MOR sent to FDEP.

10. Please refer to MFR Volume II, Monthly Operating Reports for Lake Josephine Plant #4.

- a. For the month of September 2017 please verify the average gallons produced per day for the month.

Response: The average gallons produced for Plant #4 was 133 gallons. See attached the Revised MOR sent to FDEP.

- b. For the month of October 2017 please verify the average and total gallons produced per day for the month.

Response: The average gallons produced for Plant #4 was 0 gallons. The MOR states that Plant #4 was offline during the month.

- c. For the month of June 2018 Plant #4 reports being offline, yet there are gallons of water produced recorded on the combined Plant #3 and Plant #4 June 2018 report. Please explain how this happened.

Response: That was in error. See attached Revised MOR sent to FDEP.

- d. For the month of August 2018 Plant #4 reports being offline; however, there are gallons of water produced recorded on the combined Plant #3 and Plant #4 August 2018 report. Please explain how this happened.

Response: This was a clerical error. See attached Revised MOR sent to FDEP.

- e. For the month of September 2018 Plant #4 reports zero gallons, however there are gallons of water produced recorded on the combined Plant #3 and Plant #4 September 2018 report. Please explain how this happened.

Response: This was a clerical error. See attached Revised MOR sent to FDEP.

- f. For the month of October 2018 Plant #4 reports that the WTP is down, yet there are gallons of water produced recorded. Please explain how this happened.

Response: This was a clerical error. See attached Revised MOR sent to FDEP.

- g. For the month of November 2018 please verify the average gallons produced per day for the month.

Response: Average gallons for Plant #4 was 86.6.

- h. For the month of December 2018 please verify the average gallons produced per day for the month.

Response: Average gallons for Plant #4 was 225.81.

- i. For the month of March 2019 please verify the average gallons produced per day for the month.

Response: Average gallons for Plant #4 was 483.87.

- j. For the month of April 2019 the Plant #4 reports producing no water, yet there are gallons of water produced recorded on the combined Plant #3 and Plant #4 April 2019 report. Please explain how this happened.

Response: This was a clerical error. See attached Revised MOR sent to FDEP.

- k. For the month of June 2019 please verify the average gallons produced per day for the month.

Response: Average gallons produced for Plant #3 and #4 combined was 108,399. See attached Revised MOR sent to FDEP.

11. Please refer to MFR Volume II, Monthly Operating Reports for Leisure Lakes/Covered Bridge.

- a. For the month of November 2017 please verify the average and total gallons produced per day for the month.

Response: The MOR is correct. There was a high amount of flushing. It is possible the flush valve became stuck.

12. Please refer to the improvements to the HC Water systems listed in the Utility's letter dated August 20, 2019.

- a. What was the start date for each improvement project?
- b. What was the completion date or estimated completion date for each improvement project?
- c. How many bids were obtained for each improvement project? If only one bid was obtained, please explain why.
- d. Which bid was selected? Please explain why.
- e. Please provide the invoices for each improvement project.
- f. For the Lake Josephine and Leisure Lakes water quality projects, what other treatment options were considered?
 - i. Why was the selected option chosen?
 - ii. If other options were not considered, please explain why.

Response:

Lake Josephine Road Widening Project – This project was required by Highlands County. See attached Ordinance No. 16-17-80. The design was completed in May 2017. Proposals/Bids were also received in May 2017 and a signed contract was entered into in June 2017. HC Waterworks performed the work through its contract with U.S. Water Services Corporation (USWSC). USWSC received bids from two bidders – BJ Enterprises (\$440,703.3) and Excavation Point (\$330,349 Original Contract + \$34,074 Addendum) Excavation Point was chosen by USWSC for two reasons. The first was it was the lowest bidder. The second was it was also the County's contractor on the road project. As such, the proposal was less since the contractor was already on-site and thus the mobilization costs were less. Also, the contractor already had knowledge of the County's road project as it was already underway. The project

was completed in January 2018 and received final clearance from FDEP in April 2018. The total cost of the project was \$516,589 including engineering costs and permitting.

Lake Josephine Aeration Project – This pack tower aeration with pH adjustment project was required by FDEP for noncompliance. The FDEP permitting package was sent in July 28, 2017. Bids were received in August 2017. The FDEP Construction Permit was issued on September 25, 2017. Request for partial clearance was sent to FDEP on June 11, 2018 and FDEP partial clearance was received on June 13, 2018. The partial clearance was for the pack tower aeration. The new hydropneumatic tank was installed in February 2019 of this year.

3 Proposals were received

- BJ Enterprise, Inc - \$582,196
- Marolf Environmental - \$603,470
- US Water Services - \$527,713.20

US Water Services was chosen for the project as the lowest bidder.

Leisure Lakes Aeration

This pack tower aeration with pH adjustment project is required by FDEP Consent Order entered into on October 1, 2018. The design plans were completed in September 2018. The bids were received in September 2018. The aeration was placed into service in September 2019. The Final Clearance Certificate of Completion of Construction for the aeration was sent to FDEP on September 26, 2019. This project is still underway. There is additional work being conducted on the controls and yard piping.

3 Proposals were received

- BJ Enterprise, Inc - \$578,714.12
- Marolf Environmental - \$596,604
- US Water Services - \$539,322.24

US Water was chosen for this project as the lowest bidder.

Sulfide Removal - This pack tower aeration with pH adjustment treatment methodology is consistent with the prescribed treatment in FDEP Rule 62-555.315(5)(a), Florida Administrative Code (FAC). The levels of sulfides in the source ground water are over 3.0 mg/l and therefore rise to the level which requires forced draft aeration with pH adjustment. Pack tower aeration with pH adjustments have proven to remove over 90% of total sulfides. (also see attached design report)

Below is the table from FDEP Chapter 62-555.315(5)(a), FAC:

- (a) Provide aeration or other appropriate treatment of the water from the new or altered well to remove total sulfide as necessary. Recommended types of aeration

treatment for different water quality ranges are listed in the table below, which is incorporated herein as guidance and not as a requirement. Direct chlorination shall not be used to remove (i.e., oxidize) 0.3 mg/L or more of total sulfide unless the elemental sulfur formed during chlorination is removed.

POTENTIAL FOR IMPACTS WITHOUT TOTAL SULFIDE REMOVAL	WATER QUALITY RANGES	POTENTIAL WATER TREATMENT
Low	Total Sulfide < 0.3 mg/L Dissolved Iron < 0.1 mg/L ¹	Direct Chlorination ²
Moderate	0.3 mg/L Total Sulfide 0.6 mg/L @ pH ≤ 7.2 or 0.3 mg/L Total Sulfide 0.6 mg/L @ pH > 7.2	Conventional Aeration ³ (maximum removal efficiency 40-50%) or Conventional Aeration with pH Adjustment ^{4,5} (maximum removal efficiency 40-50%)
Significant	0.6 mg/L < Total Sulfide 3.0 mg/L @ pH 7.2 or 0.6 mg/L < Total Sulfide 3.0 mg/L @ pH > 7.2	Forced Draft Aeration ³ (maximum removal efficiency 90%) or Forced Draft Aeration with pH Adjustment ^{4,5} (maximum removal efficiency 90%)
Very Significant	Total Sulfide > 3.0 mg/L	Packed Tower Aeration with pH Adjustment ^{4,5} (maximum removal efficiency > 90%)
1. High iron content raises concern if chlorination alone is used and significant dissolved oxygen exists in the source water. Filtration may be required to remove particulate iron prior to water distribution.		
2. Direct chlorination of sulfide in water in the pH range normally found in potable sources produces elemental sulfur and increased turbidity. Finished-water turbidity should not be more than two nephelometric turbidity units greater than raw-water turbidity.		
3. Increased dissolved oxygen entrained during aeration may increase corrosivity.		
4. Reduction of alkalinity during pH adjustment and high dissolved oxygen entrained during aeration may increase corrosivity.		

Corrosion control treatment such as pH adjustment, alkalinity recovery, or use of inhibitors may be required.

5. High alkalinity will make pH adjustment more costly, and use of other treatment may be in order. Treatment that preserves the natural alkalinity of the source water may enhance the stability of finished water.

13. Please refer to Additional Engineering Information – Customer Complaints. Please provide all Utility received customer complaints from January 1, 2014 to present date in an electronic spreadsheet format.

Response: See enclosed USB.

14. After the installation of the aeration system/forced draft degasification tower, what is the plant capacity for the Lake Josephine/Sebring Lakes and the Leisure Lakes systems?

Response: See response to Numbers 5 & 6 above. The new treatment is limited to 350 gpm in total for Lake Josephine. For Leisure Lakes, the limiting factor is also the aeration recently placed into service which is still operational with a limiting factor of 200 gpm.

Respectfully Submitted,



Troy Rendell
Vice President
Investor Owned Utilities
// for HC Waterworks, Inc.



Hawkins, Inc.
2381 Rosegate
Roseville, MN 55113
Phone: (612) 331-6910

INVOICE

Total Invoice **\$329.40**
Invoice Number **4435758**
Invoice Date **1/24/19**
Sales Order Number/Type **2814497 SO**
Branch Plant **76**
Shipment Number **3005488**

Sold To: 292192
USWS - US Water Services -Joe Gabay-B76
4939 Cross Bayou Blvd
New Port Richey FL 34652

Ship To: 294098
USWS - HC Waterworks-Joe Gabay
USWS - HC Waterworks-Joe
Gabay-WTP
Leisure Lakes Covered Bridge WTP
118 Hillcrest St
Lake Placid FL 33852

Net Due Date	Terms	FOB Description	Ship Via	Customer P.O.#			P.O. Release	Sales Agent #	
2/23/19	Net 30	PPD Origin	Hawkins					B76	
Line #	Item Number Cust Item #	Item Name/ Description	Tax	Qty Shipped	Trans UOM	Unit Price	Price UOM	Weight Net/Gross	Extended Price
1.000	42702	AS4000 40%	N	30.0000	GA	\$2.9300	GA	303.0 LB	\$87.90
		1 GA BLK (Mini-Bulk)		30.0000	GA			318.3 GW	
2.000	43967	Ultra-Chlor (Sod. Hypo 12.5%)	N	230.0000	GA	\$1.0500	GA	2,320.7 LB	\$241.50
		1 GA BLK (Mini-Bulk)		230.0000	GA			2,512.4 GW	

***** Electronic Billing Now Available.*****

Please contact our Accounts Receivable Department via email at Credit.Dept@HawkinsInc.com
or call 612-331-6910 to get it setup on your account.

Entered: [Signature]

COA Code: 6018

Approved: [Signature] 02-1-19

Paid: _____

Date: _____

Page 1 of 1

Tax Rate
0 %

Sales Tax
\$0.00

Invoice Total

\$329.40

No Discounts on Freight or Containers

IMPORTANT: All products are sold without warranty of any kind and purchasers will, by their own tests, determine suitability of such products for their own use. Seller warrants that all goods covered by this invoice were produced in compliance with the requirements of the Fair Labor Standards Act of 1938, as amended. Containers are to be paid for in full, as invoiced, and full refund will be made promptly, provided containers are returned to original point of shipment. Return freight charges to be prepaid. The containers returned must be the same originally shipped, and show no evidence of abuse, or use for purposes other than the storage of original containers. Seller specifically disclaims and excludes any warranty of merchantability and any warranty of fitness for a particular purpose. NO CLAIMS FOR LOSS, DAMAGE OR LEAKAGE ALLOWED AFTER DELIVERY IS MADE IN GOOD CONDITION.

Please
Remit To:

Hawkins, Inc.
P.O. Box 860263
Minneapolis, MN 55486-0263

This contractor and subcontractor shall abide by the requirements of 41 CFR 5560-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.



Hawkins, Inc.
2381 Rosegate
Roseville, MN 55113
Phone: (612) 331-6910

INVOICE

Total Invoice **\$490.00**
Invoice Number **4435851**
Invoice Date **1/25/19**
Sales Order Number/Type **2824646 SO**
Branch Plant **76**
Shipment Number **3021153**

Sold To: 292192
USWS - US Water Services -Joe Gabay-B76
4939 Cross Bayou Blvd
New Port Richey FL 34652

Ship To: 294099
USWS - Lake Josephine-Joe Gabay
HC Waterworks Inc
Lake Josephine
1449 Canary Way
Sebring FL 33875

Net Due Date	Terms	FOB Description	Ship Via	Customer P.O.#		P.O. Release	Sales Agent #		
2/24/19	Net 30	PPD Origin	Hawkins				B76		
Line #	Item Number Cust Item #	Item Name/ Description	Tax	Qty Shipped	Trans UOM	Unit Price	Price UOM	Weight Net/Gross	Extended Price
1.000	43944	Sulfuric Acid 50%	N	200.0000	GA	\$2.4500	GA	2,336.0 LB	\$490.00
		1 GA BLK (Mini-Bulk)		200.0000	GA			2,502.7 GW	

***** Electronic Billing Now Available. *****

Please contact our Accounts Receivable Department via email at Credit.Dept@HawkinsInc.com
or call 612-331-6910 to get it setup on your account.

Entered: JS

COA Code: Le 18

Approved: WP 02-7-19

Paid: _____

Date: _____

Page 1 of 1

Tax Rate
0 %

Sales Tax
\$0.00

Invoice Total

\$490.00

No Discounts on Freight or Containers

IMPORTANT: All products are sold without warranty of any kind and purchasers will, by their own tests, determine suitability of such products for their own use. Seller warrants that all goods covered by this invoice were produced in compliance with the requirements of the Fair Labor Standards Act of 1938, as amended. Containers are to be paid for in full, as invoiced, and full refund will be made promptly, provided containers are returned to original point of shipment. Return freight charges to be prepaid. The containers returned must be the same originally shipped, and show no evidence of abuse, or use for purposes other than the storage of original containers. Seller specifically disclaims and excludes any warranty of merchantability and any warranty of fitness for a particular purpose. **NO CLAIMS FOR LOSS, DAMAGE OR LEAKAGE ALLOWED AFTER DELIVERY IS MADE IN GOOD CONDITION.**

Please
Remit To:

Hawkins, Inc.
P.O. Box 860263
Minneapolis, MN 55486-0263

This contractor and subcontractor shall abide by the requirements of 41 CFR §§60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.



Hawkins, Inc.
2381 Rosegate
Roseville, MN 55113
Phone: (612) 331-6910

INVOICE

Total Invoice **\$780.00**
Invoice Number **4438534**
Invoice Date **1/31/19**
Sales Order Number/Type **2828736 SO**
Branch Plant **76**
Shipment Number **3027505**

Sold To: 292192
USWS - US Water Services -Joe Gabay-B76
4939 Cross Bayou Blvd
New Port Richey FL 34652

Ship To: 294099
USWS - Lake Josephine-Joe Gabay
HC Waterworks Inc
Lake Josephine
1449 Canary Way
Sebring FL 33875

Net Due Date	Terms	FOB Description	Ship Via	Customer P.O.#		P.O. Release	Sales Agent #		
3/2/19	Net 30	PPD Origin	Hawkins				B76		
Line #	Item Number Cust Item #	Item Name/ Description	Tax	Qty Shipped	Trans UOM	Unit Price	Price UOM	Weight Net/Gross	Extended Price
1.000	41858	Sodium Hydroxide 50% Membrane	N	195.0000	GA	\$4.0000	GA	2,480.4 LB	\$780.00
		1 LB BLK (Mini-Bulk)		195.0000	GA			2,642.9 GW	

***** Electronic Billing Now Available. *****

Please contact our Accounts Receivable Department via email at Credit.Dept@HawkinsInc.com
or call 612-331-6910 to get it setup on your account.

Entered: [Signature]

COA Code: 618

Approved: [Signature] C 2-14-19

Paid: _____

Date: _____

Page 1 of 1

Tax Rate
0 %

Sales Tax
\$0.00

Invoice Total

\$780.00

No Discounts on Freight or Containers

IMPORTANT: All products are sold without warranty of any kind and purchasers will, by their own tests, determine suitability of such products for their own use. Seller warrants that all goods covered by this invoice were produced in compliance with the requirements of the Fair Labor Standards Act of 1938, as amended. Containers are to be paid for in full, as invoiced, and full refund will be made promptly, provided containers are returned to original point of shipment. Return freight charges to be prepaid. The containers returned must be the same originally shipped, and show no evidence of abuse, or use for purposes other than the storage of original containers. Seller specifically disclaims and excludes any warranty of merchantability and any warranty of fitness for a particular purpose. **NO CLAIMS FOR LOSS, DAMAGE OR LEAKAGE ALLOWED AFTER DELIVERY IS MADE IN GOOD CONDITION.**

Please
Remit To:

Hawkins, Inc.
P.O. Box 860263
Minneapolis, MN 55486-0263

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Hawkins, Inc.
2381 Rosegate
Roseville, MN 55113
Phone: (612) 331-6910

INVOICE

Total Invoice **\$465.50**
Invoice Number 4438533
Invoice Date 1/31/19
Sales Order Number/Type 2828732 SO
Branch Plant 76
Shipment Number 3027499

Sold To: 292192
USWS - US Water Services -Joe Gabay-B76
4939 Cross Bayou Blvd
New Port Richey FL 34652

Ship To: 294099
USWS - Lake Josephine-Joe Gabay
HC Waterworks Inc
Lake Josephine
1449 Canary Way
Sebring FL 33875

Net Due Date	Terms	FOB Description	Ship Via	Customer P.O.#	P.O. Release	Sales Agent #
3/2/19	Net 30	PPD Origin	Hawkins			B76

Line #	Item Number Cust Item #	Item Name/ Description	Tax	Qty Shipped	Trans UOM	Unit Price	Price UOM	Weight Net/Gross	Extended Price
1.000	43944	Sulfuric Acid 50%	N	190.0000	GA	\$2.4500	GA	2,219.2 LB	\$465.50
		1 GA BLK (Mini-Bulk)		190.0000	GA			2,377.5 GW	

***** Electronic Billing Now Available.*****

Please contact our Accounts Receivable Department via email at Credit.Dept@HawkinsInc.com
or call 612-331-6910 to get it setup on your account.

Entered: [Signature]

COA Code: 6618

Approved: [Signature]

Paid: _____

Date: _____

Page 1 of 1

Tax Rate
0 %

Sales Tax
\$0.00

Invoice Total

\$465.50

No Discounts on Freight or Containers

IMPORTANT: All products are sold without warranty of any kind and purchasers will, by their own tests, determine suitability of such products for their own use. Seller warrants that all goods covered by this invoice were produced in compliance with the requirements of the Fair Labor Standards Act of 1938, as amended. Containers are to be paid for in full, as invoiced, and full refund will be made promptly, provided containers are returned to original point of shipment. Return freight charges to be prepaid. The containers returned must be the same originally shipped, and show no evidence of abuse, or use for purposes other than the storage of original containers. Seller specifically disclaims and excludes any warranty of merchantability and any warranty of fitness for a particular purpose. NO CLAIMS FOR LOSS, DAMAGE OR LEAKAGE ALLOWED AFTER DELIVERY IS MADE IN GOOD CONDITION.

Please
Remit To:

Hawkins, Inc.
P.O. Box 860263
Minneapolis, MN 55486-0263

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Hawkins, Inc.
2381 Rosegate
Roseville, MN 55113
Phone: (612) 331-6910

INVOICE

Total Invoice **\$380.55**
Invoice Number **4424126**
Invoice Date **1/3/19**
Sales Order Number/Type **2809155 SO**
Branch Plant **76**
Shipment Number **2997202**

Sold To: 292192
USWS - US Water Services -Joe Gabay-B76
4939 Cross Bayou Blvd
New Port Richey FL 34652

Ship To: 294099
USWS - Lake Josephine-Joe Gabay
HC Waterworks Inc
Lake Josephine
1449 Canary Way
Sebring FL 33875

Net Due Date	Terms	FOB Description	Ship Via	Customer P.O.#	P.O. Release	Sales Agent #			
2/2/19	Net 30	PPD Origin	Hawkins			B76			
Line #	Item Number Cust Item #	Item Name/ Description	Tax	Qty Shipped	Trans UOM	Unit Price	Price UOM	Weight Net/Gross	Extended Price
1.000	43944	Sulfuric Acid 50%	N	177.0000	GA	\$2.1500	GA	2,067.4 LB	\$380.55
		1 GA BLK (Mini-Bulk)		177.0000	GA			2,214.9 GW	

***** Electronic Billing Now Available.*****

Please contact our Accounts Receivable Department via email at Credit.Dept@HawkinsInc.com
or call 612-331-6910 to get it setup on your account.

Entered: [Signature]
COA Code: 18
Approved: [Signature] 1-17-19
Paid: _____
Date: _____

Page 1 of 1

Tax Rate
0 %

Sales Tax
\$0.00

Invoice Total

\$380.55

No Discounts on Freight or Containers

IMPORTANT: All products are sold without warranty of any kind and purchasers will, by their own tests, determine suitability of such products for their own use. Seller warrants that all goods covered by this invoice were produced in compliance with the requirements of the Fair Labor Standards Act of 1938, as amended. Containers are to be paid for in full, as invoiced, and full refund will be made promptly, provided containers are returned to original point of shipment. Return freight charges to be prepaid. The containers returned must be the same originally shipped, and show no evidence of abuse, or use for purposes other than the storage of original containers. Seller specifically disclaims and excludes any warranty of merchantability and any warranty of fitness for a particular purpose. **NO CLAIMS FOR LOSS, DAMAGE OR LEAKAGE ALLOWED AFTER DELIVERY IS MADE IN GOOD CONDITION.**

Please Remit To: **Hawkins, Inc.**
P.O. Box 860263
Minneapolis, MN 55486-0263

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Hawkins, Inc.
2381 Rosegate
Roseville, MN 55113
Phone: (612) 331-6910

INVOICE

Total Invoice **\$339.15**
Invoice Number **4427793**
Invoice Date **1/11/19**
Sales Order Number/Type **2806485 SO**
Branch Plant **76**
Shipment Number **2993137**

Sold To: 292192
USWS - US Water Services -Joe Gabay-B76
4939 Cross Bayou Blvd
New Port Richey FL 34652

Ship To: 294098
USWS - HC Waterworks-Joe Gabay
USWS - HC Waterworks-Joe
Gabay-WTP
Leisure Lakes Covered Bridge WTP
118 Hillcrest St
Lake Placid FL 33852

Net Due Date	Terms	FOB Description	Ship Via	Customer P.O.#		P.O. Release	Sales Agent #		
2/10/19	Net 30	PPD Origin	Hawkins				B76		
Line #	Item Number Cust Item #	Item Name/ Description	Tax	Qty Shipped	Trans UOM	Unit Price	Price UOM	Weight Net/Gross	Extended Price
2.000	43967	Ultra-Chlor (Sod. Hypo 12.5%)	N	323.0000	GA	\$1.0500	GA	3,259.1 LB	\$339.15
		1 GA BLK (Mini-Bulk)		323.0000	GA			3,528.2 GW	

***** Electronic Billing Now Available. *****

Please contact our Accounts Receivable Department via email at Credit.Dept@HawkinsInc.com
or call 612-331-6910 to get it setup on your account.

Entered: [Signature]
COA Code: 618
Approved: JP C 1-23-19
Paid: _____
Date: _____

Page 1 of 1

Tax Rate
0 %

Sales Tax
\$0.00

Invoice Total

\$339.15

No Discounts on Freight or Containers

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Please
Remit To:

Hawkins, Inc.
P.O. Box 860263
Minneapolis, MN 55486-0263

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www.hawkinsinc.com

Job# 500337037



Hawkins, Inc.
2381 Rosegate
Roseville, MN 55113
Phone: (612) 331-6910

INVOICE

Total Invoice	\$322.80
Invoice Number	4435755
Invoice Date	1/24/19
Sales Order Number/Type	2814484 SO ✓
Branch Plant	76
Shipment Number	3005472

Sold To: 292192
USWS - US Water Services -Joe Gabay-B76
4939 Cross Bayou Blvd
New Port Richey FL 34652

Ship To: 294099
USWS - Lake Josephine-Joe Gabay
HC Waterworks Inc
Lake Josephine
1449 Canary Way
Sebring FL 33875

Net Due Date	Terms	FOB Description	Ship Via	Customer P.O.#	P.O. Release	Sales Agent #			
2/23/19	Net 30	PPD Origin	Hawkins			B76			
Line #	Item Number Cust Item #	Item Name/ Description	Tax	Qty Shipped	Trans UOM	Unit Price	Price UOM	Weight Net/Gross	Extended Price
1.000	42702	AS4000 40%	N	60.0000	GA	\$2.9300	GA	606.0 LB	\$175.80
		1 GA BLK (Mini-Bulk)		60.0000	GA			636.5 GW	
2.000	43967	Ultra-Chlor (Sod. Hypo 12.5%)	N	140.0000	GA	\$1.0500	GA	1,412.6 LB	\$147.00
		1 GA BLK (Mini-Bulk)		140.0000	GA			1,529.3 GW	

***** Electronic Billing Now Available. *****

Please contact our Accounts Receivable Department via email at Credit.Dept@HawkinsInc.com
or call 612-331-6910 to get it setup on your account.

Entered:

COA Code: 618

Approved: SP 2-7-19

Paid: _____

Date: _____

Page 1 of 1

Tax Rate
0 %

Sales Tax
\$0.00

Invoice Total

\$322.80

No Discounts on Freight or Containers
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P.O. Box 860263
Minneapolis, MN 55486-0263

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Hawkins, Inc.
2381 Rosegate
Roseville, MN 55113
Phone: (612) 331-6910

INVOICE

Total Invoice	\$666.45
Invoice Number	4427872
Invoice Date	1/11/19
Sales Order Number/Type	2814436 SO ✓
Branch Plant	76
Shipment Number	3005396

Sold To: 292192
USWS - US Water Services -Joe Gabay-B76
4939 Cross Bayou Blvd
New Port Richey FL 34652

Ship To: 294099
USWS - Lake Josephine-Joe Gabay
HC Waterworks Inc
Lake Josephine
1449 Canary Way
Sebring FL 33875

Net Due Date	Terms	FOB Description	Ship Via	Customer P.O.#	P.O. Release	Sales Agent #
2/10/19	Net 30	PPD Origin	Hawkins			B76

Line #	Item Number Cust Item #	Item Name/ Description	Tax	Qty Shipped	Trans UOM	Unit Price	Price UOM	Weight Net/Gross	Extended Price
1.000	43944	Sulfuric Acid 50%	N	183.0000	GA	\$2.1500	GA	2,137.4 LB	\$393.45
		1 GA BLK (Mini-Bulk)		183.0000	GA			2,289.9 GW	
2.000	43967	Ultra-Chlor (Sod. Hypo 12.5%)	N	260.0000	GA	\$1.0500	GA	2,623.4 LB	\$273.00
		1 GA BLK (Mini-Bulk)		260.0000	GA			2,840.1 GW	

***** Electronic Billing Now Available.*****

Please contact our Accounts Receivable Department via email at Credit.Dept@HawkinsInc.com
or call 612-331-6910 to get it setup on your account.

Entered: [Signature]

COA Code: 618

Approved: JP 21-24-19

Paid: _____

Date: _____

Page 1 of 1

Tax Rate
0 %

Sales Tax
\$0.00

Invoice Total

\$666.45

No Discounts on Freight or Containers

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Please
Remit To:

Hawkins, Inc.
P.O. Box 860263
Minneapolis, MN 55486-0263

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Hawkins, Inc.
2381 Rosegate
Roseville, MN 55113
Phone: (612) 331-6910

INVOICE

Total Invoice **\$490.00**
Invoice Number 4431858
Invoice Date 1/17/19
Sales Order Number/Type 2819669 SO ✓
Branch Plant 76
Shipment Number 3013365

Sold To: 292192
USWS - US Water Services -Joe Gabay-B76
4939 Cross Bayou Blvd
New Port Richey FL 34652

Ship To: 294099
USWS - Lake Josephine-Joe Gabay
HC Waterworks Inc
Lake Josephine
1449 Canary Way
Sebring FL 33875

Net Due Date	Terms	FOB Description	Ship Via	Customer P.O.#		P.O. Release	Sales Agent #		
2/16/19	Net 30	PPD Origin	Hawkins				B76		
Line #	Item Number Cust Item #	Item Name/ Description	Tax	Qty Shipped	Trans UOM	Unit Price	Price UOM	Weight Net/Gross	Extended Price
1.000	43944	Sulfuric Acid 50%	N	200.0000	GA	\$2.4500	GA	2,336.0 LB	\$490.00
		1 GA BLK (Mini-Bulk)		200.0000	GA			2,502.7 GW	

***** Electronic Billing Now Available. *****

Please contact our Accounts Receivable Department via email at Credit.Dept@HawkinsInc.com
or call 612-331-6910 to get it setup on your account.

Entered: [Signature]
COA Code: 618
Approved: [Signature] 01-29-19
Paid: _____
Date: _____

Page 1 of 1

Tax Rate
0 %

Sales Tax
\$0.00

Invoice Total

\$490.00

No Discounts on Freight or Containers
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Minneapolis, MN 55486-0263

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Hawkins, Inc.
2381 Rosegate
Roseville, MN 55113
Phone: (612) 331-6910

INVOICE

Total Invoice **\$477.75**
Invoice Number **4522642**
Invoice Date **6/20/19**
Sales Order Number/Type **2928093 SO**
Branch Plant **76**
Shipment Number **3176317**

Sold To: 292192
USWS - US Water Services -Joe Gabay-B76
4939 Cross Bayou Blvd
New Port Richey FL 34652

Ship To: 294099
USWS - Lake Josephine-Joe Gabay
HC Waterworks Inc
Lake Josephine
1449 Canary Way
Sebring FL 33875

Net Due Date	Terms	FOB Description	Ship Via	Customer P.O.#	P.O. Release	Sales Agent #			
7/20/19	Net 30	PPD Origin	Hawkins			B76			
Line #	Item Number Cust Item #	Item Name/ Description	Tax	Qty Shipped	Trans UOM	Unit Price	Price UOM	Weight Net/Gross	Extended Price
1.000	43944	Sulfuric Acid 50%	N	195.0000	GA	\$2.4500	GA	2,277.6 LB	\$477.75
		1 GA BLK (Mini-Bulk)		195.0000	GA			2,440.1 GW	

***** Electronic Billing Now Available.*****

Please contact our Accounts Receivable Department via email at Credit.Dept@HawkinsInc.com
or call 612-331-6910 to get it setup on your account.

Entered: [Signature]

COA Code: 618

Approved: [Signature] 6-28-19

Paid: _____

Date: _____

Page 1 of 1

Tax Rate
0 %

Sales Tax
\$0.00

Invoice Total

\$477.75

No Discounts on Freight or Containers

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Minneapolis, MN 55486-0263

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Hawkins, Inc.
2381 Rosegate
Roseville, MN 55113
Phone: (612) 331-6910

INVOICE

Total Invoice **\$195.00**
Invoice Number 4517626
Invoice Date 6/13/19
Sales Order Number/Type 2917796 SO
Branch Plant 76
Shipment Number 3161623

Sold To: 292192
USWS - US Water Services -Joe Gabay-B76
4939 Cross Bayou Blvd
New Port Richey FL 34652

Ship To: 294098
USWS - HC Waterworks-Joe Gabay
USWS - HC Waterworks-Joe
Gabay-WTP
Leisure Lakes Covered Bridge WTP
118 Hillcrest St
Lake Placid FL 33852

Net Due Date	Terms	FOB Description	Ship Via	Customer P.O.#		P.O. Release	Sales Agent #		
7/13/19	Net 30	PPD Origin	Hawkins				B76		
Line #	Item Number Cust Item #	Item Name/ Description	Tax	Qty Shipped	Trans UOM	Unit Price	Price UOM	Weight Net/Gross	Extended Price
2.000	43967	Ultra-Chlor (Sod. Hypo 12.5%)	N	150.0000	GA	\$1.3000	GA	1,513.5 LB	\$195.00
		1 GA BLK (Mini-Bulk)		150.0000	GA			1,638.5 GW	

***** Electronic Billing Now Available.*****

Please contact our Accounts Receivable Department via email at Credit.Dept@HawkinsInc.com
or call 612-331-6910 to get it setup on your account.

Entered: [Signature]

COA Code: 618

Approved: [Signature] C 6-28-19

Paid: _____

Date: _____

Page 1 of 1

Tax Rate
0 %

Sales Tax
\$0.00

Invoice Total

\$195.00

No Discounts on Freight or Containers

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Hawkins, Inc.
2381 Rosegate
Roseville, MN 55113
Phone: (612) 331-6910

INVOICE

Total Invoice **\$674.86**
Invoice Number 4518829
Invoice Date 6/13/19
Sales Order Number/Type 2933704 SO
Branch Plant 76
Shipment Number 3184342

Sold To: 292192
USWS - US Water Services -Joe Gabay-B76
4939 Cross Bayou Blvd
New Port Richey FL 34652

Ship To: 294099
USWS - Lake Josephine-Joe Gabay
HC Waterworks Inc
Lake Josephine
1449 Canary Way
Sebring FL 33875

Net Due Date	Terms	FOB Description	Ship Via	Customer P.O.#		P.O. Release		Sales Agent #	
7/13/19	Net 30	PPD Origin	Hawkins					B76	
Line #	Item Number Cust Item #	Item Name/ Description	Tax	Qty Shipped	Trans UOM	Unit Price	Price UOM	Weight Net/Gross	Extended Price
1.000	42702	AS4000 40%	N	77.0000	GA	\$2.9300	GA	777.7 LB	\$225.61
		1 GA BLK (Mini-Bulk)		77.0000	GA			816.9 GW	
2.000	43944	Sulfuric Acid 50%	N	125.0000	GA	\$2.4500	GA	1,460.0 LB	\$306.25
		1 GA BLK (Mini-Bulk)		125.0000	GA			1,564.2 GW	
3.000	43967	Ultra-Chlor (Sod. Hypo 12.5%)	N	110.0000	GA	\$1.3000	GA	1,109.9 LB	\$143.00
		1 GA BLK (Mini-Bulk)		110.0000	GA			1,201.6 GW	

***** Electronic Billing Now Available.*****

Please contact our Accounts Receivable Department via email at Credit.Dept@HawkinsInc.com
or call 612-331-6910 to get it setup on your account.

Entered: [Signature]
COA Code: 618
Approved: [Signature] C6-2879
Paid: _____
Date: _____

Page 1 of 1

Tax Rate
0 %

Sales Tax
\$0.00

Invoice Total

\$674.86

No Discounts on Freight or Containers

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Please Remit To: **Hawkins, Inc.**
P.O. Box 860263
Minneapolis, MN 55486-0263

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Original



Hawkins, Inc.
2381 Rosegate
Roseville, MN 55113
Phone: (612) 331-6910

INVOICE

Total Invoice **\$387.40**
Invoice Number **4527892**
Invoice Date **6/27/19**
Sales Order Number/Type **2932593 SO**
Branch Plant **76**
Shipment Number **3182801**

Sold To: 292192
USWS - US Water Services -Joe Gabay-B76
4939 Cross Bayou Blvd
New Port Richey FL 34652

Ship To: 294098
USWS - HC Waterworks-Joe Gabay
USWS - HC Waterworks-Joe
Gabay-WTP
Leisure Lakes Covered Bridge WTP
118 Hillcrest St
Lake Placid FL 33852

Net Due Date	Terms	FOB Description	Ship Via	Customer P.O.#		P.O. Release	Sales Agent #		
7/27/19	Net 30	PPD Origin	Hawkins				B76		
Line #	Item Number Cust Item #	Item Name/ Description	Tax	Qty Shipped	Trans UOM	Unit Price	Price UOM	Weight Net/Gross	Extended Price
2.000	43967	Ultra-Chlor (Sod. Hypo 12.5%)	N	298.0000	GA	\$1.3000	GA	3,006.8 LB	\$387.40
		1 GA BLK (Mini-Bulk)		298.0000	GA			3,255.2 GW	

***** Electronic Billing Now Available. *****

Please contact our Accounts Receivable Department via email at Credit.Dept@HawkinsInc.com
or call 612-331-6910 to get it setup on your account.

Entered: [Signature]
COA Code: 618
Approved: [Signature]
Paid: _____
Date: _____

Page 1 of 1

Tax Rate
0 %

Sales Tax
\$0.00

Invoice Total

\$387.40

No Discounts on Freight or Containers

IMPORTANT: All products are sold without warranty of any kind and purchasers will, by their own tests, determine suitability of such products for their own use. Seller warrants that all goods covered by this invoice were produced in compliance with the requirements of the Fair Labor Standards Act of 1938, as amended. Containers are to be paid for in full, as invoiced, and full refund will be made promptly, provided containers are returned to original point of shipment. Return freight charges to be prepaid. The containers returned must be the same originally shipped, and show no evidence of abuse, or use for purposes other than the storage of original containers. Seller specifically disclaims and excludes any warranty of merchantability and any warranty of fitness for a particular purpose.
NO CLAIMS FOR LOSS, DAMAGE OR LEAKAGE ALLOWED AFTER DELIVERY IS MADE IN GOOD CONDITION.

Please
Remit To:

Hawkins, Inc.
P.O. Box 860263
Minneapolis, MN 55486-0263

This contractor and subcontractor shall abide by the requirements of 41 CFR 5560-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.

www.hawkinsinc.com

Job# 500371570



Hawkins, Inc.
2381 Rosegate
Roseville, MN 55113
Phone: (612) 331-6910

INVOICE

Total Invoice **\$534.90**
Invoice Number **4527905**
Invoice Date **6/27/19**
Sales Order Number/Type **2933097 SO**
Branch Plant **76**
Shipment Number **3183463**

Sold To: 292192
USWS - US Water Services -Joe Gabay-B76
4939 Cross Bayou Blvd
New Port Richey FL 34652

Ship To: 294099
USWS - Lake Josephine-Joe Gabay
HC Waterworks Inc
Lake Josephine
1449 Canary Way
Sebring FL 33875

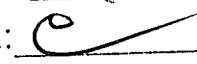
Net Due Date	Terms	FOB Description	Ship Via	Customer P.O.#			P.O. Release	Sales Agent #	
7/27/19	Net 30	PPD Origin	Hawkins					B76	
Line #	Item Number Cust Item #	Item Name/ Description	Tax	Qty Shipped	Trans UOM	Unit Price	Price UOM	Weight Net/Gross	Extended Price
1.000	43944	Sulfuric Acid 50%	N	152.0000	GA	\$2.4500	GA	1,775.4 LB	\$372.40
		1 GA BLK (Mini-Bulk)		152.0000	GA			1,902.0 GW	
2.000	43967	Ultra-Chlor (Sod. Hypo 12.5%)	N	125.0000	GA	\$1.3000	GA	1,261.3 LB	\$162.50
		1 GA BLK (Mini-Bulk)		125.0000	GA			1,365.4 GW	

***** Electronic Billing Now Available. *****

Please contact our Accounts Receivable Department via email at Credit.Dept@HawkinsInc.com
or call 612-331-6910 to get it setup on your account.

Entered: 

COA Code: 618

Approved: 

Paid: _____

Date: _____

Page 1 of 1

Tax Rate
0 %

Sales Tax
\$0.00

Invoice Total

\$534.90

No Discounts on Freight or Containers

IMPORTANT: All products are sold without warranty of any kind and purchasers will, by their own tests, determine suitability of such products for their own use. Seller warrants that all goods covered by this invoice were produced in compliance with the requirements of the Fair Labor Standards Act of 1938, as amended. Containers are to be paid for in full, as invoiced, and full refund will be made promptly, provided containers are returned to original point of shipment. Return freight charges to be prepaid. The containers returned must be the same originally shipped, and show no evidence of abuse, or use for purposes other than the storage of original containers. Seller specifically disclaims and excludes any warranty of merchantability and any warranty of fitness for a particular purpose. **NO CLAIMS FOR LOSS, DAMAGE OR LEAKAGE ALLOWED AFTER DELIVERY IS MADE IN GOOD CONDITION.**

Please
Remit To:

Hawkins, Inc.
P.O. Box 860263
Minneapolis, MN 55486-0263

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Hawkins, Inc.
2381 Rosegate
Roseville, MN 55113
Phone: (612) 331-6910

INVOICE

Total Invoice **\$294.00**
Invoice Number **4513706**
Invoice Date **6/6/19**
Sales Order Number/Type **2914160 SO**
Branch Plant **76**
Shipment Number **3156124**

Sold To: 292192
USWS - US Water Services -Joe Gabay-B76
4939 Cross Bayou Blvd
New Port Richey FL 34652

Ship To: 294099
USWS - Lake Josephine-Joe Gabay
HC Waterworks Inc
Lake Josephine
1449 Canary Way
Sebring FL 33875

Net Due Date	Terms	FOB Description	Ship Via	Customer P.O.#			P.O. Release	Sales Agent #	
7/6/19	Net 30	PPD Origin	Hawkins					B76	
Line #	Item Number Cust Item #	Item Name/ Description	Tax	Qty Shipped	Trans UOM	Unit Price	Price UOM	Weight Net/Gross	Extended Price
1.000	43944	Sulfuric Acid 50%	N	120.0000	GA	\$2.4500	GA	1,401.6 LB	\$294.00
		1 GA BLK (Mini-Bulk)		120.0000	GA			1,501.6 GW	

***** Electronic Billing Now Available. *****

Please contact our Accounts Receivable Department via email at Credit.Dept@HawkinsInc.com
or call 612-331-6910 to get it setup on your account.

Entered: [Signature]
COA Code: 2018
Approved: SP C 6-18-19
Paid: _____
Date: _____

Page 1 of 1

Tax Rate
0 %

Sales Tax
\$0.00

Invoice Total

\$294.00

No Discounts on Freight or Containers

IMPORTANT: All products are sold without warranty of any kind and purchasers will, by their own tests, determine suitability of such products for their own use. Seller warrants that all goods covered by this invoice were produced in compliance with the requirements of the Fair Labor Standards Act of 1938, as amended. Containers are to be paid for in full, as invoiced, and full refund will be made promptly, provided containers are returned to original point of shipment. Return freight charges to be prepaid. The containers returned must be the same originally shipped, and show no evidence of abuse, or use for purposes other than the storage of original containers. Seller specifically disclaims and excludes any warranty of merchantability and any warranty of fitness for a particular purpose. NO CLAIMS FOR LOSS, DAMAGE OR LEAKAGE ALLOWED AFTER DELIVERY IS MADE IN GOOD CONDITION.

Please
Remit To:

Hawkins, Inc.
P.O. Box 860263
Minneapolis, MN 55486-0263

This contractor and subcontractor shall abide by the requirements of 41 CFR §§60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.

U.S. Water[®]

Services Corporation

4939 Cross Bayou Blvd
New Port Richey, FL 34652

Credit Memo

Date	Credit No.
4/24/2019	890053

Customer
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

Account No
704

P.O. No.	Project
	704-01 WATER Ops S Lks, L J'phine, L Lks

Description	Qty	Unit	Rate	Amount
CM per Troy 04/12/2019 (KR) Trash included in USWSC contract with customer			1,159.53	-1,159.53
<div>Entered: <u>[Signature]</u></div> <div>COA Code: <u>675</u></div> <div>Approved: <u>C 4-22-19</u></div> <div>Paid: <u>ck # 1403</u></div> <div>Date: <u>5/31/19</u></div>				
			Total	-\$1,159.53
			Invoices	\$0.00
			Balance Credit	-\$1,159.53




HC WATERWORKS
4939 CROSS BAYOU BLVD
NEW PORT RICHEY, FL 34652-3434

Page: 1 of 3
Issue Date: Apr 06, 2019
Account Number: 287262745226
Foundation Account: 02947849
Invoice: 287262745226X04142019

Account summary

Your last bill	\$63.96
Payment, Mar 30 - Thank you!	-\$63.96
Remaining balance	\$0.00

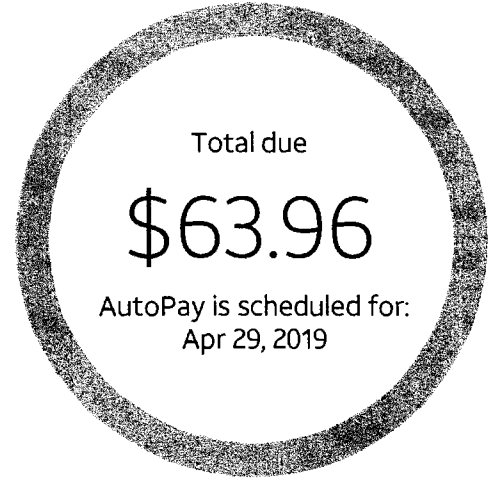
Service summary

 Wireless	Page 2	\$63.96
Total services		\$63.96

Total due

\$63.96

AutoPay is scheduled to debit your bank account on Apr 29, 2019



Entered: [Signature]
COA Code: 6075
Approved: [Signature] C4-17-19
Paid: EFT 05/01/19
Date: 5/1/19

Ways to pay and manage your account:

 business.att.com

 **Call 611**
from AT&T device

800.331.0500
TTY: 866.241.6567
from any other phone



Page: 2013
Issue Date: Apr 06, 2019
Account Number: 287262745226
Foundation Account: 02947849
Invoice: 287262745226X04142019

Service activity

Wireless

Number	Page	Monthly charges	Surcharges & fees	Total
727.389.2270	2	\$62.40	\$1.56	\$63.96
Total		\$62.40	\$1.56	\$63.96

Pooling detail

Data Pool: Cross Device Data Pooling

Allocation factor: 0.0000 | Total under: 10,363,431 | Total overage: 0

Number	User	Allowance (KB)	Used (KB)	Allocation Back (KB)	Adjustment Amount
727.389.2270	AIRCARD TWO	10,485,760	122,329	0	\$0.00
Total for Cross Device Data Pooling		10,485,760	122,329	0	\$0.00

Tablet, 727.389.2270 AIRCARD TWO

Monthly charges

Apr 07 - May 06

- | | |
|---|----------|
| 1. 10GB Data Pooling for Tablets, Laptops, MIFI | \$80.00 |
| 2. National Account Discount | -\$17.60 |

Surcharges & fees

- | | |
|------------------------------------|--------|
| 3. Property Tax Allotment | \$0.31 |
| 4. Regulatory Cost Recovery Charge | \$1.25 |

Total for 727.389.2270 \$63.96

Total for Wireless \$63.96

Usage summary

Data	Used
10 Giga Bytes Pooling with Tethering (10,485,760 KB)	122,329
1 Gigabyte (GB) = 1024MB, 1 Megabyte (MB) = 1024KB	

Important information

Late payment charge

Late payment charges for Corporate Responsibility User (CRU) accounts are applied according to applicable contracts.

Electronic check conversion

Paying by check authorizes AT&T to use the information from your check to make a one-time electronic fund transfer from your account. Funds may be withdrawn from your account as soon as your payment is received. If we cannot process the transaction electronically, you authorize AT&T to

Important information continues...

1465.011.113169.02.03.0000000 NNNNNNNN 029105.029105



Invoice



Page 1/1
Invoice 0000174908
Date 4/30/2019

SUNSHINE STATE ONE CALL OF FLORIDA INC
11 PLANTATION ROAD
DEBARY FL 32713

FEIN #: 65-0445791
Phone: (386) 575-2000 FAX: (386) 575-2037

Email: AR@SUNSHINE811.COM

Bill To: HC WATERWORKS INC
JOSEPH GABAY
4939 CROSS BAYOU BLVD
LAKE JOSEPHINE
NEW PORT RICHEY FL 34652

Purchase Order No.		Customer ID		Payment Terms		Master No.	
2461		AU1915		Net 30		125,037	
Ordered	Shipped	Item Number	Description	Unit Price	Ext. Price		
1	1	MA2018	Monthly Assessment Billing FY2018-2019 For detailed ticket data go to www.online811.com and select Reports to download a complete list of tickets.	\$20.28	\$20.28		
60	60	AU1915-MIA	Tickets Included in Monthly Assessment Tickets Transmitted from 04/01/2019 thru 04/30/2019	\$0.00	\$0.00		
63	63	AU1915-MIL	Positive Response System Late Notice	\$0.00	\$0.00		

Subtotal \$20.28
Misc \$0.00
Tax \$0.00
Freight \$0.00
Total \$20.28

Entered: [Signature]
COA Code: 1025
Approved: [Signature] 05-13-19
Paid: _____
Date: _____



WASTE CONNECTIONS OF FLORIDA
SEBRING HAULING
5151 KENILWORTH BOULEVARD
SEBRING FL 33870-4627
DISTRICT NO. 6437

Page 1

ACCOUNT NO. 6437-003070
INVOICE NO. 54452
STATEMENT DATE 03/25/19
DUE DATE Upon Receipt

HC WATERWORKS INC.
4939 CROSS BAYOU BLVD
NEW PORT RICHEY FL 34652

FOR ASSISTANCE
Customer Service (863) 655-0005
Fax (863) 655-0009
One Time Payments (855) 569-2719

INVOICE STATEMENT

Date	Description	Amount
	Service Location	
	Acct #003070-0001	
	JOE GABAY	
	1949 CANARY WAY SEBRING, FL	
03/25/19	BASIC SERVICE CHARGE 1.00 2.00YD	\$ 114.00
	4/1/2019-4/30/2019	
	Invoice Total	\$ 114.00
	Account Balance	\$ 114.00

This invoice is scheduled for automatic payment according to your instructions on our on-line bill pay site at <https://www.wcicustomer.com>.

****To avoid late fees, payment must be posted to your account within 30 days of your invoice date.****

Bank returned checks will be electronically re-presented to your bank and you may be responsible for a resulting processing fee.

Entered:

COA Code: 6-15 C42-14

Approved:

Paid: EFT Please remit to the address below and return your remit stub with your payment or look on the reverse side to learn about on-line bill pay.

Date: 04/01/19



WASTE CONNECTIONS OF FLORIDA
SEBRING HAULING
5151 KENILWORTH BOULEVARD
SEBRING FL 33870-4627

AV 01 015899 91231B 49 C**5DGT



HC WATERWORKS INC.
4939 CROSS BAYOU BLVD
NEW PORT RICHEY FL 34652-3434

ACCOUNT NO. 6437-003070
INVOICE NO. 54452
STATEMENT DATE 03/25/19
DUE DATE Upon Receipt
PAY THIS AMOUNT \$114.00

WRITE IN
AMOUNT
PAID

\$



TO CHANGE ADDRESS
Check here and complete the
information on the reverse side.

MAIL PAYMENT TO:

WASTE CONNECTIONS OF FLORIDA
P.O. BOX 742695
CINCINNATI OH 45274-2695



6437 000000000000-0030709 000001140000054452 5



4939 Cross Bayou Boulevard
New Port Richey, FL 34652

Invoice

Invoice #	888790
Date	3/31/2019
Due Date	4/30/2019
Account #	704
P.O. or W.A #	

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

Project
704-01 WATER Ops S Lks, L J'phine, L Lks

Date	Description	Qty	Rate	Amount
3/31/2019	Corporation Annual Report - State of Florida	1	150.00	150.00
Entered: <u>[Signature]</u> COA Code: <u>675</u> Approved: <u>4-4-19</u> Paid: <u>ck# 1403</u> Date: <u>5/31/19</u>				

Please remit payment to the above address. We appreciate your business!

Total \$150.00

Questions about your bill?
Phone: 727-848-8292 EXT 219
Toll free: 866-753-8292 EXT 219
Email: uswater-ar@uswatercorp.net

Payments/Credits \$0.00

Balance Due \$150.00

Invoice



Page 1/1
Invoice 0000173871
Date 3/31/2019

SUNSHINE STATE ONE CALL OF FLORIDA INC
11 PLANTATION ROAD
DEBARY FL 32713

FEIN #: 65-0445791
Phone: (386) 575-2000 FAX: (386) 575-2037
Email: AR@SUNSHINE811.COM

Bill To: HC WATERWORKS INC
JOSEPH GABAY
4939 CROSS BAYOU BLVD
LAKE JOSEPHINE
NEW PORT RICHEY FL 34652

Purchase Order No.		Customer ID		Payment Terms		Master No.	
2461		AU1915		Net 30		124,000	
Ordered	Shipped	Item Number	Description	Unit Price	Ext. Price		
1	1	MA2018	Monthly Assessment Billing FY2018-2019 For detailed ticket data go to www.online811.com and select Reports to download a complete list of tickets.	\$20.28	\$20.28		
9	9	AU1915-MIA	Tickets Included in Monthly Assessment Tickets Transmitted from 03/01/2019 thru 03/31/2019	\$0.00	\$0.00		
4	4	AU1915-MIL	Positive Response System Late Notice	\$0.00	\$0.00		

Subtotal \$20.28
Misc \$0.00
Tax \$0.00
Freight \$0.00
Total \$20.28

Entered: JS
COA Code: 675
Approved: SP 4-8-19
Paid: _____
Date: _____



WASTE CONNECTIONS OF FLORIDA
SEBRING HAULING
5151 KENILWORTH BOULEVARD
SEBRING FL 33870-4627
DISTRICT NO. 6437

ACCOUNT NO.
INVOICE NO.
STATEMENT DATE
DUE DATE

Page 1
6437-003070
53776
02/25/19
Upon Receipt

HC WATERWORKS INC.
4939 CROSS BAYOU BLVD
NEW PORT RICHEY FL 34652

FOR ASSISTANCE
Customer Service (863) 655-0005
Fax (863) 655-0009
One Time Payments (855) 569-2719

INVOICE STATEMENT

Date	Description	Amount
	Service Location Acct #003070-0001	JOE GABAY 1949 CANARY WAY SEBRING, FL
02/25/19	BASIC SERVICE CHARGE	1.00 2.00YD \$ 114.00
	3/1/2019-3/31/2019	\$ 114.00
	Invoice Total	\$ 114.00
	Account Balance	\$ 114.00

This invoice is scheduled for automatic payment according to your instructions on our on-line bill pay site at <https://www.wcicustomer.com>.

****To avoid late fees, payment must be posted to your account within 30 days of your invoice date.****

Bank returned checks will be electronically re-presented to your bank and you may be responsible for a resulting processing fee.

Entered: 8-25

COA Code: 675

Approved: WP 23-4-19

Paid: EFT 030419

Date: 3/4/19 Please remit to the address below and return your remit stub with your payment or look on the reverse side to learn about on-line bill pay.



WASTE CONNECTIONS OF FLORIDA
SEBRING HAULING
5151 KENILWORTH BOULEVARD
SEBRING FL 33870-4627

AV 01 014346 63695B 53 C**5DGT



HC WATERWORKS INC.
4939 CROSS BAYOU BLVD
NEW PORT RICHEY FL 34652-3434

ACCOUNT NO. 6437-003070
INVOICE NO. 53776
STATEMENT DATE 02/25/19
DUE DATE Upon Receipt
PAY THIS AMOUNT \$114.00

WRITE IN
AMOUNT
PAID

\$

☐ TO CHANGE ADDRESS
Check here and complete the
information on the reverse side.

MAIL PAYMENT TO:
WASTE CONNECTIONS OF FLORIDA
P.O. BOX 742695
CINCINNATI OH 45274-2695



6437 000000000000-0030709 000001140000053776 8

Invoice



Page 1/1
Invoice 0000172842
Date 2/28/2019

SUNSHINE STATE ONE CALL OF FLORIDA INC
11 PLANTATION ROAD
DEBARY FL 32713

FEIN #: 65-0445791
Phone: (386) 575-2000 FAX: (386) 575-2037
Email: AR@SUNSHINE811.COM

Bill To: HC WATERWORKS INC
JOSEPH GABAY
4939 CROSS BAYOU BLVD
LAKE JOSEPHINE
NEW PORT RICHEY FL 34652

Purchase Order No.		Customer ID			Payment Terms		Master No.
2461		AU1915			Net 30		122,971
Ordered	Shipped	Item Number	Description			Unit Price	Ext. Price
1	1	MA2018	Monthly Assessment Billing FY2018-2019 For detailed ticket data go to www.online811.com and select Reports to download a complete list of tickets.			\$20.28	\$20.28
9	9	AU1915-MIA	Tickets Included in Monthly Assessment Tickets Transmitted from 02/01/2019 thru 02/28/2019			\$0.00	\$0.00
8	8	AU1915-MIL	Positive Response System Late Notice			\$0.00	\$0.00

Subtotal \$20.28
Misc \$0.00
Tax \$0.00
Freight \$0.00
Total \$20.28

Entered: [Signature]

COA Code: 675

Approved: [Signature] 3-11-19

Paid: _____

Date: _____

Phonetics, Inc.
d.b.a. SENSAPHONE®
901 Tryens Rd · Aston, PA 19014
610.558.2700 Fax: 610.558.0222

Renewal Notice

2/7/2019

US Water Service
Joe Gabey
4939 Cross Bayou Blvd
New Port Richey, FL 34652

Date	Customer #	EUID	LOC	Customer PO Number	Tax ID #
2/7/2019	30682	725	PA	Subscription Renewal	87-0361597
Item Number Description	Unit Serial Number	Unit Name / ID	Exp Date	Price	
FGD-CELL1Y CELL682 Subscription Rene	062015-002026		3/23/2019	\$240.00 USD	
FGD-CELL1Y CELL682 Subscription Rene	122015-002032		3/23/2019	\$240.00 USD	
				Sale Amount	\$480.00 USD
				Sales Tax	\$0.00 USD
				Balance Due	\$480.00 USD

To make payment by credit card, call 610-558-2700 ext 285.

To pay by check, make it payable to Sensaphone, Inc. in US dollars and mail it to:
901 Tryens Road
Aston, PA 19014

Split
HC / Sunny
\$ 240 / ea

Please return one copy of this renewal notice with your payment to continue your subscription.

Contact Information Changes

Company: HC / Sunny Hills
Name: Joe Gabey
Address: 4939 Cross Bayou Blvd
Phone #: New Port Richey, FL 34652
Email: jgabey@uswatercorp.net

Entered: [Signature]

COA Code: 6015

Approved: [Signature] 6-2-20-14

Paid: _____

Date: _____

DISBURSEMENT REQUEST AND AUTHORIZATION

Principal	Loan Date	Maturity	Loan No	Call / Coll	Account	Officer	Initials
\$2,078,109.89	03-28-2019	04-12-2026	137650	4266	141931	058	

References in the boxes above are for Lender's use only and do not limit the applicability of this document to any particular loan or item.
Any item above containing ***** has been omitted due to text length limitations.

Borrower: HC Waterwork, Inc.
4939 Cross Bayou Boulevard
New Port Richey, FL 34652

Lender: The Bank of Tampa
Post Office Box One
Tampa, FL 33601-0001

LOAN TYPE. This is a Fixed Rate (5.250%) Nondisclosable Loan to a Corporation for \$2,078,109.89 due on April 12, 2026. This is a secured renewal loan.

PRIMARY PURPOSE OF LOAN. The primary purpose of this loan is for:

- ☐ Personal, Family, or Household Purposes or Personal Investment.
☒ Business (Including Real Estate Investment).

SPECIFIC PURPOSE. The specific purpose of this loan is: To Finance maintenance of water utility.

DISBURSEMENT INSTRUCTIONS. Borrower understands that no loan proceeds will be disbursed until all of Lender's conditions for making the loan have been satisfied. Please disburse the loan proceeds of \$2,078,109.89 as follows:

Other Disbursements:	\$2,078,109.89
\$578,109.89 Current Outstanding Balance	
\$1,500,000.00 Wire funds to borrower	
Note Principal:	\$2,078,109.89

CHARGES PAID IN CASH. Borrower has paid or will pay in cash as agreed the following charges:

Prepaid Finance Charges Paid in Cash:	\$0.00
Other Charges Paid in Cash:	\$6,919.20
\$24.00 File UCC Secretary of State (2 Amend address)	
\$3,750.00 Loan Fee	
\$350.00 Doc Prep Fee	
\$2,047.47 Interest due through 3/28/2019	
\$321.08 Late Charge due	
\$426.65 Documentary Stamp Tax	
Total Charges Paid in Cash:	\$6,919.20

\$6,919.20
- 2047.47
\$4,871.73

AGREEMENT TO CORRECT MISSTATED DOCUMENTS AND/OR PROVIDE ADDITIONAL DOCUMENTS AND/OR FEES.

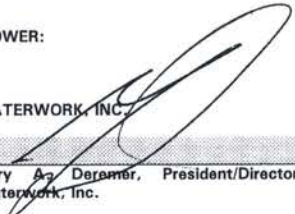
In consideration of Lender disbursing funds for the closing of this loan, and regardless of the reason for any loss, misplacement, or inaccuracy in any loan documentation, Borrower agrees as follows:

If any document is lost, misplaced, misstated or inaccurately reflects the true and correct terms and conditions of the loan, upon request of the Lender, Borrower will comply with Lender's request to execute, acknowledge, initial and deliver to Lender any documentation Lender deems necessary to replace or correct the lost, misplaced, misstated or inaccurate document(s). If the original promissory note is replaced, the Lender hereby indemnifies the Borrower against any loss associated with a demand on the original note. All documents Lender requests of Borrower shall be referred to as "Replacement Documents". Borrower agrees to deliver the Replacement Documents within ten (10) days after receipt by Borrower of a written request for such replacement. Borrower also agrees that upon request, Borrower will supply additional amounts and/or pay to Lender and additional sum previously disclosed to Borrower as a cost or fee associated with the Loan, which for whatever reason was not collected at or before closing.

FINANCIAL CONDITION. BY SIGNING THIS AUTHORIZATION, BORROWER REPRESENTS AND WARRANTS TO LENDER THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND CORRECT AND THAT THERE HAS BEEN NO MATERIAL ADVERSE CHANGE IN BORROWER'S FINANCIAL CONDITION AS DISCLOSED IN BORROWER'S MOST RECENT FINANCIAL STATEMENT TO LENDER. THIS AUTHORIZATION IS DATED MARCH 28, 2019.

BORROWER:

HC WATERWORK, INC.

By: 
Gary A. Deromer, President/Director of HC Waterwork, Inc.

BUSINESS LOAN AGREEMENT

Principal	Loan Date	Maturity	Loan No	Call / Coll	Account	Officer	Initials
\$2,078,109.89	03-28-2019	04-12-2026	137650	4266	141931	058	
References in the boxes above are for Lender's use only and do not limit the applicability of this document to any particular loan or item. Any item above containing ***** has been omitted due to text length limitations.							

Borrower: HC Waterwork, Inc.
4939 Cross Bayou Boulevard
New Port Richey, FL 34652

Lender: The Bank of Tampa
Post Office Box One
Tampa, FL 33601-0001

THIS BUSINESS LOAN AGREEMENT dated March 28, 2019, is made and executed between HC Waterwork, Inc. ("Borrower") and The Bank of Tampa ("Lender") on the following terms and conditions. Borrower has received prior commercial loans from Lender or has applied to Lender for a commercial loan or loans or other financial accommodations, including those which may be described on any exhibit or schedule attached to this Agreement. Borrower understands and agrees that: (A) in granting, renewing, or extending any Loan, Lender is relying upon Borrower's representations, warranties, and agreements as set forth in this Agreement; (B) the granting, renewing, or extending of any Loan by Lender at all times shall be subject to Lender's sole judgment and discretion; and (C) all such Loans shall be and remain subject to the terms and conditions of this Agreement.

TERM. This Agreement shall be effective as of March 28, 2019, and shall continue in full force and effect until such time as all of Borrower's Loans in favor of Lender have been paid in full, including principal, interest, costs, expenses, attorneys' fees, and other fees and charges, or until such time as the parties may agree in writing to terminate this Agreement.

CONDITIONS PRECEDENT TO EACH ADVANCE. Lender's obligation to make the initial Advance and each subsequent Advance under this Agreement shall be subject to the fulfillment to Lender's satisfaction of all of the conditions set forth in this Agreement and in the Related Documents.

Loan Documents. Borrower shall provide to Lender the following documents for the Loan: (1) the Note; (2) guarantees; (3) together with all such Related Documents as Lender may require for the Loan; all in form and substance satisfactory to Lender and Lender's counsel.

Borrower's Authorization. Borrower shall have provided in form and substance satisfactory to Lender properly certified resolutions, duly authorizing the execution and delivery of this Agreement, the Note and the Related Documents. In addition, Borrower shall have provided such other resolutions, authorizations, documents and instruments as Lender or its counsel, may require.

Payment of Fees and Expenses. Borrower shall have paid to Lender all fees, charges, and other expenses which are then due and payable as specified in this Agreement or any Related Document.

Representations and Warranties. The representations and warranties set forth in this Agreement, in the Related Documents, and in any document or certificate delivered to Lender under this Agreement are true and correct.

No Event of Default. There shall not exist at the time of any Advance a condition which would constitute an Event of Default under this Agreement or under any Related Document.

REPRESENTATIONS AND WARRANTIES. Borrower represents and warrants to Lender, as of the date of this Agreement, as of the date of each disbursement of loan proceeds, as of the date of any renewal, extension or modification of any Loan, and at all times any Indebtedness exists:

Organization. Borrower is a corporation for profit which is, and at all times shall be, duly organized, validly existing, and in good standing under and by virtue of the laws of the State of Florida. Borrower is duly authorized to transact business in all other states in which Borrower is doing business, having obtained all necessary filings, governmental licenses and approvals for each state in which Borrower is doing business. Specifically, Borrower is, and at all times shall be, duly qualified as a foreign corporation in all states in which the failure to so qualify would have a material adverse effect on its business or financial condition. Borrower has the full power and authority to own its properties and to transact the business in which it is presently engaged or presently proposes to engage. Borrower maintains an office at 4939 Cross Bayou Boulevard, New Port Richey, FL 34652. Unless Borrower has designated otherwise in writing, the principal office is the office at which Borrower keeps its books and records including its records concerning the Collateral. Borrower will notify Lender prior to any change in the location of Borrower's state of organization or any change in Borrower's name. Borrower shall do all things necessary to preserve and to keep in full force and effect its existence, rights and privileges, and shall comply with all regulations, rules, ordinances, statutes, orders and decrees of any governmental or quasi-governmental authority or court applicable to Borrower and Borrower's business activities.

Assumed Business Names. Borrower has filed or recorded all documents or filings required by law relating to all assumed business names used by Borrower. Excluding the name of Borrower, the following is a complete list of all assumed business names under which Borrower does business: **None.**

Authorization. Borrower's execution, delivery, and performance of this Agreement and all the Related Documents have been duly authorized by all necessary action by Borrower and do not conflict with, result in a violation of, or constitute a default under (1) any provision of (a) Borrower's articles of incorporation or organization, or bylaws, or (b) any agreement or other instrument binding upon Borrower or (2) any law, governmental regulation, court decree, or order applicable to Borrower or to Borrower's properties.

Financial Information. Each of Borrower's financial statements supplied to Lender truly and completely disclosed Borrower's financial condition as of the date of the statement, and there has been no material adverse change in Borrower's financial condition subsequent to the date of the most recent financial statement supplied to Lender. Borrower has no material contingent obligations except as disclosed in such financial statements.

Legal Effect. This Agreement constitutes, and any instrument or agreement Borrower is required to give under this Agreement when delivered will constitute legal, valid, and binding obligations of Borrower enforceable against Borrower in accordance with their respective terms.

Properties. Except as contemplated by this Agreement or as previously disclosed in Borrower's financial statements or in writing to Lender and as accepted by Lender, and except for property tax liens for taxes not presently due and payable, Borrower owns and has good title to all of Borrower's properties free and clear of all Security Interests, and has not executed any security documents or financing statements relating to such properties. All of Borrower's properties are titled in Borrower's legal name, and Borrower has not used or filed a financing statement under any other name for at least the last five (5) years.

Hazardous Substances. Except as disclosed to and acknowledged by Lender in writing, Borrower represents and warrants that: (1) During the period of Borrower's ownership of the Collateral, there has been no use, generation, manufacture, storage, treatment, disposal, release or threatened release of any Hazardous Substance by any person on, under, about or from any of the Collateral. (2) Borrower has no knowledge of, or reason to believe that there has been (a) any breach or violation of any Environmental Laws; (b) any use, generation, manufacture, storage, treatment, disposal, release or threatened release of any Hazardous Substance on, under, about or from the Collateral by any prior owners or occupants of any of the Collateral; or (c) any actual or threatened litigation or claims of any kind by any person relating to such matters. (3) Neither Borrower nor any tenant, contractor, agent or other authorized user of any of the Collateral shall use, generate, manufacture, store, treat, dispose of or release any Hazardous Substance on, under, about or from any of the Collateral; and any such activity shall be conducted in compliance with all applicable federal, state, and local laws, regulations, and ordinances, including without limitation all Environmental Laws. Borrower authorizes Lender and its agents to enter upon the Collateral to make such inspections and tests as Lender may deem appropriate to determine compliance of the Collateral with this section of the Agreement. Any inspections or tests made by Lender shall be at Borrower's expense and for Lender's purposes only and shall not be construed to create any responsibility or liability on the part of Lender to Borrower or to any other person. The representations and warranties contained herein are based on Borrower's due diligence in investigating the Collateral for hazardous waste and Hazardous Substances. Borrower hereby (1) releases and waives any future claims against Lender for indemnity or contribution in the event Borrower becomes liable for cleanup or other costs under any such laws, and (2) agrees to indemnify, defend, and hold harmless Lender against any and all claims, losses, liabilities, damages, penalties, and expenses which Lender may directly or indirectly sustain or suffer resulting from a breach of this section of the Agreement or as a consequence of any use, generation, manufacture, storage, disposal, release or threatened release of a hazardous waste or substance on the Collateral. The provisions of this section of the Agreement, including the obligation to indemnify and defend, shall survive the payment of the Indebtedness and the termination, expiration or satisfaction of this Agreement and shall not be affected by Lender's acquisition of any interest in any of the Collateral, whether by foreclosure or otherwise.

Litigation and Claims. No litigation, claim, investigation, administrative proceeding or similar action (including those for unpaid taxes) against Borrower is pending or threatened, and no other event has occurred which may materially adversely affect Borrower's financial condition or properties, other than litigation, claims, or other events, if any, that have been disclosed to and acknowledged by Lender in writing.

Taxes. To the best of Borrower's knowledge, all of Borrower's tax returns and reports that are or were required to be filed, have been

**BUSINESS LOAN AGREEMENT
(Continued)**

Loan No: 137650

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filed, and all taxes, assessments and other governmental charges have been paid in full, except those presently being or to be contested by Borrower in good faith in the ordinary course of business and for which adequate reserves have been provided.

Lien Priority. Unless otherwise previously disclosed to Lender in writing, Borrower has not entered into or granted any Security Agreements, or permitted the filing or attachment of any Security Interests on or affecting any of the Collateral directly or indirectly securing repayment of Borrower's Loan and Note, that would be prior or that may in any way be superior to Lender's Security Interests and rights in and to such Collateral.

Binding Effect. This Agreement, the Note, all Security Agreements (if any), and all Related Documents are binding upon the signers thereof, as well as upon their successors, representatives and assigns, and are legally enforceable in accordance with their respective terms.

AFFIRMATIVE COVENANTS. Borrower covenants and agrees with Lender that, so long as this Agreement remains in effect, Borrower will:

Notices of Claims and Litigation. Promptly inform Lender in writing of (1) all material adverse changes in Borrower's financial condition, and (2) all existing and all threatened litigation, claims, investigations, administrative proceedings or similar actions affecting Borrower or any Guarantor which could materially affect the financial condition of Borrower or the financial condition of any Guarantor.

Financial Records. Maintain its books and records in accordance with GAAP, applied on a consistent basis, and permit Lender to examine and audit Borrower's books and records at all reasonable times.

Financial Statements. Furnish Lender with the following:

Annual Statements. As soon as available, but in no event later than ninety (90) days after the end of each fiscal year, Borrower's balance sheet and income statement for the year ended, compiled by a certified public accountant satisfactory to Lender.

Tax Returns. As soon as available, but in no event later than sixty (60) days after the applicable filing date for the tax reporting period ended, Borrower's Federal and other governmental tax returns, prepared by a certified public accountant satisfactory to Lender.

All financial reports required to be provided under this Agreement shall be prepared in accordance with GAAP, applied on a consistent basis, and certified by Borrower as being true and correct.

Additional Information. Furnish such additional information and statements, as Lender may request from time to time.

Additional Requirements. Debt Service Coverage

The ratio of earnings before interest expense, depreciation, taxes, and amortization divided by current portion of long term debt + interest expense must be equal to or greater than 1.1 to 1, to be measured annually as of the fiscal year end.

Insurance. Maintain fire and other risk insurance, public liability insurance, and such other insurance as Lender may require with respect to Borrower's properties and operations, in form, amounts, coverages and with insurance companies acceptable to Lender. Borrower, upon request of Lender, will deliver to Lender from time to time the policies or certificates of insurance in form satisfactory to Lender, including stipulations that coverages will not be cancelled or diminished without at least ten (10) days prior written notice to Lender. Each insurance policy also shall include an endorsement providing that coverage in favor of Lender will not be impaired in any way by any act, omission or default of Borrower or any other person. In connection with all policies covering assets in which Lender holds or is offered a security interest for the Loans, Borrower will provide Lender with such lender's loss payable or other endorsements as Lender may require.

Insurance Reports. Furnish to Lender, upon request of Lender, reports on each existing insurance policy showing such information as Lender may reasonably request, including without limitation the following: (1) the name of the insurer; (2) the risks insured; (3) the amount of the policy; (4) the properties insured; (5) the then current property values on the basis of which insurance has been obtained, and the manner of determining those values; and (6) the expiration date of the policy. In addition, upon request of Lender (however not more often than annually), Borrower will have an independent appraiser satisfactory to Lender determine, as applicable, the actual cash value or replacement cost of any Collateral. The cost of such appraisal shall be paid by Borrower.

Guaranties. Prior to disbursement of any Loan proceeds, furnish executed guaranties of the Loans in favor of Lender, executed by the guarantors named below, on Lender's forms, and in the amounts and under the conditions set forth in those guaranties.

Names of Guarantors

Amounts

Gary A. Deremer	Unlimited
David Schultz	Unlimited
Joseph G. Gabay	Unlimited
Victoria Panick	Unlimited
Aaron Voss	Unlimited
Cecil Delcher	Unlimited
Jeffrey Dupont	Unlimited

Other Agreements. Comply with all terms and conditions of all other agreements, whether now or hereafter existing, between Borrower and any other party and notify Lender immediately in writing of any default in connection with any other such agreements.

Loan Proceeds. Use all Loan proceeds solely for Borrower's business operations, unless specifically consented to the contrary by Lender in writing.

Taxes, Charges and Liens. Pay and discharge when due all of its indebtedness and obligations, including without limitation all assessments, taxes, governmental charges, levies and liens, of every kind and nature, imposed upon Borrower or its properties, income, or profits, prior to the date on which penalties would attach, and all lawful claims that, if unpaid, might become a lien or charge upon any of Borrower's properties, income, or profits. Provided however, Borrower will not be required to pay and discharge any such assessment, tax, charge, levy, lien or claim so long as (1) the legality of the same shall be contested in good faith by appropriate proceedings, and (2) Borrower shall have established on Borrower's books adequate reserves with respect to such contested assessment, tax, charge, levy, lien, or claim in accordance with GAAP.

Performance. Perform and comply, in a timely manner, with all terms, conditions, and provisions set forth in this Agreement, in the Related Documents, and in all other instruments and agreements between Borrower and Lender. Borrower shall notify Lender immediately in writing of any default in connection with any agreement.

Operations. Maintain executive and management personnel with substantially the same qualifications and experience as the present executive and management personnel; provide written notice to Lender of any change in executive and management personnel; conduct its business affairs in a reasonable and prudent manner.

Environmental Studies. Promptly conduct and complete, at Borrower's expense, all such investigations, studies, samplings and testings as may be requested by Lender or any governmental authority relative to any substance, or any waste or by-product of any substance defined as toxic or a hazardous substance under applicable federal, state, or local law, rule, regulation, order or directive, at or affecting any property or any facility owned, leased or used by Borrower.

Compliance with Governmental Requirements. Comply with all laws, ordinances, and regulations, now or hereafter in effect, of all governmental authorities applicable to the conduct of Borrower's properties, businesses and operations, and to the use or occupancy of the Collateral, including without limitation, the Americans With Disabilities Act. Borrower may contest in good faith any such law, ordinance, or regulation and withhold compliance during any proceeding, including appropriate appeals, so long as Borrower has notified Lender in writing prior to doing so and so long as, in Lender's sole opinion, Lender's interests in the Collateral are not jeopardized. Lender may require Borrower to post adequate security or a surety bond, reasonably satisfactory to Lender, to protect Lender's interest.

Inspection. Permit employees or agents of Lender at any reasonable time to inspect any and all Collateral for the Loan or Loans and Borrower's other properties and to examine or audit Borrower's books, accounts, and records and to make copies and memoranda of Borrower's books, accounts, and records. If Borrower now or at any time hereafter maintains any records (including without limitation computer generated records and computer software programs for the generation of such records) in the possession of a third party, Borrower, upon request of Lender, shall notify such party to permit Lender free access to such records at all reasonable times and to provide Lender with copies of any records it may request, all at Borrower's expense.

Compliance Certificates. Unless waived in writing by Lender, provide Lender at least annually, with a certificate executed by Borrower's chief financial officer, or other officer or person acceptable to Lender, certifying that the representations and warranties set forth in this Agreement are true and correct as of the date of the certificate and further certifying that, as of the date of the certificate, no Event of Default exists under this Agreement.

Environmental Compliance and Reports. Borrower shall comply in all respects with any and all Environmental Laws; not cause or permit to exist, as a result of an intentional or unintentional action or omission on Borrower's part or on the part of any third party, on property

owned and/or occupied by Borrower, any environmental activity where damage may result to the environment, unless such environmental activity is pursuant to and in compliance with the conditions of a permit issued by the appropriate federal, state or local governmental authorities; shall furnish to Lender promptly and in any event within thirty (30) days after receipt thereof a copy of any notice, summons, lien, citation, directive, letter or other communication from any governmental agency or instrumentality concerning any intentional or unintentional action or omission on Borrower's part in connection with any environmental activity whether or not there is damage to the environment and/or other natural resources.

Additional Assurances. Make, execute and deliver to Lender such promissory notes, mortgages, deeds of trust, security agreements, assignments, financing statements, instruments, documents and other agreements as Lender or its attorneys may reasonably request to evidence and secure the Loans and to perfect all Security Interests.

LENDER'S EXPENDITURES. If any action or proceeding is commenced that would materially affect Lender's interest in the Collateral or if Borrower fails to comply with any provision of this Agreement or any Related Documents, including but not limited to Borrower's failure to discharge or pay when due any amounts Borrower is required to discharge or pay under this Agreement or any Related Documents, Lender on Borrower's behalf may (but shall not be obligated to) take any action that Lender deems appropriate, including but not limited to discharging or paying all taxes, liens, security interests, encumbrances and other claims, at any time levied or placed on any Collateral and paying all costs for insuring, maintaining and preserving any Collateral. All such expenditures incurred or paid by Lender for such purposes will then bear interest at the rate charged under the Note from the date incurred or paid by Lender to the date of repayment by Borrower. All such expenses will become a part of the Indebtedness and, at Lender's option, will (A) be payable on demand; (B) be added to the balance of the Note and be apportioned among and be payable with any installment payments to become due during either (1) the term of any applicable insurance policy; or (2) the remaining term of the Note; or (C) be treated as a balloon payment which will be due and payable at the Note's maturity.

NEGATIVE COVENANTS. Borrower covenants and agrees with Lender that while this Agreement is in effect, Borrower shall not, without the prior written consent of Lender:

Indebtedness and Liens. (1) Except for trade debt incurred in the normal course of business and indebtedness to Lender contemplated by this Agreement, create, incur or assume indebtedness for borrowed money, including capital leases, (2) sell, transfer, mortgage, assign, pledge, lease, grant a security interest in, or encumber any of Borrower's assets (except as allowed as Permitted Liens), or (3) sell with recourse any of Borrower's accounts, except to Lender.

Continuity of Operations. (1) Engage in any business activities substantially different than those in which Borrower is presently engaged, (2) cease operations, liquidate, merge, transfer, acquire or consolidate with any other entity, change its name, dissolve or transfer or sell Collateral out of the ordinary course of business, or (3) pay any dividends on Borrower's stock (other than dividends payable in its stock), provided, however that notwithstanding the foregoing, but only so long as no Event of Default has occurred and is continuing or would result from the payment of dividends, if Borrower is a "Subchapter S Corporation" (as defined in the Internal Revenue Code of 1986, as amended), Borrower may pay cash dividends on its stock to its shareholders from time to time in amounts necessary to enable the shareholders to pay income taxes and make estimated income tax payments to satisfy their liabilities under federal and state law which arise solely from their status as Shareholders of a Subchapter S Corporation because of their ownership of shares of Borrower's stock, or purchase or retire any of Borrower's outstanding shares or alter or amend Borrower's capital structure.

Loans, Acquisitions and Guaranties. (1) Loan, invest in or advance money or assets to any other person, enterprise or entity, (2) purchase, create or acquire any interest in any other enterprise or entity, or (3) incur any obligation as surety or guarantor other than in the ordinary course of business.

Agreements. Enter into any agreement containing any provisions which would be violated or breached by the performance of Borrower's obligations under this Agreement or in connection herewith.

CESSATION OF ADVANCES. If Lender has made any commitment to make any Loan to Borrower, whether under this Agreement or under any other agreement, Lender shall have no obligation to make Loan Advances or to disburse Loan proceeds if: (A) Borrower or any Guarantor is in default under the terms of this Agreement or any of the Related Documents or any other agreement that Borrower or any Guarantor has with Lender; (B) Borrower or any Guarantor dies, becomes incompetent or becomes insolvent, files a petition in bankruptcy or similar proceedings, or is adjudged a bankrupt; (C) there occurs a material adverse change in Borrower's financial condition, in the financial condition of any Guarantor, or in the value of any Collateral securing any Loan; or (D) any Guarantor seeks, claims or otherwise attempts to limit, modify or revoke such Guarantor's guaranty of the Loan or any other loan with Lender; or (E) Lender in good faith deems itself insecure, even though no Event of Default shall have occurred.

RIGHT OF SETOFF. To the extent permitted by applicable law, Lender reserves a right of setoff in all Borrower's accounts with Lender (whether checking, savings, or some other account). This includes all accounts Borrower holds jointly with someone else and all accounts Borrower may open in the future. However, this does not include any IRA or Keogh accounts, or any trust accounts for which setoff would be prohibited by law. Borrower authorizes Lender, to the extent permitted by applicable law, to charge or setoff all sums owing on the debt against any and all such accounts.

DEFAULT. Each of the following shall constitute an Event of Default under this Agreement:

Payment Default. Borrower fails to make any payment when due under the Loan.

Other Defaults. Borrower fails to comply with or to perform any other term, obligation, covenant or condition contained in this Agreement or in any of the Related Documents or to comply with or to perform any term, obligation, covenant or condition contained in any other agreement between Lender and Borrower.

Default in Favor of Third Parties. Borrower or any Grantor defaults under any loan, extension of credit, security agreement, purchase or sales agreement, or any other agreement, in favor of any other creditor or person that may materially affect any of Borrower's or any Grantor's property or Borrower's or any Grantor's ability to repay the Loans or perform their respective obligations under this Agreement or any of the Related Documents.

False Statements. Any warranty, representation or statement made or furnished to Lender by Borrower or on Borrower's behalf under this Agreement or the Related Documents is false or misleading in any material respect, either now or at the time made or furnished or becomes false or misleading at any time thereafter.

Insolvency. The dissolution or termination of Borrower's existence as a going business, the insolvency of Borrower, the appointment of a receiver for any part of Borrower's property, any assignment for the benefit of creditors, any type of creditor workout, or the commencement of any proceeding under any bankruptcy or insolvency laws by or against Borrower.

Defective Collateralization. This Agreement or any of the Related Documents ceases to be in full force and effect (including failure of any collateral document to create a valid and perfected security interest or lien) at any time and for any reason.

Creditor or Forfeiture Proceedings. Commencement of foreclosure or forfeiture proceedings, whether by judicial proceeding, self-help, repossession or any other method, by any creditor of Borrower or by any governmental agency against any collateral securing the Loan. This includes a garnishment of any of Borrower's accounts, including deposit accounts, with Lender. However, this Event of Default shall not apply if there is a good faith dispute by Borrower as to the validity or reasonableness of the claim which is the basis of the creditor or forfeiture proceeding and if Borrower gives Lender written notice of the creditor or forfeiture proceeding and deposits with Lender monies or a surety bond for the creditor or forfeiture proceeding, in an amount determined by Lender, in its sole discretion, as being an adequate reserve or bond for the dispute.

Events Affecting Guarantor. Any of the preceding events occurs with respect to any Guarantor of any of the Indebtedness or any Guarantor dies or becomes incompetent, or revokes or disputes the validity of, or liability under, any Guaranty of the Indebtedness.

Change in Ownership. Any change in ownership of twenty-five percent (25%) or more of the common stock of Borrower.

Adverse Change. A material adverse change occurs in Borrower's financial condition, or Lender believes the prospect of payment or performance of the Loan is impaired.

Insecurity. Lender in good faith believes itself insecure.

EFFECT OF AN EVENT OF DEFAULT. If any Event of Default shall occur, except where otherwise provided in this Agreement or the Related Documents, all commitments and obligations of Lender under this Agreement or the Related Documents or any other agreement immediately will terminate (including any obligation to make further Loan Advances or disbursements), and, at Lender's option, all Indebtedness immediately will become due and payable, all without notice of any kind to Borrower, except that in the case of an Event of Default of the type described in the "Insolvency" subsection above, such acceleration shall be automatic and not optional. In addition, Lender shall have all the rights and remedies provided in the Related Documents or available at law, in equity, or otherwise. Except as may be prohibited by applicable law, all of Lender's rights and remedies shall be cumulative and may be exercised singularly or concurrently. Election by Lender to pursue any remedy shall not exclude pursuit of any other remedy, and an election to make expenditures or to take action to perform an obligation of Borrower or of any Grantor shall not affect Lender's right to declare a default and to exercise its rights and remedies.

**BUSINESS LOAN AGREEMENT
(Continued)**

Loan No: 137650

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MISCELLANEOUS PROVISIONS. The following miscellaneous provisions are a part of this Agreement:

Amendments. This Agreement, together with any Related Documents, constitutes the entire understanding and agreement of the parties as to the matters set forth in this Agreement. No alteration of or amendment to this Agreement shall be effective unless given in writing and signed by the party or parties sought to be charged or bound by the alteration or amendment.

Attorneys' Fees; Expenses. Borrower agrees to pay upon demand all of Lender's costs and expenses, including Lender's reasonable attorneys' fees and Lender's legal expenses, incurred in connection with the enforcement of this Agreement. Lender may hire or pay someone else to help enforce this Agreement, and Borrower shall pay the costs and expenses of such enforcement. Costs and expenses include Lender's reasonable attorneys' fees and legal expenses whether or not there is a lawsuit, including reasonable attorneys' fees and legal expenses for bankruptcy proceedings (including efforts to modify or vacate any automatic stay or injunction), appeals, and any anticipated post-judgment collection services. Borrower also shall pay all court costs and such additional fees as may be directed by the court.

Caption Headings. Caption headings in this Agreement are for convenience purposes only and are not to be used to interpret or define the provisions of this Agreement.

Consent to Loan Participation. Borrower agrees and consents to Lender's sale or transfer, whether now or later, of one or more participation interests in the Loan to one or more purchasers, whether related or unrelated to Lender. Lender may provide, without any limitation whatsoever, to any one or more purchasers, or potential purchasers, any information or knowledge Lender may have about Borrower or about any other matter relating to the Loan, and Borrower hereby waives any rights to privacy Borrower may have with respect to such matters. Borrower additionally waives any and all notices of sale of participation interests, as well as all notices of any repurchase of such participation interests. Borrower also agrees that the purchasers of any such participation interests will be considered as the absolute owners of such interests in the Loan and will have all the rights granted under the participation agreement or agreements governing the sale of such participation interests. Borrower further waives all rights of offset or counterclaim that it may have now or later against Lender or against any purchaser of such a participation interest and unconditionally agrees that either Lender or such purchaser may enforce Borrower's obligation under the Loan irrespective of the failure or insolvency of any holder of any interest in the Loan. Borrower further agrees that the purchaser of any such participation interests may enforce its interests irrespective of any personal claims or defenses that Borrower may have against Lender.

Governing Law. This Agreement will be governed by federal law applicable to Lender and, to the extent not preempted by federal law, the laws of the State of Florida without regard to its conflicts of law provisions. This Agreement has been accepted by Lender in the State of Florida.

Choice of Venue. If there is a lawsuit, Borrower agrees upon Lender's request to submit to the jurisdiction of the courts of Hillsborough County, State of Florida.

No Waiver by Lender. Lender shall not be deemed to have waived any rights under this Agreement unless such waiver is given in writing and signed by Lender. No delay or omission on the part of Lender in exercising any right shall operate as a waiver of such right or any other right. A waiver by Lender of a provision of this Agreement shall not prejudice or constitute a waiver of Lender's right otherwise to demand strict compliance with that provision or any other provision of this Agreement. No prior waiver by Lender, nor any course of dealing between Lender and Borrower, or between Lender and any Grantor, shall constitute a waiver of any of Lender's rights or of any of Borrower's or any Grantor's obligations as to any future transactions. Whenever the consent of Lender is required under this Agreement, the granting of such consent by Lender in any instance shall not constitute continuing consent to subsequent instances where such consent is required and in all cases such consent may be granted or withheld in the sole discretion of Lender.

Notices. Any notice required to be given under this Agreement shall be given in writing, and shall be effective when actually delivered, when actually received by telefacsimile (unless otherwise required by law), when deposited with a nationally recognized overnight courier, or, if mailed, when deposited in the United States mail, as first class, certified or registered mail postage prepaid, directed to the addresses shown near the beginning of this Agreement. Any party may change its address for notices under this Agreement by giving written notice to the other parties, specifying that the purpose of the notice is to change the party's address. For notice purposes, Borrower agrees to keep Lender informed at all times of Borrower's current address. Unless otherwise provided or required by law, if there is more than one Borrower, any notice given by Lender to any Borrower is deemed to be notice given to all Borrowers.

Severability. If a court of competent jurisdiction finds any provision of this Agreement to be illegal, invalid, or unenforceable as to any circumstance, that finding shall not make the offending provision illegal, invalid, or unenforceable as to any other circumstance. If feasible, the offending provision shall be considered modified so that it becomes legal, valid and enforceable. If the offending provision cannot be so modified, it shall be considered deleted from this Agreement. Unless otherwise required by law, the illegality, invalidity, or unenforceability of any provision of this Agreement shall not effect the legality, validity or enforceability of any other provision of this Agreement.

Subsidiaries and Affiliates of Borrower. To the extent the context of any provisions of this Agreement makes it appropriate, including without limitation any representation, warranty or covenant, the word "Borrower" as used in this Agreement shall include all of Borrower's subsidiaries and affiliates. Notwithstanding the foregoing however, under no circumstances shall this Agreement be construed to require Lender to make any Loan or other financial accommodation to any of Borrower's subsidiaries or affiliates.

Successors and Assigns. All covenants and agreements by or on behalf of Borrower contained in this Agreement or any Related Documents shall bind Borrower's successors and assigns and shall inure to the benefit of Lender and its successors and assigns. Borrower shall not, however, have the right to assign Borrower's rights under this Agreement or any interest therein, without the prior written consent of Lender.

Survival of Representations and Warranties. Borrower understands and agrees that in making the Loan, Lender is relying on all representations, warranties, and covenants made by Borrower in this Agreement or in any certificate or other instrument delivered by Borrower to Lender under this Agreement or the Related Documents. Borrower further agrees that regardless of any investigation made by Lender, all such representations, warranties and covenants will survive the making of the Loan and delivery to Lender of the Related Documents, shall be continuing in nature, and shall remain in full force and effect until such time as Borrower's indebtedness shall be paid in full, or until this Agreement shall be terminated in the manner provided above, whichever is the last to occur.

Time is of the Essence. Time is of the essence in the performance of this Agreement.

Waive Jury. All parties to this Agreement hereby waive the right to any jury trial in any action, proceeding, or counterclaim brought by any party against any other party.

DEFINITIONS. The following capitalized words and terms shall have the following meanings when used in this Agreement. Unless specifically stated to the contrary, all references to dollar amounts shall mean amounts in lawful money of the United States of America. Words and terms used in the singular shall include the plural, and the plural shall include the singular, as the context may require. Words and terms not otherwise defined in this Agreement shall have the meanings attributed to such terms in the Uniform Commercial Code. Accounting words and terms not otherwise defined in this Agreement shall have the meanings assigned to them in accordance with generally accepted accounting principles as in effect on the date of this Agreement:

Advance. The word "Advance" means a disbursement of Loan funds made, or to be made, to Borrower or on Borrower's behalf on a line of credit or multiple advance basis under the terms and conditions of this Agreement.

Agreement. The word "Agreement" means this Business Loan Agreement, as this Business Loan Agreement may be amended or modified from time to time, together with all exhibits and schedules attached to this Business Loan Agreement from time to time.

Borrower. The word "Borrower" means HC Waterwork, Inc. and includes all co-signers and co-makers signing the Note and all their successors and assigns.

Collateral. The word "Collateral" means all property and assets granted as collateral security for a Loan, whether real or personal property, whether granted directly or indirectly, whether granted now or in the future, and whether granted in the form of a security interest, mortgage, collateral mortgage, deed of trust, assignment, pledge, crop pledge, chattel mortgage, collateral chattel mortgage, chattel trust, factor's lien, equipment trust, conditional sale, trust receipt, lien, charge, lien or title retention contract, lease or consignment intended as a security device, or any other security or lien interest whatsoever, whether created by law, contract, or otherwise.

Environmental Laws. The words "Environmental Laws" mean any and all state, federal and local statutes, regulations and ordinances relating to the protection of human health or the environment, including without limitation the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. Section 9601, et seq. ("CERCLA"), the Superfund Amendments and Reauthorization Act of 1986, Pub. L. No. 99-499 ("SARA"), the Hazardous Materials Transportation Act, 49 U.S.C. Section 1801, et seq., the Resource Conservation and Recovery Act, 42 U.S.C. Section 6901, et seq., or other applicable state or federal laws, rules, or regulations adopted pursuant thereto.

Event of Default. The words "Event of Default" mean any of the events of default set forth in this Agreement in the default section of this Agreement.

GAAP. The word "GAAP" means generally accepted accounting principles.

Grantor. The word "Grantor" means each and all of the persons or entities granting a Security Interest in any Collateral for the Loan, including without limitation all Borrowers granting such a Security Interest.

Guarantor. The word "Guarantor" means any guarantor, surety, or accommodation party of any or all of the Loan.

Guaranty. The word "Guaranty" means the guaranty from Guarantor to Lender, including without limitation a guaranty of all or part of the Note.

Hazardous Substances. The words "Hazardous Substances" mean materials that, because of their quantity, concentration or physical, chemical or infectious characteristics, may cause or pose a present or potential hazard to human health or the environment when improperly used, treated, stored, disposed of, generated, manufactured, transported or otherwise handled. The words "Hazardous Substances" are used in their very broadest sense and include without limitation any and all hazardous or toxic substances, materials or waste as defined by or listed under the Environmental Laws. The term "Hazardous Substances" also includes, without limitation, petroleum and petroleum by-products or any fraction thereof and asbestos.

Indebtedness. The word "Indebtedness" means the indebtedness evidenced by the Note or Related Documents, including all principal and interest together with all other indebtedness and costs and expenses for which Borrower is responsible under this Agreement or under any of the Related Documents.

Lender. The word "Lender" means The Bank of Tampa, its successors and assigns.

Loan. The word "Loan" means any and all loans and financial accommodations from Lender to Borrower whether now or hereafter existing, and however evidenced, including without limitation those loans and financial accommodations described herein or described on any exhibit or schedule attached to this Agreement from time to time.

Note. The word "Note" means the Note dated March 28, 2019 and executed by HC Waterwork, Inc. in the principal amount of \$2,078,109.89, together with all renewals of, extensions of, modifications of, refinancings of, consolidations of, and substitutions for the note or credit agreement.

Permitted Liens. The words "Permitted Liens" mean (1) liens and security interests securing Indebtedness owed by Borrower to Lender; (2) liens for taxes, assessments, or similar charges either not yet due or being contested in good faith; (3) liens of materialmen, mechanics, warehousemen, or carriers, or other like liens arising in the ordinary course of business and securing obligations which are not yet delinquent; (4) purchase money liens or purchase money security interests upon or in any property acquired or held by Borrower in the ordinary course of business to secure indebtedness outstanding on the date of this Agreement or permitted to be incurred under the paragraph of this Agreement titled "Indebtedness and Liens"; (5) liens and security interests which, as of the date of this Agreement, have been disclosed to and approved by the Lender in writing; and (6) those liens and security interests which in the aggregate constitute an immaterial and insignificant monetary amount with respect to the net value of Borrower's assets.

Related Documents. The words "Related Documents" mean all promissory notes, credit agreements, loan agreements, environmental agreements, guaranties, security agreements, mortgages, deeds of trust, security deeds, collateral mortgages, and all other instruments, agreements and documents, whether now or hereafter existing, executed in connection with the Loan.


Security Agreement. The words "Security Agreement" mean and include without limitation any agreements, promises, covenants, arrangements, understandings or other agreements, whether created by law, contract, or otherwise, evidencing, governing, representing, or creating a Security Interest.

Security Interest. The words "Security Interest" mean, without limitation, any and all types of collateral security, present and future, whether in the form of a lien, charge, encumbrance, mortgage, deed of trust, security deed, assignment, pledge, crop pledge, chattel mortgage, collateral chattel mortgage, chattel trust, factor's lien, equipment trust, conditional sale, trust receipt, lien or title retention contract, lease or consignment intended as a security device, or any other security or lien interest whatsoever whether created by law, contract, or otherwise.

BORROWER ACKNOWLEDGES HAVING READ ALL THE PROVISIONS OF THIS BUSINESS LOAN AGREEMENT AND BORROWER AGREES TO ITS TERMS. THIS BUSINESS LOAN AGREEMENT IS DATED MARCH 28, 2019.

BORROWER:

HC WATERWORK, INC.

By: 
Gary A. Deremer, President/Director of HC
Waterwork, Inc.

LENDER:

THE BANK OF TAMPA

By: 
Authorized Signer

Invoice



Page 1/1
Invoice 0000171816
Date 1/31/2019

SUNSHINE STATE ONE CALL OF FLORIDA INC
11 PLANTATION ROAD
DEBARY FL 32713

FEIN #: 65-0445791
Phone: (386) 575-2000 FAX: (386) 575-2037

Email: AR@SUNSHINE811.COM

Bill To: HC WATERWORKS INC
JOSEPH GABAY
4939 CROSS BAYOU BLVD
LAKE JOSEPHINE
NEW PORT RICHEY FL 34652

Purchase Order No.		Customer ID		Payment Terms		Master No.	
2461		AU1915		Net 30		121,945	
Ordered	Shipped	Item Number	Description	Unit Price	Ext. Price		
1	1	MA2018	Monthly Assessment Billing FY2018-2019 For detailed ticket data go to www.online811.com and select Reports to download a complete list of tickets.	\$20.28	\$20.28		
8	8	AU1915-MIA	Tickets Included in Monthly Assessment Tickets Transmitted from 01/01/2019 thru 01/31/2019	\$0.00	\$0.00		
8	8	AU1915-MIL	Positive Response System Late Notice	\$0.00	\$0.00		

Subtotal \$20.28
Misc \$0.00
Tax \$0.00
Freight \$0.00
Total \$20.28

Entered: [Signature]

COA Code: 6075

Approved: [Signature] 2-14-19

Paid: _____

Date: _____

U.S. Water[®]

Services Corporation

Water and Wastewater Utility Operations, Maintenance, Engineering, Management,
Construction

REQUEST FOR CHECK

TO: Florida Department of Environmental Protection

AMOUNT: \$1,000.00

FOR: Permit Fee

Date: 2/12/2019

JOB#: HC Waterworks, Inc. – Leisure Lakes WWTF (Permitting) 704-4.01

ACCOUNT CODE: 5030.1

PREPARED BY: Keith Keegan, P.E.

APPROVAL:

✓ *Max Kuhn*
MO KADER

2/12/19

Q
2-12-19



WASTE CONNECTIONS OF FLORIDA
SEBRING HAULING
5151 KENILWORTH BOULEVARD
SEBRING FL 33870-4627
DISTRICT NO. 6437

Page 1

ACCOUNT NO. 6437-003070
INVOICE NO. 53075
STATEMENT DATE 01/25/19
DUE DATE Upon Receipt

HC WATERWORKS INC.
4939 CROSS BAYOU BLVD
NEW PORT RICHEY FL 34652

FOR ASSISTANCE
Customer Service (863) 655-0005
Fax (863) 655-0009
One Time Payments (855) 569-2719

INVOICE STATEMENT

Date	Description	Amount
	Service Location	
	Acct #003070-0001	
	JOE GABAY	
	1949 CANARY WAY SEBRING, FL	
01/25/19	BASIC SERVICE CHARGE	1.00 2.00YD \$ 114.00
	2/1/2019-2/28/2019	
	Invoice Total	\$ 114.00
	Account Balance	\$ 114.00

This invoice is scheduled for automatic payment according to your instructions on our on-line bill pay site at <https://www.wcicustomer.com>.

****To avoid late fees, payment must be posted to your account within 30 days of your invoice date.****

Bank returned checks will be electronically re-presented to your bank
and you may be responsible for a resulting processing fee.

Entered: _____
COA Code: 6715
Approved: 80 82-7-15
Paid: _____

Please remit to the address below and return your remit stub with your payment
or look on the reverse side to learn about on-line bill pay.



WASTE CONNECTIONS OF FLORIDA
SEBRING HAULING
5151 KENILWORTH BOULEVARD
SEBRING FL 33870-4627

MB 01 008209 32186 B 27 A



HC WATERWORKS INC.
4939 CROSS BAYOU BLVD
NEW PORT RICHEY FL 34652-3434

ACCOUNT NO. 6437-003070
INVOICE NO. 53075
STATEMENT DATE 01/25/19
DUE DATE Upon Receipt
PAY THIS AMOUNT \$114.00

WRITE IN
AMOUNT
PAID

\$

☐ TO CHANGE ADDRESS
Check here and complete the
information on the reverse side.

MAIL PAYMENT TO:

WASTE CONNECTIONS OF FLORIDA
P.O. BOX 742695
CINCINNATI OH 45274-2695



6437 000000000000-0030709 000001140000053075 5



Florida Department of Environmental Protection

Bureau of Finance & Accounting

PO Box 3070

Tallahassee, FL 32315-3070

Drinking Water Annual Operating License Fee

July 1, 2018 through June 30, 2019

INVOICE

<https://floridadep.gov>

INVOICE NO: 057741

DATE: 7/16/2018

Subject: Drinking Water Invoice 2018-2019

TRENDELL@USWATERCORP.NET

TROY RENDELL

US WATER CORP

4939 CROSS BAYOU BLVD.

NEW PORT RICHEY, FL 34652

Entered: 8/8

COA Code: 675

Approved: C 7-11-18

Paid: _____

Date: _____

Accounting Information

Object Code : 002216

Org code: 37 35 40 60 000

Expansion Option: TA

FLAIR Code: 37202526001373504000000020000

PWS # 6280162

PWS #

SYSTEM NAME

INVOICE AMOUNT

6280162

LAKE JOSEPHINE HEIGHTS

\$1,000.00

Invoice amount represents only current year fee assessment.

HC

This fee is assessed pursuant to Rule 62-4.053, Florida Administrative Code, and is **DUE August 31, 2018**. A copy of the rule may be found at <https://www.flrules.org/gateway/ChapterHome.asp?Chapter=62-4>.

Payments can be made by check or money order by mail, or by credit card online.

To pay online, visit <https://www.fldepportal.com/go/pay-invoices> and select 'Drinking Water Annual Operating License Fees'.

Follow the instructions to register or login.

If you represent a municipality (city/county government) or entity thereof, you may be eligible for a reduction or waiver of permit processing fees pursuant to Section 218.075, Florida Statutes. To obtain the most 'current' guidance for submitting a fee waiver request please register or login to the DEP Business Portal at the web link above.

If you have any questions about this fee, payment, or fee waiver eligibility please e-mail Bruce.Nickerson@dep.state.fl.us or call (850) 245-8481.

Please Detach This Portion Of The Invoice And Return With Your Payment.
For Multiple Systems, Please Include The Remittance For Each Invoice.

Make Payments Payable To:

Florida Department Of Environmental Protection
Bureau Of Finance And Accounting
PO Box 3070
Tallahassee, FL 32315-3070

INVOICE NO: 057741

DATE: 7/16/2018

Pay Online at:

<https://www.fldepportal.com/go/pay-invoices>

PWS #

SYSTEM NAME

INVOICE AMOUNT

REMIT AMOUNT

6280162

LAKE JOSEPHINE HEIGHTS

\$1,000.00

\$

Accounting Information

Object Code : 002216

Org code: 37 35 40 60 000

Expansion Option: TA

FLAIR Code: 37202526001373504000000020000

PWS # 6280162



Florida Department of Environmental Protection

Bureau of Finance & Accounting

PO Box 3070

Tallahassee, FL 32315-3070

Drinking Water Annual Operating License Fee

July 1, 2018 through June 30, 2019

INVOICE

<https://floridadep.gov>

INVOICE NO: 058185

DATE: 7/16/2018

Subject: Drinking Water Invoice 2018-2019

TRENDELL@USWATERCORP.NET

TROY RENDELL
US WATER CORP
4939 CROSS BAYOU BLVD.
NEW PORT RICHEY, FL 34652

Entered:

COA Code:

Approved:

Paid:

Date:

Accounting Information

Object Code : 002216

Org code: 37 35 40 60 000

Expansion Option: TA

FLAIR Code: 37202526001373504000000020000

PWS # 6280064

PWS #

SYSTEM NAME

INVOICE AMOUNT

6280064

LEISURE LAKES

\$500.00

Invoice amount represents only current year fee assessment.

HIC

This fee is assessed pursuant to Rule 62-4.053, Florida Administrative Code, and is **DUE August 31, 2018**. A copy of the rule may be found at <https://www.flrules.org/gateway/ChapterHome.asp?Chapter=62-4>.

Payments can be made by check or money order by mail, or by credit card online.

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If you have any questions about this fee, payment, or fee waiver eligibility please e-mail Bruce.Nickerson@dep.state.fl.us or call (850) 245-8481.

Please Detach This Portion Of The Invoice And Return With Your Payment.

For Multiple Systems, Please Include The Remittance For Each Invoice.

INVOICE NO: 058185

DATE: 7/16/2018

Make Payments Payable To:

Florida Department Of Environmental Protection
Bureau Of Finance And Accounting
PO Box 3070
Tallahassee, FL 32315-3070

Pay Online at:

<https://www.fldepportal.com/go/pay-invoices>

PWS #

SYSTEM NAME

INVOICE AMOUNT

REMIT AMOUNT

6280064

LEISURE LAKES

\$500.00

\$

Accounting Information

Object Code : 002216

Org code: 37 35 40 60 000

Expansion Option: TA

FLAIR Code: 37202526001373504000000020000

PWS # 6280064



Florida Department of Environmental Protection

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@dep.state.fl.us

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Ryan E. Matthews
Interim Secretary

May 19, 2017

Gary Deremer, President
HC Water Works, Inc
4939 Cross Bayou BLVD
New Port Richey, FL 34652
Email: gderemer@uswatercorp.net

Re: Highlands County – PW
Warning Letter
Lake Josephine Heights WTP
Facility ID No. 6280162

Dear Mr. Deremer:

A Sanitary Survey inspection was conducted at your facility on April 20, 2017. During and following this inspection, possible violations of Chapter 403, F.S., Chapter 62-550, Florida Administrative Code (F.A.C.), and Chapter 62-555, F.A.C. were observed.

During and following the inspection Department personnel noted the following:

- Manganese dioxide from the Adedge filters enter the distribution system turning the potable water brown.

Violations of Florida Statutes or administrative rules may result in liability for damages and restoration, and the judicial imposition of civil penalties, pursuant to Sections 403.860, Florida Statutes

Please contact Ryan Snyder, at (239) 344-5695, within **15 days** of receipt of this Warning Letter to arrange a meeting to discuss this matter. The Department is interested in receiving any facts you may have that will assist in determining whether any violations have occurred. You may bring anyone with you to the meeting that you feel could help resolve this matter.

Please be advised that this Warning Letter is part of an agency investigation, preliminary to agency action in accordance with Section 120.57(5), Florida Statutes. We look forward to your cooperation in completing the investigation and resolving this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Jon M. Iglehart".

Jon M. Iglehart
Director of District Management

cc: Ron Derossett: rderossett@uswatercorp.net

**BASIC SURVEY INFORMATION**Water System Name: Lake Josephine HeightsDate(s) Surveyed: 04/20/17Survey Inspector(s): Narrisa Pannell and Tim SchwanPerson(s) Contacted: Dustin Williams (772)812-1610**CONTACT INFORMATION**PWS ID: 6280162System (Office) Address: 1949 Canary Way, Sebring, FL 33875Phone: (863)465-0552

Cell: _____

Email/Fax: _____

OWNEROwner Name: Ron DerossettTitle: OwnerAddress: 4939 Cross Bayou Blvd.City: New Port RicheyState: FLZip: 34652Owner Phone: (727)848-8292Cell: (904)540-9765Email/Fax: rderossett@uswatercorp.net**OPERATOR**Operator Name: Dustin WilliamsLead Operator Class & Certification Number: D22520

Address: _____

City: _____

State: FL

Zip: _____

Phone: (772)812-1610

Cell: _____

Email or Fax: dwilliams@uswatercorp.net**SYSTEM CHARACTERISTICS SUMMARY****TREATMENT SOURCE**Ground ☒ Surface ☐ Name of Surface Source(s): _____

(check boxes for treatment used)

Number of Plants: 1

☒ Aeration☐ Coagulation☒ Disinfection☒ Filtration☐ Flocculation☒ Membrane☐ Softening☐ Stabilization☐ Corrosion Control

N/A

SERVICE AREA CHARACTERISTICS SUMMARY

Total service connections: 536 Population served: 1,250 Survey area characteristics: Subdivision/Community

TOTAL SYSTEM CAPACITY AND DEMAND**CAPACITY DATA**System Design: 60,000 GPDPrimary Limiting Factor: Membrane mediaHigh Service Pumps: 250 GPMRoutinely utilized interconnections? ☒ Yes ☐ NoMax: 287,000 GPD
GPD25% Max: 71,750 GPDIf routinely used, what is hydraulic capacity? UNK GPD143,723 Average: GPDLast survey max 161,000:

Max daily demand is less than 75% of design capacity?

☒ Yes ☐ No

Comment: _____

Storage capacity more than 25% of max daily demand?

☒ Yes ☐ No

Comment: _____

Firm capacity more than average (avg) daily demand?

☒ Yes ☐ No

Comment: _____

Standby/avg power capacity more than avg daily demand?

☒ Yes ☐ NoStandby power capacity: 60,000 GPD

N/A



TREATMENT			
Chemical storage appear to be compliant? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Facilities & chemicals properly labeled? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Are all chemical feed systems tied to flow? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Corrosive vapors properly controlled? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Are dusty and dry chemicals and feed equipment housed separately? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
INJECTION POINTS	Location	Chemical	Purpose
	Lake Josephine Heights	Sodium hypochlorite	Filter aid, disinfection
	Sebring Lakes	Sodium hypochlorite	Filter aid, disinfection
Comments	NSF/ANSI? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
	NSF/ANSI? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Sebring Lakes is being utilized as a back-up well.			

DISINFECTION			
Plant name	Lake Josephine Heights	Sebring Lakes	
Type (gas/hypo/chloramination)	Hypo	Hypo	
Condition of Equipment	Good	Good	
Feed Rate (PPD, GPD)	55 GPD	55 GPD	
Manual or flow paced?	Flow	Flow	
Alarm testing frequency?	N	N	
Chlorine loss alarm functional?	N/A	N/A	
GAS CHLORINATION	150 lb or Ton Cylinders?	N/A	N/A
	Automatic Switchover? (>10 PPD)	N/A	N/A
	Scale compliant?	N/A	N/A
	Chlorine feed rate?	N/A	N/A
	Cylinders restrained?	N/A	N/A
	Ammonia bottle onsite?	N/A	N/A
	Wrench in-place?	N/A	N/A
	Panic hardware provided?	N/A	N/A
	Storage & feed isolated?	N/A	N/A
	Ventilation Compliant?	N/A	N/A
	Vent switch on exterior?	N/A	N/A
	Leak containment?	N/A	N/A
	Leak detection & fix kit? (>1 ton)	N/A	N/A
	HYPOCHLORINATION	Typed used (sodium or calcium)	Sodium
Type of Feeder:		Peristaltic	Peristaltic
Solution strength		12.5%	12.5%
Solution tank compliant?		Y	Y
Adequate spill containment?		Y	Y
CHLORAMINATION	Chlorine to ammonia ratio?	N/A	N/A
	Ammonia flow-paced?	N/A	N/A
	Ammonia after chlorine?	N/A	N/A
	Free chlorine burn frequency?	N/A	N/A
Comments	N/A		



Sanitary Survey Form

Page 3

TREATMENT (Page 2)

DISINFECTANT RESIDUALS	Location of sampling (POE Plant 1, East Remote,	Lake Josephine POE	Remote corner of Knight Ave & Tangelo St.			
	What test kit was used for the sampling?	PW-2	PW-2			
	Time sample was collected?	11:05 am	11:37 am			
	Result? (note whether free or total)	5.7 mg/L Total	1.9 mg/L Total			
	Sampler Name? (if other than lead inspector)	Tim Schwan	Tim Schwan			
4 LOG	Are disinfectant residuals tested in the distribution system as established by rule? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
	Comm The facility reported issues regarding color, odor, and particulate material in the potable water during the inspection.					
AERATION	Are injection points located in positions indicated in approved 4-log demonstration? <input type="checkbox"/> Yes <input type="checkbox"/> No					
	Are the minimum tank levels specified in approved 4-log demonstration maintained? <input type="checkbox"/> Yes <input type="checkbox"/> No					
STABILIZATION	Continuous monitoring required? <input type="checkbox"/> Yes <input type="checkbox"/> No If so, are analyzers used? <input type="checkbox"/> Yes <input type="checkbox"/> No Analyzers calibrated? <input type="checkbox"/> Yes <input type="checkbox"/> No					
	Comm N/A					
FEM/IN REMOVAL	Why is aeration used? Remove Hydrogen sulfide					
	Type of aeration Tray Screening intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Mesh size #24? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
ACTIVATED CARBON	Aerator adequately protected from contaminants (covered, located properly)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
	Comm N/A					
SOFTENING	Why is stabilization practiced?					
	What chemicals are being used:					
FLUORIDATION	Comm N/A					
	What treatment process is used?					
ION EXCHANGE	What chemicals are used?					
	Comm N/A					
	Why is activated carbon used?					
	GAC types used					
	PAC stored properly? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A GAC backwash compliant? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A					
	What testing is performed to determine effectiveness of activated carbon?					
	Comm N/A					
	Why is softening being used?					
	Comm N/A					
	Proper fluoride concentration in distribution? <input type="checkbox"/> Yes <input type="checkbox"/> No					
	Are the fluoride concentrations consistent? <input type="checkbox"/> Yes <input type="checkbox"/> No Safety considerations compliant? <input type="checkbox"/> Yes <input type="checkbox"/> No					
	Comm N/A					
	Why is ion exchange used?					
	Comm N/A					



TREATMENT (PAGE 3)

CONVENTIONAL TREATMENT

List the type and combination of coagulants: _____

List the types of coagulant aids being used: _____

List flocculation facilities that are being used: _____

Rapid mix unit adequate? ☐ Yes ☐ No Flocculation adequate? ☐ Yes ☐ No

Flocculation detention time? _____

Comme
N/ATypes of filtration utilized: ☐ Gravity ☒ Pressure ☐ Constant ☐ Declining rate Other: H2S removal filtersTypes of media installed: ☐ Mono ☐ Dual ☐ Multi ☒ Other: Manganese oxideFiltration and related equipment operated properly and in good repair? ☒ Yes ☐ NoAre mud balls / cracks prevented? ☐ Yes ☐ NoFilter gallery piping in good condition? ☒ Yes ☐ No Color coded? ☒ Yes ☐ NoFilter gallery floor drained? ☐ Yes ☐ NoWhat initiates a backwash? Gallons of flow

Backwash flow rate: _____

Is re-wash (filter-to-waste) capability available? ☒ Yes ☐ NoIf so, it is used? ☒ Yes ☐ NoMeters calibrated and/or checked for accuracy? ☐ Yes ☐ No

How often? _____

Are the disinfection byproduct precursor removal requirements of the Stage 1 Disinfectants/Disinfection Byproducts Rule being met? ☐ Yes ☐ NoSystem required to prepare disinfection profile? ☐ Yes ☒ NoProfile available for review? ☐ Yes ☐ NoAny individual filter excursions occurred in past? ☒ Yes ☐ NoIf so, actions taken: Changed backwash cycle and disposal method.Comme
N/A

What are the shortest & average times between filter replacements?

Comme
N/A

MEMBRANES

Type of membrane(s) used: _____

Safeguards in place to warn of membrane failure? ☐ Yes ☐ No

Type of pre-treatment used: _____

Date of membrane installation: _____

Fouling rate of membranes? _____

Expected life of membranes: _____

What's the percent recovery? _____

Operating pressure: _____

Comm
N/A

SEDIMENTATION

Types of sedimentation/clarification process & facilities being used? _____

Flow distributed evenly to basins? ☐ Yes ☐ NoMechanical equipment working? ☐ Yes ☐ No

Settled water turbidity? _____

Indication of excess sludge in basin(s)? ☐ Yes ☐ No

How often is sludge removed? _____

Comm
N/A

RO

Types of sedimentation/clarification process & facilities being used? _____

Where is treatment waste disposed? (i.e., RO concentrate, brine, etc.) _____

Frequency of cleaning and disposal of cleaning fluids and brines: _____

Comm
N/A

OZONE

Is the dose utilized currently adequate? ☐ Yes ☐ NoIs the equipment room kept clean and dry? ☐ Yes ☐ NoComm
N/A

**STORAGE FACILITIES**

Tank Name or Number	Hydro Tank 1	Canary Way Ground Storage 2	Ground Storage Tank 1				
Storage type (ground, elevated, hydro, etc.)	Hydropneumatic	Ground	Ground				
Tank material (steel, concrete, etc.)	Steel	Steel	Steel				
Tank size (Gallons)	10,000	71,000	15,000				
COMPONENTS INSPECT CONTROLS	Watertight roof/hatch?	Y	Y	y			
	Venting/screens compliant?	Y	Y	Y			
	Overflow compliant?	Y	Y	Y			
	Level/PSI indicator compliant?	Y	N/A	Y			
	Drain & bypass installed?	Y	Y	Y			
	Interior coating meet NSF?	Y	Y	Y			
	Date of last annual inspection	2017/04	2017/04	2017/04			
	Year of last 5 year inspection	2016/10	2016/10	2016/10			
	Year of last 5 year washout	2016/10	2016/10	2016/10			
	On/Off pressure (PSI) settings	40/69	40/69	40/69			
Altitude valves present? (elevated)	N/A	N/A	N/A				
Adequate turnover provided?	Y	Y	Y				
How are tanks levels controlled	<input type="checkbox"/> Manually <input checked="" type="checkbox"/> Auto onsite <input type="checkbox"/> SCADA	<input type="checkbox"/> Manually <input checked="" type="checkbox"/> Auto onsite <input type="checkbox"/> SCADA	<input type="checkbox"/> Manually <input checked="" type="checkbox"/> Auto onsite <input type="checkbox"/> SCADA	<input type="checkbox"/> Manually <input type="checkbox"/> Auto onsite <input type="checkbox"/> SCADA	<input type="checkbox"/> Manually <input type="checkbox"/> Auto onsite <input type="checkbox"/> SCADA	<input type="checkbox"/> Manually <input type="checkbox"/> Auto onsite <input type="checkbox"/> SCADA	<input type="checkbox"/> Manually <input type="checkbox"/> Auto onsite <input type="checkbox"/> SCADA
Comment	Well # 2 was offline due to road construction. It is being used as a back-up well.						

MONITORING, REPORTING, & DATA VERIFICATION

PLANS SOP PARAMETERS	Written available required monitoring plans? <input checked="" type="checkbox"/> Bacteriological <input type="checkbox"/> DBP <input type="checkbox"/> Pb/Cu and WQP <input type="checkbox"/> Other: _____								
	Monitoring program maintained and followed per rule? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Records retention compliant? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								
	Is testing required monitoring equipment compliant? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Are the reagents in date? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								
	Proper procedures for calibrating monitor equipment? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Are records maintained per the FDEP <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								
	Parameters currently monitored: <input checked="" type="checkbox"/> Chlorine <input type="checkbox"/> pH <input type="checkbox"/> F <input type="checkbox"/> PO4 <input type="checkbox"/> Fe <input type="checkbox"/> H2S <input type="checkbox"/> Turbidity <input type="checkbox"/> Other: _____								
Any monitoring & reporting, treatment techniques, or MCL problems? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No									
PARAMETERS	<table border="1"> <thead> <tr> <th>Violation</th> <th>Follow-up Date</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Violation	Follow-up Date						
	Violation	Follow-up Date							
Comment	N/A								

OPERATOR STAFFING REQUIREMENTS

PLANT DISTRIBUTION	Plant Category/Class: <u>5 C</u> Lead operator class compliant? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Number of plant operators: <u>5</u>
	Treatment O&M log type: <u>Bound journal</u> Approved for reduced staffing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	Distribution category: <u>Level 3</u>
	Distribution O&M log type: <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Approved Electronic <input type="checkbox"/> In Plant Log Book Is the log compliant? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are all licenses valid? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA Does staffing meet requirements of 62-699, FAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Comment	N/A

**SYSTEM MANAGEMENT AND OPERATION**

ADMIN	Formal Org Chart: <input checked="" type="checkbox"/> Available <input type="checkbox"/> Not available	Is there a Capital Improvement Plan or plan for system sustainability?: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	Comment	N/A			
INFO MANAGE	Are financial, operational data, and maintenance records maintained? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
	Comment	Are main breaks reported and recorded <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Are boil water notices issued when applicable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
ERP	Emergency response plan on-file? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
	Comment	Compliant security in place (e.g. wells, plants, storage, pumps, etc.)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No N/A			
PMS & SOPs	Preventative Maintenance Program in place? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
	Comment	Are written SOPs and O&M Manuals for: <input checked="" type="checkbox"/> Flushing <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Plants <input checked="" type="checkbox"/> Clearances <input checked="" type="checkbox"/> New Line Installations N/A			
ENGINEERING	Maps Include: <input checked="" type="checkbox"/> Lines (all) <input checked="" type="checkbox"/> Valves <input checked="" type="checkbox"/> Flush/Fire Hydrants <input type="checkbox"/> Storage/Booster Pumps <input checked="" type="checkbox"/> Interconnections <input checked="" type="checkbox"/> Line Size <input checked="" type="checkbox"/> Line Material <input type="checkbox"/> Updates <input checked="" type="checkbox"/> Air relief/Blow-off Valves <input type="checkbox"/> Complaints				
	Comment				
CROSS CONNECTION CONTROL	Does the system have and implement a written cross connection control program? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA				
	Has the cross connection control annual report been submitted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA				
	Do any of the past three years of annual reports indicate any deficiencies? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA				
	Are there any cross connections observed onsite or in the distribution system? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
Comment	N/A				
PERSONNEL	Is continuous training provided? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
	Comment	Does the system appear to have adequate staff to maintain compliance? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No N/A			
STANDBY POWER	Switchover: <input checked="" type="checkbox"/> Automatic <input type="checkbox"/> Manual Capacity of Standby Power Source: <u>125 kW</u> Hrs Operated Under Load: <u>.5h/wk</u>				
	Is stand-by equipment exercised at least monthly? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
	Satisfy average daily demand? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				
	What equipment does it operate? <input checked="" type="checkbox"/> Well Pumps <input checked="" type="checkbox"/> High Service Pumps <input checked="" type="checkbox"/> Treatment Equipment Audio-visual alarm? <input type="checkbox"/> Yes <input type="checkbox"/> No				
Comment					

DETERMINATIONSAreas of Concern Noted? ☒ Yes ☐ No

Areas of Concern	Rule	Corrective Action	Date Corrected	Significant Deficiency?
Complaints received of color in the potable water. Utility confirmed that it came from resin from the filters ending up in the distribution system	62-555.350(2), F.A.C.	Contact the Department to set up a meeting to discuss corrective action measures.		

Technical assistance providers recommended? ☐ Yes ☐ No

SUMMARY OF DEFICIENCIES AND RECOMMENDATIONS FOR TECHNICAL ASSISTANCE.

1. The Department has received approximately 40 complaints from 2015-2017 regarding color, odor (hydrogen sulfide), water pressure (including pressure loss or low pressure because of watermain breaks), and high amounts of chlorine at times. More recently, the Department has received complaints on May 5th, 2017 of brown water staining clothes, toilets, inside dish washers, and dishes. The complainants also stated that this has been going on for approximately two weeks. They did state that the utility has provided iron out to the customers to remove the color from their clothes and fixtures. Department staff called Ron Derossett (Utility Manager) on May 5th, 2017 to discuss the complaints. Ron stated that the Sebring Lakes plant was the cause of the color and that the plant is currently only being used if the pressure in the distribution system falls below 30 psi. He stated that the Sebring Lakes plant turned on and discharged media (manganese dioxide) that is contained within the Adedge filters into the distribution system. Ron stated that the filters have now been bypassed to prevent this from happening in the future. The Department is requesting a meeting with the utility to discuss the numerous complaints of water quality being provided to their customers. Rule 62-555.350(10)(b), Florida Administrative Code (F.A.C.) and Rule 62-555.350(2) F.A.C.

RECOMMENDATIONS

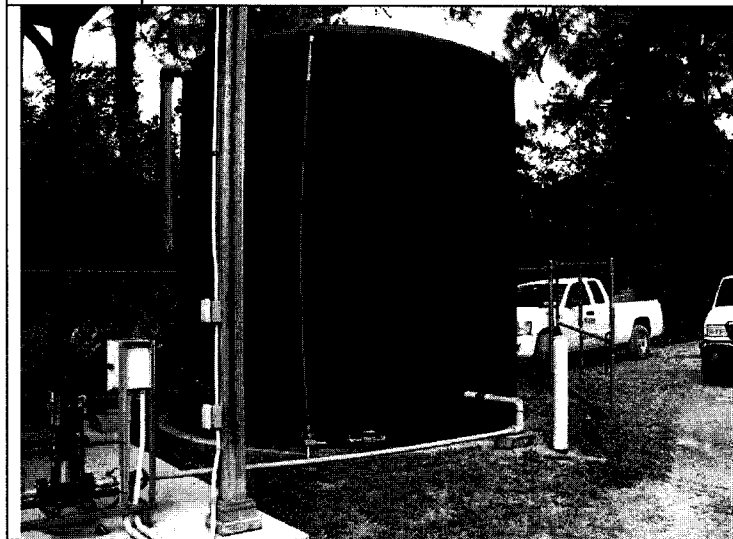
PHOTOS



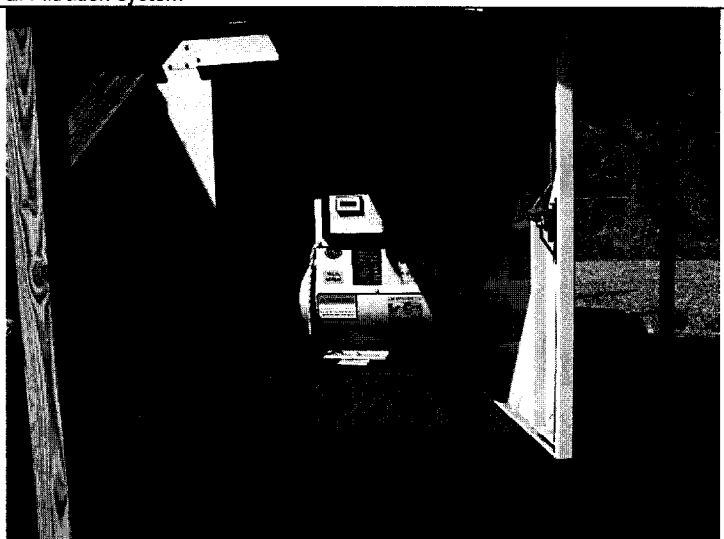
1. Lake Josephine GST 1



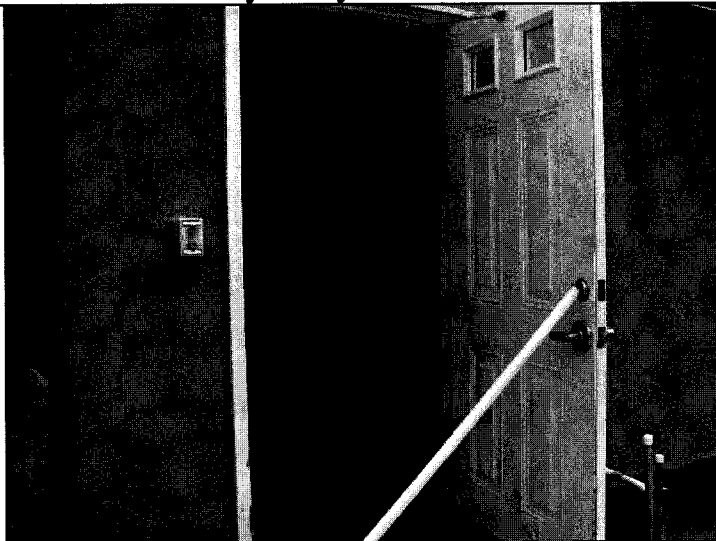
2. Filtration system



3. Backwash tank



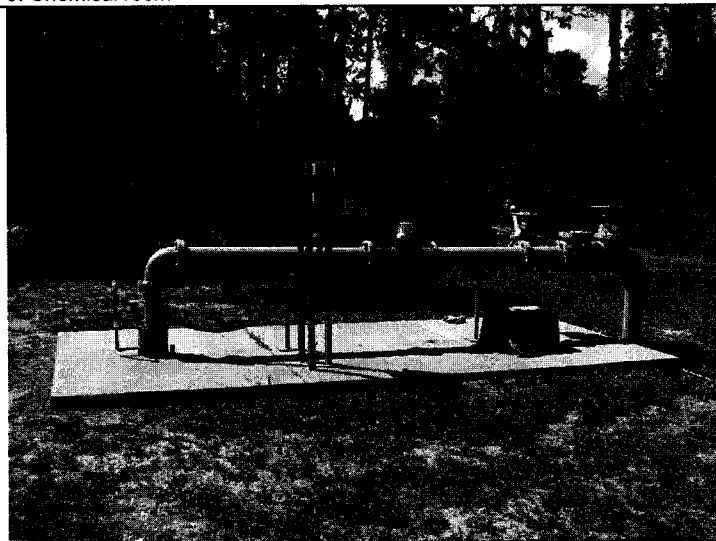
4. Generator



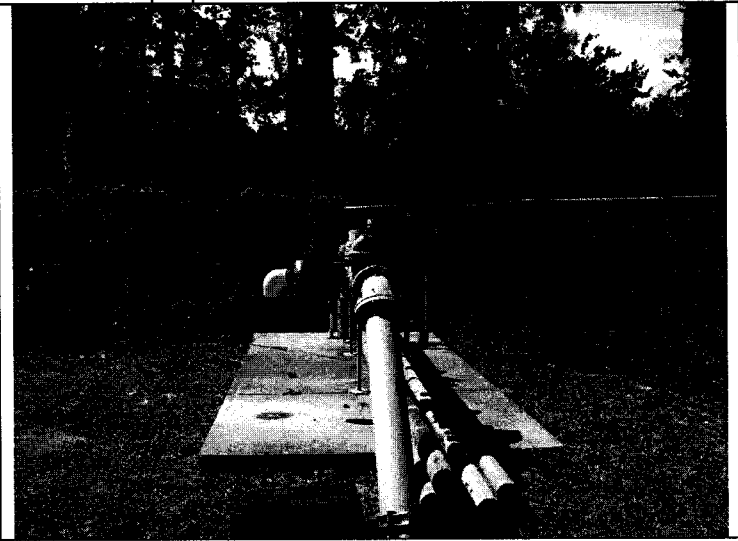
5. Chemical room



6. Disinfection pumps



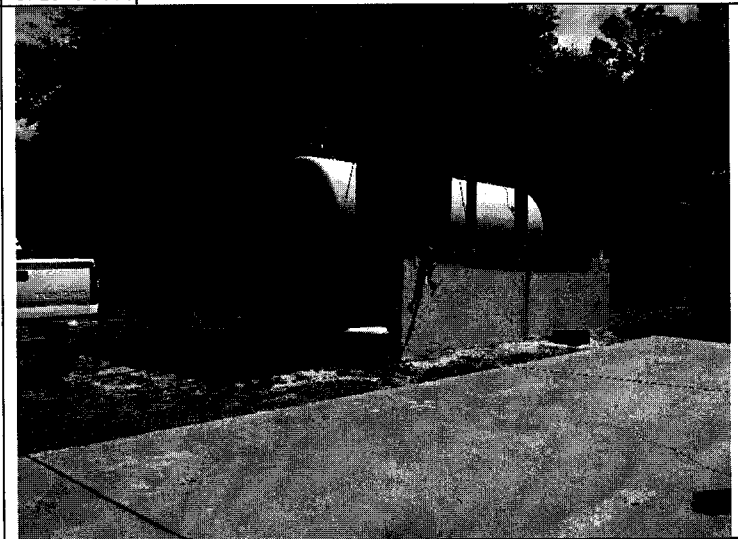
7. Lake Josephine Hts Well 1



8. Lake Josephine Hts Well 2



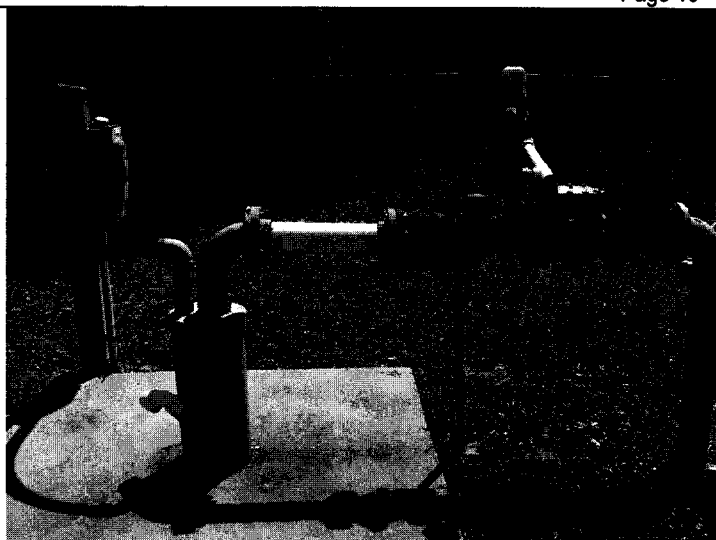
9. Back flow preventer



10. Sebring Lakes #1 Hydropneumatic tank



11. Sebring Lakes aeration tank, ground storage tank & generator



12. Sebring Lakes well

Inspector's Signature *Harris Parnell* Date: May 19, 2017

Reviewer's Signature *[Signature]* Date: 05/18/2017



Florida Department of Environmental Protection

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@dep.state.fl.us

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

January 18, 2018

Gary Deremer
4939 Cross Bayou Blvd.
New Port Richey, FL 34652
gderemer@uswatercorp.net

Re: Compliance Assistance Offer
Leisure Lakes
PWS I.D. Number: 6280064
Highlands County – PW

Dear Mr. Deremer:

A Sanitary Survey was conducted at your facility on 11/21/2017. During this inspection, potential non-compliance was noted. The purpose of this letter is to offer compliance assistance as a means of resolving these matters.

Specifically, potential non-compliance with the requirements of Chapter 403, Florida Statutes, and Chapters 62.555 Florida Administrative Code, were observed. Please see the attached inspection report for a full account of Department observations and recommendations.

We request you review the items of concern noted and respond in writing within **15 days** of receipt of this Compliance Assistance Offer. Your written response should include one of the following:

1. Describe what has been done to resolve the non-compliance issue or provide a schedule describing how/when the issues will be addressed (please see the Summary of Deficiencies and Recommendations For Technical Assistance as well as the Recommendations on page 4 of the inspection report under additional comments).
2. Provide the requested information, or information that mitigates the concerns or demonstrates them to be invalid, or
3. Arrange for the case manager to visit your facility to discuss the items of concern.

It is the Department's desire that you are able adequately address the aforementioned issues so that this matter can be closed. Your failure to respond promptly may result in the initiation of formal enforcement proceedings.

Please address your response and any questions to Andrew Price of the South District Office at 239-344-5621 or via e-mail at andrew.price@dep.state.fl.us. We look forward to your cooperation with this matter.

Sincerely,

A handwritten signature in black ink, reading "Jennifer L. Carpenter". The signature is written in a cursive style with a large, stylized "J" and "C".

Jennifer Carpenter
Assistant Director
South District
Florida Department of Environmental Protection

Enclosure: Inspection Report

cc: Ron DeRossett, Facility Contact rderossett@uswatercorp.net
 Dustin Williams, Operator dwilliams@uswatercorp.net

PWS ID # 6280064
 Survey Date 11/21/2017

GROUND WATER SOURCE

Well Number (PWS Identification)	1	2	
Well Name (System Identification)	# 1 Inside Well	# 2 Outside Well	
Year Drilled	1974	1975	
Depth Drilled	1,520	590	
Florida Well ID	AAH9357	AAH9358	
Static Water Level	UNK	UNK	
Normal Yield (if different than rated capacity)	UNK	UNK	
Length (outside casing)	485	492	
Diameter (outside casing)	8"	4"	
Material (outside casing)	UNK	UNK	
Is inundation of well possible?	UNK	UNK	
6' X 6' X 4" Concrete Pad	Y	Y	
PUMP	Type	Vert Turbine	Submersible
	Manufacturer Name	UNK	UNK
	Model Number	UNK	UNK
	Rated Capacity (gpm)	200	50
	Motor Horsepower	UNK	UNK
Well casing 12" above grade?	Y	Y	
Well Casing Sanitary Seal	Y	Y	
Raw Water Sampling Tap	Y	Y	
Above Ground Check Valve	Y	Y	
Fence/Housing	Y	Y	
Well Vent Protection	Y	Y	

COMMENTS _____

PWS ID # 6280064
Survey Date 11/21/2017

CHLORINATION (Disinfection)

Type: Sodium hypochlorite
Make UNK Capacity UNK
Chlorine Feed Rate 20 GPD
Avg. Amount of Cl₂ gas used N/A
Chlorine Residuals: Plant 4.2 Remote
Remote tap location: Sample not taken
DPD Test Kit: ☒ On-site ☒ With operator
☐ None ☐ Not Used Daily
Injection Points UNK
Comments

AERATION (Gases, Fe, & Mn Removal)

Type Capacity
Aerator Condition
Bloodworm Presence
Visible Algae Growth
Protective Screen Condition
Comments system uses adedge filters to remove hydrogen sulfides.

STORAGE FACILITIES

(B) Bladder (CW) Clearwell (C) Contact (E) Elevated
(G) Ground (H) Hydropneumatic (S.C.) See Comments

Tank Type/Number	GST2		
Capacity (gal)	50,000		
Material	Steel		
By-pass Piping	Y		
Gravity Drain	Y		
PRV/ARV	Y		
Protected Openings	Y		
Pressure Gauge	Y		
Sight Glass or Level Indicator	Y		
Fittings for Sight Glass	Y		
Access Padlocked	Y		
Last Inspection Date (for tanks with access manholes)	N/A		
On/Off Pressure	40/60		
Height to Bottom of Elevated Tank	UNK		
Height to Max. Water Level	UNK		

Comments

HIGH SERVICE PUMPS

Pump Number	1	2	
Type	Centrifugal	Centrifugal	
Make	UNK	UNK	
Model	UNK	UNK	
Capacity (gpm)	20	20	
Motor HP	15	15	
Date Installed	UNK	UNK	
Maintenance	UNK	UNK	

Comments

PWS ID # 6280064
Survey Date 11/21/2017

MONITORING VIOLATIONS	MCL VIOLATIONS
N/A	N/A

MONITORING COMMENTS:

N/A

DEFICIENCIES:

#	Deficiency	Rule Reference	Corrective Action	Severity	Corrected
1	Department received multiple odor and color complaints	Rule 62-555.350(2), Florida Administrative Code F.A.C.	The Department has received multiple complaints regarding occurrences of color and odor within the potable water. Please describe, in detail, what actions the facility has taken to resolve the color and odor complaints within the potable water. If the corrective actions entail system modifications, please provide a detailed timetable for the corrective actions to be completed.		

Any deficiency marked with an asterisk (*) is a repeat violation.

ADDITIONAL COMMENTS:

Inspector: Andrew Price

Andrew L Price

Approved by: *[Signature]*

 [Highlands County](#)

» [Code of Ordinances](#)

» [Code Of Ordinances](#)

» [Chapter 12. Land Development Regulations](#)

» [Article 14. Public Facility Standards](#)

» [Division 1. Potable Water Standards](#)

§ 12.14.104. Water storage capacity

Latest version.

A. All new development and redevelopment shall provide a total project water storage capacity (in combination with standby pumping capacity) of at least 50 percent of the maximum daily water system demand. Minimum water pressure for fire-flows shall be 20 pounds per square inch residual, with minimum flow capacity as follows:

1. **Residential:** 500 gallons per minute
2. **Commercial:** 750 gallons per minute
3. **Large commercial and industrial:** 1,000 gallons per minute

B. All new development or redevelopment shall meet or exceed the standards established herein unless lesser flows/capacities are demonstrated by the owner's engineer to be adequate to serve the project. Any reduced standards shall first be approved by the county engineer and fire marshal.

(Ord. No. 05-06-30, § 83)

Water Treatment Plant Data
Florida Public Service Commission

HC Waterworks, Inc.
 Docket No. 20190186-WS
 Historical Test Year Ending June 30, 2019
 Lake Josephine/Sebring Lakes - Interconnected:

Schedule: F-3 **REVISED**
 Page: 1 of 2
 Preparer: W T Rendell

Explanation: Provide the following information for each water treatment plant. If the system has water plants that are interconnected, the data for these plants may be combined. All flow data must be obtained from the monthly operating reports (MORs) sent to the Department of Environmental Protection.

Line No.	(1) Description	(2) Date	(3) GPD
1	Plant Capacity (Lake Josephine/Sebring Lakes):		
2	LJ - Well #1 - (350 gpm X 16 hrs X 60 min) per Rule 25-30.4325(6)(b), F.A.C.		336,000
3	LJ - Well #2 - (350 gpm X 16 hrs X 60 min) per Rule 25-30.4325(6)(b), F.A.C.		336,000
4	SL - Well #1 - (225 gpm X 16 hrs X 60 min) per Rule 25-30.4325(6)(b), F.A.C.		216,000
5	SL - Well #2 - (225 gpm X 16 hrs X 60 min) per Rule 25-30.4325(6)(b), F.A.C.		216,000
6	The hydraulic rated capacity. If different from that shown on the DEP operating or construction permit, provide an explanation. Lake Josephine WTP LIMITED TO 350 GPD DUE TO TREATMENT - DEP PERMIT Sebring Lakes WTP LIMITED TO 200 GPD DUE TO TREATMENT - ADEdge		
7	Firm Reliable Capacity - excluding largest well. (Rule 25-30.4325(6), Florida Administrative Code)		528,000
8	Maximum Day:	09/18/18	328,000
9	The single day with the highest pumpage rate for the test year. Explain, on a separate page,		
10	if fire flow, line-breaks or other unusual occurrences affected the flow this day.		
11	Five-Day Max Year:	Day	
12	The five days with the highest pumpage rate from any one month in the test year.	1 09/05/18	187,000
13	Provide an explanation if fire flow, line-breaks or other unusual occurrences affected the flows on these days.	2 09/07/18	192,000
		3 09/13/18	201,000
		4 09/18/18	326,000
		5 09/28/18	192,000
			<u>219,600</u>
14	Average Daily Flow		123,975
15	Required Fire Flow		750
16	The standards will be those as set by the Insurance Service Organization or by a		
17	governmental agency ordinance. Provide documents to support this calculation.		

Water Treatment Plant Data
Florida Public Service Commission

HC Waterworks, Inc.
Docket No. 20190166-WS
Historical Test Year Ending June 30, 2019
Leisure Lakes:

Schedule: F-3 REVISED
Page: 2 of 2
Preparer: W T Rendell

Explanation: Provide the following information for each water treatment plant. If the system has water plants that are interconnected, the data for these plants may be combined. All flow data must be obtained from the monthly operating reports (MORs) sent to the Department of Environmental Protection.

Line No.	(1) Description	(2) Date	(3) GPD
1	Plant Capacity (Leisure Lakes):		
2	Well #1 - (200 gpm X 16 hrs X 60 min) <i>per Rule 25-30.4325(6)(b), F.A.C.</i>		192,000
3	Well #2 - (50 gpm X 16 hrs X 60 min) <i>per Rule 25-30.4325(6)(b), F.A.C.</i>		48,000
4	The hydraulic rated capacity. If different from that shown on the DEP operating or construction permit, provide an explanation.		
5	Firm Reliable Capacity - excluding largest well. (Rule 25-30.4325(6), Florida Administrative Code)		48,000
6	Maximum Day:	09/01/19	87,500
7	The single day with the highest pumpage rate for the test year. Explain, on a separate page,	(also 09/02/2019)	
8	if fire flow, line-breaks or other unusual occurrences affected the flow this day.		
1	Five-Day Max Year:	Day	
2	The five days with the highest pumpage rate from any one month in the test year.	1 01/05/19	43,600
3	Provide an explanation if fire flow, line-breaks or other unusual occurrences affected the flows on these days.	2 01/06/19	43,700
		3 01/11/19	38,100
		4 01/12/19	38,700
		5 01/13/19	38,700
			<u>40,560</u>
4	Average Daily Flow		58,229
5	Required Fire Flow		750
6	The standards will be those as set by the Insurance Service Organization or by a		
7	governmental agency ordinance. Provide documents to support this calculation.		

**Used and Useful Calculations
Water Treatment Plant**

Florida Public Service Commission

HC Waterworks, Inc.
Docket No. 20190166-WS
Historical Test Year Ending June 30, 2019

Schedule: F-5
Page: 1 of 1
Preparer: W T Rendell

Revised

Explanation: Provide all calculations, analyses and governmental requirements used to determine the used and useful percentages for the water treatment plant(s) for the historical test year and the projected test year (if applicable).

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Lake Josephine/Sebring Lakes water treatment system												
	Storage	Multiple Wells	Max Day (GPD)	Growth Factor	Excess Unaccounted for Water (GPM)	Fire Flow (GPD)	Peak Demand for Systems with Storage (GPD)	Maximum Supply Well (GPD)	Total Well Capacity (GPD)	Firm Reliable Capacity for Systems Storage (GPM)	Wells U&U Calculated	Permanent Well U&U Used
1	Yes	Yes	326,000	-	13,096	90,000	402,904	528,000	552,000	528,000	76.31%	86.20%
2												
3												
4	Water treatment plant used and useful calculated pursuant to Rule 25-30.4235, Florida Administrative Code for water treatment system with storages. Removal of largest well consistent with											
5	Rule 25-30.4325(6), FAC. Also, based on 16 hours of pumping with systems with storage pursuant to 25-30.4325(6)(b), FAC.											
6												
7	Lake Josephine/Sebring Lakes was found to be 86.2% in Order No. PSC-15-0282-PAA-WS											

STORAGE												
	Average 5 Max Day Demand	Reliable Storage	Bottom Drain	Max Day (GPD)	Growth Factor	Excess Unaccounted for Water (GPD)	Fire Flow (GPD)	Peak Day Demand (GPD)	Usable Storage (Gal.)	Permanent Storage U&U Calculated	Permanent Storage U&U Used	
9	219,600	86,000	Yes	326,000	-	13,096	90,000	402,904	86,000	468.49%	100.00%	
10												
11	Storage previously found 100% used and useful by Order No. PSC-15-0282-PAA-WU.											

**Used and Useful Calculations
Water Treatment Plant**

Florida Public Service Commission

HC Waterworks, Inc.
Docket No. 20190166-WS
Historical Test Year Ending June 30, 2019

Schedule: F-5
Page: 1 of 1
Preparer: W T Rendell

Revised

Explanation: Provide all calculations, analyses and governmental requirements used to determine the used and useful percentages for the water treatment plant(s) for the historical test year and the projected test year (if applicable).

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Leisure Lakes water treatment system												
	Storage	Multiple Wells	Max Day (GPD)	Growth Factor	Excess Unaccounted for Water (GPM)	Fire Flow (GPD)	Peak Demand for Systems with Storage (GPD)	Maximum Supply Well (GPD)	Total Well Capacity (GPD)	Firm Reliable Capacity for Systems Storage (GPM)	Wells U&U Calculated	Permanent Well U&U Used
1	Yes	Yes	87,500	1.16%	-	90,000	177,500	48,000	240,000	48,000	369.79%	100.00%
2												
3												
4	Water treatment plant used and useful calculated pursuant to Rule 25-30.4235, Florida Administrative Code for water treatment system with storages. Removal of largest well consistent with											
5	Rule 25-30.4325(6), FAC. Also, based on 16 hours of pumping with systems with storage pursuant to 25-30.4325(6)(b), FAC.											
6												
7	Leisure Lakes was found to be 100% In Order No. PSC-15-0282-PAA-WS											
STORAGE												
	Average 5 Max Day Demand	Reliable Storage	Bottom Drain	Max Day (GPD)	Growth Factor	Excess Unaccounted for Water (GPD)	Fire Flow (GPD)	Peak Day Demand (GPD)	Usable Storage (Gal.)	Permanent Storage U&U Calculated	Permanent Storage U&U Used	
9	123,975	50,000	Yes	87,500	1.16%	-	90,000	91,019	50,000	182.04%	100.00%	
10												
11	Storage previously found 100% used and useful by Order No. PSC-15-0282-PAA-WU.											

Margin Reserve Calculations - Water & Sewer

HC Waterworks, Inc.
Docket No. 20190166-WS
Historical Test Year Ending June 30, 2019

REVISED Schedule: F-8
Page: 1 of 1
Preparer: W T Rende

Explanation: If a margin reserve is requested, provide all calculations and analyses used to determine the amount of margin reserve for each portion of used and useful plant

Linear regression analysis using average SFRs/ERCs for the last five years and trended for the five years beyond test period(s).

	(1)	(2)	(3)	(4)	(5)
Line No.	Year	Average Connections	Average SFRs	Trend	Increase
WATER - Lake Josephine/Sebring Lakes					
1	2014		645.0	646.8	
2	2015		649.0	644.5	
3	2016		641.0	642.2	
4	2017		636.0	639.9	
5	2018		640.0	637.6	
6	2019			635.3	-0.36%
7	2020			633.0	-0.36%
8	2021			630.7	-0.36%
9	2022			628.4	-0.36%
10	2023			626.1	-0.37% 5 yrs beyond 2018
X Coefficient(s)				-2.3000	
Water - Leisure Lakes					
11	2014		306.0	303.6	
12	2015		306.0	307.5	
13	2016		307.0	311.4	
14	2017		319.0	315.3	
15	2018		319.0	319.2	
16	2019			323.1	1.22%
17	2020			327.0	1.21%
18	2021			330.9	1.19%
19	2022			334.8	1.18%
20	2023			338.7	1.16% 5 yrs beyond 2018
				3.9000	



REVISED 11/25/2019

See Pages 4 for Instructions.

I. General Information for the Month/Year of: April, 2018

A. Public Water System (PWS) Information

PWS Name:	Lake Josephine	PWS Identification Number:	6280162
PWS Type:	<input checked="" type="checkbox"/> Community <input checked="" type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive		
Number of Service Connections at End of Month:	536	Total Population Served at End of Month:	1,250
PWS Owner:	US Water Services Corporation	Contact Person's Title:	Compliance Manager
Contact Person:	Melisa Rotteveel	City:	New Port Rich
Contact Person's Mailing Address:	4939 Cross Bayou Blvd	State:	Florida
Contact Person's Telephone Number:	866-753-8292	Zip Code:	34652
Contact Person's E-Mail Address:	mrotteveel@uswatercorp.net	Contact Person's Fax Number:	727-849-4219

B. Water Treatment Plant Information

Plant Name:	Lake Josephine Plant #3	Plant Telephone Number:	941-377-9456	
Plant Address:	1949 Canary Way	City:	Sebring	
Type of Water Treatment by Plant:	<input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water	State:	Florida	
Permitted Maximum Day Operating Capacity of Plant, gallons per day:	300,000	Zip Code:	33872	
Plant Category (per subsection 62-699.310(4), F.A.C.):	V	Plant Class (per subsection 62-699.310(4), F.A.C.):	C	
Licensed Operators	Name	License Class	License Number	Day(s) / Shift(s) Worked
Lead/Chief Operator:	Ron Derosssett	A	3531	Utility Manager Days 1st Shift
Other Operators:	Dustin Williams	C	22520	Operator Days 1st Shift
	Andrew Borremans	C	22604	Operator Days 1st Shift
	Sharon Purviance	C	13268	

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Sharon Purviance 11/25/19
Signature and Date

Sharon Purviance
Printed or Typed Name

B-13268
License Number

PWS ID:	6280162	Plant Name:	Lake Josephine Plant #3
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III. Daily Data for the Month/Year of: April, 2018

Means of Achieving Four-Log Virus Inactivation/Removal: ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations					UV Dose					
				Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/l.	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm ²	Minimum UV Dose Required, mW-sec/cm ²		
1		24.0	145,000											
2	X	24.0	103,000		4.6								2.8	
3	X	24.0	125,000		4.4								3.0	
4	X	24.0	113,000		4.6								2.6	
5	X	24.0	131,000		4.0								2.4	
6	X	24.0	108,000		4.6								2.8	
7	X	24.0	128,000		2.6								2.1	
8		24.0	129,000											
9	X	24.0	109,000		4.9								3.0	
10	X	24.0	101,000		4.3								2.9	
11	X	24.0	115,000		4.1								2.8	
12	X	24.0	111,000		4.0								2.3	
13	X	24.0	107,000		3.9								2.3	
14	X	24.0	150,000		3.0								2.3	
15		24.0	151,000											
16	X	24.0	80,000		2.9								2.0	
17	X	24.0	133,000		3.1								2.3	
18	X	24.0	83,000		2.7								2.1	BWN
19	X	24.0	160,000		2.1								1.9	
20	X	24.0	134,000		4.9								2.9	
21	X	24.0	119,000		2.8								1.9	
22		24.0	120,000											
23	X	24.0	129,000		3.6								0.4	Rescinded
24	X	24.0	108,000		2.8								1.8	
25	X	24.0	124,000		3.4								2.4	
26	X	24.0	138,000		4.9								3.0	
27	X	24.0	115,000		3.0								2.3	
28	X	24.0	146,000		3.0								2.4	
29		24.0	146,000											
30	X	24.0	120,000		3.4								2.7	
31														
			3,681,000											
Average			122,700											
Maximum			160,000											

* Refer to the instructions for this report to determine which plants must provide this information.



See Pages 4 for Instructions.

I. General Information for the Month/Year of: April, 2018

A. Public Water System (PWS) Information

PWS Name:	Lake Josephine (Sebring Lakes)			PWS Identification Number:	6280162
PWS Type:	<input checked="" type="checkbox"/> Community	<input type="checkbox"/> Non-Transient Non-Community	<input type="checkbox"/> Transient Non-Community	<input type="checkbox"/> Consecutive	
Number of Service Connections at End of Month:	65			Total Population Served at End of Month:	75
PWS Owner:	US Water Services Corporation				
Contact Person:	Melisa Roteveel			Contact Person's Title:	
Contact Person's Mailing Address:	PO Box 2480	City:	New Port Rich	State:	Florida
Contact Person's Telephone Number:	(352) 787-0980			Zip Code:	34652
Contact Person's E-Mail Address:	mrolteveel@uswatercorp.net			Contact Person's Fax Number:	941-378-3554

B. Water Treatment Plant Information

Plant Name:	Sebring Lakes Plant #4			Plant Telephone Number:	941-377-9456
Plant Address:	5313 Knight Ave			City:	Sebring
Type of Water Treatment by Plant:	<input checked="" type="checkbox"/> Raw Ground Water	<input type="checkbox"/> Purchased Finished Water	State:	Florida	Zip Code:
Permitted Maximum Day Operating Capacity of Plant, gallons per day:	280,000				
Plant Category (per subsection 62-699.310(4), F.A.C.):	V			Plant Class (per subsection 62-699.310(4), F.A.C.):	C
Licensed Operators	Name	License Class	License Number	Day(s) / Shift(s) Worked	
Lead/Chief Operator:	Ron Derossett	A	3531	Utility Manager	
Other Operators:	Dustin Williams	C	22520	Operator	
	Sharon Purviance	C	13268		

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Sharon Purviance 11/25/19

Signature and Date

Sharon Purviance

Printed or Typed Name

C-13268

License Number

PWS ID:	6280162	Plant Name:	Lake Josephine Plant #4
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III. Daily Data for the Month/Year of: April, 2018

Means of Achieving Four-Log Virus Inactivation/Removal: ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions, Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose				
				Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm ²	Minimum UV Dose Required, mW-sec/cm ²			
1		24.0	0												
2		24.0	0												
3		24.0	0												
4		24.0	0												
5	X	24.0	10,000												
6		24.0	0												
7		24.0	0												
8		24.0	0												
9		24.0	0												
10		24.0	0												
11		24.0	0												
12		24.0	0												
13		24.0	0												
14		24.0	0												
15		24.0	0												
16		24.0	0												
17		24.0	0												
18		24.0	0												
19		24.0	0												
20		24.0	0												
21		24.0	0												
22		24.0	0												
23		24.0	0												
24		24.0	0												
25		24.0	0												
26		24.0	0												
27		24.0	0												
28		24.0	0												
29		24.0	0												
30		24.0	0												
1		24.0	0												
Total			10,000												
Average			333												
Maximum			10,000												

* Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

Daily Finished-Water Production for the Month/Year of : April 2018											
Community Water System (CWS) Name: Lake Josephine Plants 3 & 4											
Public Water System (PWS) Identification Number: 6280162											
	Plant 1 Name:	Plant 2 Name:	Plant 3 Name:	Plant 4 Name:	Plant 5 Name:	Plant 6 Name:	Plant 7 Name:	Plant 8 Name:	Plant 9 Name:	Plant 10 Name:	
	Lake Josephine Plant 3	Lake Josephine Plant 4									
	Permitted Maximum Day Operating Capacity of Each Plant, gallons per day										Total
Day of Month	300,000	280,000									580,000
	Net Quantity of Finished Water Produced by Each Plant, gallons										Total
1	145,000	0									145,000
2	103,000	0									103,000
3	125,000	0									125,000
4	113,000	0									113,000
5	131,000	10,000									141,000
6	108,000	0									108,000
7	128,000	0									128,000
8	129,000	0									129,000
9	109,000	0									109,000
10	101,000	0									101,000
11	115,000	0									115,000
12	111,000	0									111,000
13	107,000	0									107,000
14	150,000	0									150,000
15	151,000	0									151,000
16	80,000	0									80,000
17	133,000	0									133,000
18	83,000	0									83,000
19	160,000	0									160,000
20	134,000	0									134,000
21	119,000	0									119,000
22	120,000	0									120,000
23	129,000	0									129,000
24	108,000	0									108,000
25	124,000	0									124,000
26	138,000	0									138,000
27	115,000	0									115,000
28	146,000	0									146,000
29	146,000	0									146,000
2	120,000	0									120,000
3											
Total											3,691,000
Avg.											119,065
Max.											160,000



REVISED 11/25/2019

See Pages 4 for Instructions.

I. General Information for the Month/Year of: March, 2019

A. Public Water System (PWS) Information

PWS Name:	Lake Josephine	PWS Identification Number:	6280162
PWS Type:	<input checked="" type="checkbox"/> Community <input checked="" type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive		
Number of Service Connections at End of Month:	536	Total Population Served at End of Month:	1,250
PWS Owner:	US Water Services Corporation		
Contact Person:	Melisa Rotteveel	Contact Person's Title:	Compliance Manager
Contact Person's Mailing Address:	4939 Cross Bayou Blvd	City:	New Port Rich State: Florida Zip Code: 34652
Contact Person's Telephone Number:	866-753-8292	Contact Person's Fax Number:	727-849-4219
Contact Person's E-Mail Address:	mrotteveel@uswatercorp.net		

B. Water Treatment Plant Information

Plant Name:	Lake Josephine Plant #3	Plant Telephone Number:	941-377-9456	
Plant Address:	1949 Canary Way	City:	Sebring State: Florida Zip Code: 33872	
Type of Water Treatment by Plant:	<input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gallons per day:	300,000			
Plant Category (per subsection 62-699.310(4), F.A.C.):	V	Plant Class (per subsection 62-699.310(4), F.A.C.):	C	
Licensed Operators	Name	License Class	License Number	Day(s) / Shift(s) Worked
Lead/Chief Operator:	Sharon Purviance	C	13268	Utility Manager Days 1st Shift
Other Operators:	Andrew Borremans	C	22604	Operator Days 1st Shift

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Sharon Purviance 11/25/19
Signature and Date

Sharon Purviance
Printed or Typed Name

C - 13268
License Number

PWS ID:	6280162	Plant Name:	Lake Josephine Plant #3
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III. Daily Data for the Month/Year of: March, 2019

Means of Achieving Four-Log Virus Inactivation/Removal: ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☒ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☐ Free Chlorine ☒ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions Repair or Maintenance Work that Involves Taking Water System Components Out of Operation	
				CT Calculations						UV Dose					
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm ²	Minimum UV Dose Required, mW-sec/cm ²			
1	X	24.0	132,000		4.0								1.4		
2	X	24.0	113,000		3.9								1.3		
3		24.0	114,000												
4	X	24.0	121,000		4.0								1.4		
5	X	24.0	125,000		4.0								1.4		
6	X	24.0	124,000		4.0								1.4		
7	X	24.0	97,000		4.0								1.4		
8	X	24.0	125,000		3.9								1.4		
9	X	24.0	124,000		4.0								1.4		
10		24.0	125,000												
11	X	24.0	102,000		4.0								1.4		
12	X	24.0	119,000		4.0								1.4		
13	X	24.0	123,000		4.0								1.4		
14	X	24.0	115,000		4.0								1.4		
15	X	24.0	110,000		3.9								1.4		
16	X	24.0	105,000		4.0								1.4		
17		24.0	106,000												
18	X	24.0	96,000		4.0								1.4		
19	X	24.0	99,000		4.0								1.4		
20	X	24.0	101,000		4.0								1.3		
21	X	24.0	105,000		4.0								1.3		
22	X	24.0	108,000		3.8								1.3		
23	X	24.0	116,000		4.0								1.4		
24		24.0	116,000												
25	X	24.0	92,000		4.0								1.4		
26	X	24.0	108,000		4.0								1.4		
27	X	24.0	127,000		4.0								1.4		
28	X	24.0	101,000		3.8								1.3		
29	X	24.0	127,000		4.0								1.4		
30	X	24.0	112,000		4.0								1.4		
31		24.0	112,000												
			3,500,000												
Average			112,903												
Maximum			132,000												

* Refer to the instructions for this report to determine which plants must provide this information.

See Pages 4 for Instructions.

I. General Information for the Month/Year of:

March, 2019

A. Public Water System (PWS) Information

PWS Name:	Lake Josephine (Sebring Lakes)			PWS Identification Number:	6280162
PWS Type:	<input checked="" type="checkbox"/> Community	<input type="checkbox"/> Non-Transient Non-Community	<input type="checkbox"/> Transient Non-Community	<input type="checkbox"/> Consecutive	
Number of Service Connections at End of Month:	65			Total Population Served at End of Month:	75
PWS Owner:	US Water Services Corporation				
Contact Person:	Melisa Roteveel			Contact Person's Title:	
Contact Person's Mailing Address:	PO Box 2480		City:	New Port Rich	State: Florida
Contact Person's Telephone Number:	(352) 787-0980			Contact Person's Fax Number:	941-378-3554
Contact Person's E-Mail Address:	mroteveel@uswatercorp.net				

B. Water Treatment Plant Information

[illegible]

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date

Sharon Purviance

Printed or Typed Name

C - 13268

License Number

PWS ID:	6280162	Plant Name:	Lake Josephine Plant #4
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III. Daily Data for the Month/Year of: March, 2019

Means of Achieving Four-Log Virus Inactivation/Removal: ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☒ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☐ Free Chlorine ☒ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions, Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm ²	Minimum UV Dose Required, mW-sec/cm ²		
1		24.0	0											
2		24.0	0											
3		24.0	0											
4	X	24.0	4,000		2.4								1.4	
5		24.0	0											
6		24.0	0											
7		24.0	0											
8		24.0	0											
9		24.0	0											
10		24.0	0											
11		24.0	0											
12	X	24.0	3,000		2.3								1.4	
13		24.0	0											
14		24.0	0											
15		24.0	0											
16		24.0	0											
17		24.0	0											
18		24.0	0											
19		24.0	0											
20	X	24.0	3,000		2.4								1.3	
21		24.0	0											
22		24.0	0											
23		24.0	0											
24		24.0	0											
25	X	24.0	5,000		2.5								1.4	
26		24.0	0											
27		24.0	0											
28		24.0	0											
29		24.0	0											
30		24.0	0											
31		24.0	0											
Total			15,000											
Average			483											
Maximum			5,000											

* Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

ons.

Daily Finished-Water Production for the Month/Year of : March 2019											
Community Water System (CWS) Name: Lake Josephine Plants 3 & 4											
Public Water System (PWS) Identification Number: 6280162											
Day of Month	Plant 1 Name:	Plant 2 Name:	Plant 3 Name:	Plant 4 Name:	Plant 5 Name:	Plant 6 Name:	Plant 7 Name:	Plant 8 Name:	Plant 9 Name:	Plant 10 Name:	Total
	Lake Josephine Plant 3	Lake Josephine Plant 4									
	Permitted Maximum Day Operating Capacity of Each Plant, gallons per day										Total
	300,000	280,000									580,000
	Net Quantity of Finished Water Produced by Each Plant, gallons										Total
1	132,000	0									132,000
2	113,000	0									113,000
3	114,000	0									114,000
4	121,000	4,000									125,000
5	125,000	0									125,000
6	124,000	0									124,000
7	97,000	0									97,000
8	125,000	0									125,000
9	124,000	0									124,000
10	125,000	0									125,000
11	102,000	0									102,000
12	119,000	3,000									122,000
13	123,000	0									123,000
14	115,000	0									115,000
15	110,000	0									110,000
16	105,000	0									105,000
17	106,000	0									106,000
18	96,000	0									96,000
19	99,000	0									99,000
20	101,000	3,000									104,000
21	105,000	0									105,000
22	108,000	0									108,000
23	116,000	0									116,000
24	116,000	0									116,000
25	92,000	5,000									97,000
26	108,000	0									108,000
27	127,000	0									127,000
28	101,000	0									101,000
29	127,000	0									127,000
30	112,000	0									112,000
31	112,000	0									112,000
Total											3,515,000
Avg.											113,387
Max.											132,000

PWS ID:	6280162	Plant Name:	Lake Josephine Plant #3
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III. Daily Data for the Month/Year of: September, 2017

Means of Achieving Four-Log Virus Inactivation/Removal: ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions: Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose				
				Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm ²	Minimum UV Dose Required, mW-sec/cm ²			
1	X	24.0	92,000		4.4								3.1		
2	X	24.0	146,000		4.7								3.0		
3		24.0	146,000												
4	X	24.0	179,000		4.8								2.9		
5	X	24.0	125,000		4.3								2.7		
6	X	24.0	208,000		4.9								3.0		
7	X	24.0	136,000		4.9								2.9		
8	X	24.0	256,000		4.9								2.9		
9	X	24.0	178,000		3.0								2.3		
10	X	24.0	178,000		3.0								2.9	Hurricane Irma	
11	X	24.0	178,000		4.4								3.0		
12	X	24.0	171,000		4.3								3.1		
13	X	24.0	183,000		4.1								2.9		
14	X	24.0	164,000		4.4								3.0		
15	X	24.0	165,000		4.5								3.1		
16	X	24.0	196,000		4.4								3.0		
17		24.0	196,000												
18	X	24.0	93,000		4.6								3.0		
19	X	24.0	175,000		4.9								3.1		
20	X	24.0	180,000		4.8								3.0		
21	X	24.0	136,000		4.7								2.3		
22	X	24.0	219,000		4.9								2.3		
23	X	24.0	206,000		4.9								3.0		
24		24.0	206,000												
25	X	24.0	106,000		4.9								3.0		
26	X	24.0	164,000		4.9								2.9		
27	X	24.0	140,000		4.9								3.0		
28	X	24.0	160,000		4.9								2.9		
29	X	24.0	145,000		4.9								3.0		
30	X	24.0	168,000		3.7								2.9		
31		24.0													

	4,995,000
Average	166,500
Maximum	256,000

* Refer to the instructions for this report to determine which plants must provide this information.

See Pages 4 for Instructions.

I. General Information for the Month/Year of:

September, 2017

A. Public Water System (PWS) Information

PWS Name: Lake Josephine (Sebring Lakes)		PWS Identification Number: 6280162	
PWS Type:	<input checked="" type="checkbox"/> Community	<input type="checkbox"/> Non-Transient Non-Community	<input type="checkbox"/> Transient Non-Community
Number of Service Connections at End of Month: 65		Total Population Served at End of Month: 75	
PWS Owner: US Water Services Corporation		Contact Person's Title:	
Contact Person: Melisa Roteveel	Contact Person's Mailing Address: PO Box 2480	City: New Port Rich	State: Florida
Contact Person's Telephone Number: (352) 787-0980	Contact Person's Fax Number: 941-378-3554		Zip Code: 34652
Contact Person's E-Mail Address:	mroteveel@uswatercorp.net		

B. Water Treatment Plant Information

Plant Name: Sebring Lakes Plant #4		Plant Telephone Number: 941-377-9456	
Plant Address: 5313 Knight Ave		City: Sebring	State: Florida
Type of Water Treatment by Plant: <input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water		Zip Code: 33875	
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 280,000		Plant Class (per subsection 62-699.310(4), F.A.C.): C	
Plant Category (per subsection 62-699.310(4), F.A.C.): V			
Licensed Operators	Name	License Class	License Number
Lead/Chief Operator:	Ron Derossett	A	3531
Other Operators:	Jackie Williams	C	20588
	Sharon Purviance	C	13268

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Scholarship Summary 11/25/19

Signature and Date

Sharon Purviance

Printed or Typed Name _____

C-13268

License Number

PWS ID:	6280162	Plant Name:	Lake Josephine Plant #4
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III. Daily Data for the Month/Year of: September, 2017

Means of Achieving Four-Log Virus Inactivation/Removal: ☒ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☐ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☒ Free Chlorine ☐ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions, Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations						UV Dose				
				Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/l.	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²		
1		24.0	0											
2		24.0	0											
3		24.0	0											
4		24.0	0											
5		24.0	0											
6		24.0	3,000											
7		24.0	1,000											
8		24.0	0											
9		24.0	0											
10		24.0	0											
11		24.0	0											
12		24.0	0											
13		24.0	0											
14		24.0	0											
15		24.0	0											
16		24.0	0											
17		24.0	0											
18		24.0	0											
19		24.0	0											
20		24.0	0											
21		24.0	0											
22		24.0	0											
23		24.0	0											
24		24.0	0											
25		24.0	0											
26		24.0	0											
27		24.0	0											
28		24.0	0											
29		24.0	0											
30		24.0	0											
1		24.0												
Total			4,000											
Average			133											
Maximum			3,000											

* Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

3ms.

Daily Finished-Water Production for the Month/Year of : September 2017											
Community Water System (CWS) Name: Lake Josephine Plants 3 & 4											
Public Water System (PWS) Identification Number: 6280162											
	Plant 1 Name:	Plant 2 Name:	Plant 3 Name:	Plant 4 Name:	Plant 5 Name:	Plant 6 Name:	Plant 7 Name:	Plant 8 Name:	Plant 9 Name:	Plant 10 Name:	
	Lake Josephine Plant 3	Lake Josephine Plant 4									
	Permitted Maximum Day Operating Capacity of Each Plant, gallons per day										Total
Day of Month	300,000	280,000									580,000
	Net Quantity of Finished Water Produced by Each Plant, gallons										Total
1	92,000	0									92,000
2	146,000	0									146,000
3	146,000	0									146,000
4	179,000	0									179,000
5	125,000	0									125,000
6	208,000	3,000									211,000
7	136,000	1,000									137,000
8	256,000	0									256,000
9	178,000	0									178,000
10	178,000	0									178,000
11	178,000	0									178,000
12	171,000	0									171,000
13	183,000	0									183,000
14	164,000	0									164,000
15	165,000	0									165,000
16	196,000	0									196,000
17	196,000	0									196,000
18	93,000	0									93,000
19	175,000	0									175,000
20	180,000	0									180,000
21	136,000	0									136,000
22	219,000	0									219,000
23	206,000	0									206,000
24	208,000	0									208,000
25	106,000	0									106,000
26	164,000	0									164,000
27	140,000	0									140,000
28	160,000	0									160,000
29	145,000	0									145,000
30	168,000	0									168,000
31											
Total											4,999,000
Avg.											166,633
Max.											256,000



REVISED 11/25/2019

See Pages 4 for Instructions.

I. General Information for the Month/Year of: June, 2018

A. Public Water System (PWS) Information

PWS Name:	Lake Josephine	PWS Identification Number:	6280162
PWS Type:	<input checked="" type="checkbox"/> Community <input checked="" type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive		
Number of Service Connections at End of Month:	536	Total Population Served at End of Month:	1,250
PWS Owner:	US Water Services Corporation		
Contact Person:	Melisa Rotteveel	Contact Person's Title:	Compliance Manager
Contact Person's Mailing Address:	4939 Cross Bayou Blvd	City:	New Port Rich
		State:	Florida
Contact Person's Telephone Number:	866-753-8292	Zip Code:	34652
Contact Person's E-Mail Address:	mrotteveel@uswatercorp.net	Contact Person's Fax Number:	727-849-4219

B. Water Treatment Plant Information

Plant Name:	Lake Josephine Plant #3	Plant Telephone Number:	941-377-9456
Plant Address:	1949 Canary Way	City:	Sebring
		State:	Florida
Type of Water Treatment by Plant:	<input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water	Zip Code:	33872
Permitted Maximum Day Operating Capacity of Plant, gallons per day:	300,000		
Plant Category (per subsection 62-699.310(4), F.A.C.):	V	Plant Class (per subsection 62-699.310(4), F.A.C.):	C
Licensed Operators	Name	License Class	License Number
Lead/Chief Operator:	Ron Derossett	A	3531
Other Operators:	Andrew Borremans	C	22604
	Sharon Purviance	C	13268

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Sharon Purviance 11/25/19
Signature and Date

Sharon Purviance
Printed or Typed Name

C-13268
License Number

PWS ID:	6280162	Plant Name:	Lake Josephine Plant #3
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III. Daily Data for the Month/Year of: June, 2018

Means of Achieving Four-Log Virus Inactivation/Removal: ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☒ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☐ Free Chlorine ☒ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions, Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations					UV Dose						
				Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/l.	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L.	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L.	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²			
1	X	24.0	119,000		2.2								1.5		
2	X	24.0	104,000		2.6								1.8		
3		24.0	105,000												
4	X	24.0	119,000		3.3								1.5		
5	X	24.0	76,000		3.6								2.3		
6	X	24.0	96,000		4.0								2.2		
7	X	24.0	102,000		2.4								3.0		
8	X	24.0	108,000		2.6								2.1		
9	X	24.0	115,000		3.9								2.2		
10		24.0	115,000												
11	X	24.0	127,000		3.5								2.1	BWN	
12	X	24.0	99,000		3.9								2.2		
13	X	24.0	115,000		2.2								1.8		
14	X	24.0	117,000		2.0								1.5		
15	X	24.0	117,000		3.6								1.5	Rescinded	
16	X	24.0	142,000		2.6								2.0		
17		24.0	142,000												
18	X	24.0	135,000		2.0								1.7		
19	X	24.0	129,000		1.3								0.8		
20	X	24.0	124,000		4.0								2.4		
21	X	24.0	156,000		4.0								2.2		
22	X	24.0	118,000		3.9								2.0		
23	X	24.0	117,000		3.8								2.0		
24		24.0	118,000												
25	X	24.0	129,000		4.0								2.2		
26	X	24.0	113,000		3.8								2.3		
27	X	24.0	122,000		3.9								2.3		
28	X	24.0	11,000		3.6								2.2		
29	X	24.0	116,000		3.9								2.3		
30	X	24.0	116,000		4.0								2.3		
31															
			3,422,000												
Average			114,067												
Maximum			156,000												

* Refer to the instructions for this report to determine which plants must provide this information.



See Pages 4 for Instructions.

I. General Information for the Month/Year of: June, 2018

A. Public Water System (PWS) Information

PWS Name:	Lake Josephine (Sebring Lakes)			PWS Identification Number:	6280162
PWS Type:	<input checked="" type="checkbox"/> Community	<input type="checkbox"/> Non-Transient Non-Community	<input type="checkbox"/> Transient Non-Community	<input type="checkbox"/> Consecutive	
Number of Service Connections at End of Month:	65			Total Population Served at End of Month:	75
PWS Owner:	US Water Services Corporation				
Contact Person:	Melisa Roteveel			Contact Person's Title:	
Contact Person's Mailing Address:	PO Box 2480		City:	New Port Rich	State: Florida Zip Code: 34652
Contact Person's Telephone Number:	(352) 787-0980		Contact Person's Fax Number:	941-378-3554	
Contact Person's E-Mail Address:	mroteveel@uswatercorp.net				

B. Water Treatment Plant Information

Plant Name:	Sebring Lakes Plant #4			Plant Telephone Number:	941-377-9456
Plant Address:	5313 Knight Ave		City:	Sebring	State: Florida Zip Code: 33875
Type of Water Treatment by Plant:	<input checked="" type="checkbox"/> Raw Ground Water		<input type="checkbox"/> Purchased Finished Water		
Permitted Maximum Day Operating Capacity of Plant, gallons per day:	280,000				
Plant Category (per subsection 62-699.310(4), F.A.C.):	V		Plant Class (per subsection 62-699.310(4), F.A.C.): C		
Licensed Operators	Name	License Class	License Number	Day(s) / Shift(s) Worked	
Lead/Chief Operator:	Ron Derossett	A	3531	Utility Manager	
Other Operators:	Andrew Borrenans	C	22604	Operator	
	Sharon Purivance	C	13268		

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Sharon Purivance 11/25/19

Signature and Date

Sharon Purivance

Printed or Typed Name

C-13268

License Number

III. Daily Data for the Month/Year of: June, 2018

Means of Achieving Four-Log Virus Inactivation/Removal: ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☒ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☐ Free Chlorine ☒ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/l.	Emergency or Abnormal Operating Conditions Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations						UV Dose				
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm ²	Minimum UV Dose Required, mW-sec/cm ²		
1		24.0	0											
2		24.0	0											
3		24.0	0											
4		24.0	0											
5	X	24.0	6,000											
6		24.0	0											
7		24.0	0											
8		24.0	0											
9		24.0	0											
10		24.0	0											
11		24.0	0											
12		24.0	0											
13		24.0	0											
14		24.0	0											
15		24.0	0											
16		24.0	0											
17		24.0	0											
18		24.0	0											
19		24.0	0											
20		24.0	0											
21		24.0	0											
22		24.0	0											
23		24.0	0											
24		24.0	0											
25		24.0	0											
26		24.0	0											
27		24.0	0											
28		24.0	0											
29		24.0	0											
30		24.0	0											
1		24.0												
Total			6,000											
Average			200											
Maximum			6,000											

* Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

ons.

Daily Finished-Water Production for the Month/Year of: June 2018											
Community Water System (CWS) Name: Lake Josephine Plants 3 & 4											
Public Water System (PWS) Identification Number: 6280162											
	Plant 1 Name:	Plant 2 Name:	Plant 3 Name:	Plant 4 Name:	Plant 5 Name:	Plant 6 Name:	Plant 7 Name:	Plant 8 Name:	Plant 9 Name:	Plant 10 Name:	
	Lake Josephine Plant 3	Lake Josephine Plant 4									
Day of Month	Permitted Maximum Day Operating Capacity of Each Plant, gallons per day										Total
	300,000	280,000									580,000
	Net Quantity of Finished Water Produced by Each Plant, gallons										Total
1	119,000	0									119,000
2	104,000	0									104,000
3	105,000	0									105,000
4	119,000	0									119,000
5	76,000	6,000									82,000
6	96,000	0									96,000
7	102,000	0									102,000
8	108,000	0									108,000
9	115,000	0									115,000
10	115,000	0									115,000
11	127,000	0									127,000
12	99,000	0									99,000
13	115,000	0									115,000
14	117,000	0									117,000
15	117,000	0									117,000
16	142,000	0									142,000
17	142,000	0									142,000
18	135,000	0									135,000
19	129,000	0									129,000
20	124,000	0									124,000
21	156,000	0									156,000
22	118,000	0									118,000
23	117,000	0									117,000
24	118,000	0									118,000
25	129,000	0									129,000
26	113,000	0									113,000
27	122,000	0									122,000
28	11,000	0									11,000
29	116,000	0									116,000
30	116,000	0									116,000
31											
Total											3,428,000
Avg.											110,581
Max.											156,000



REVISED 11/25/2019

See Pages 4 for Instructions.

I. General Information for the Month/Year of: August, 2018

A. Public Water System (PWS) Information

PWS Name:	Lake Josephine	PWS Identification Number:	6280162
PWS Type:	<input checked="" type="checkbox"/> Community <input checked="" type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community	<input type="checkbox"/> Consecutive	
Number of Service Connections at End of Month:	536	Total Population Served at End of Month:	1,250
PWS Owner:	US Water Services Corporation		
Contact Person:	Melisa Rotteveel	Contact Person's Title:	Compliance Manager
Contact Person's Mailing Address:	4939 Cross Bayou Blvd	City: New Port Rich	State: Florida
Contact Person's Telephone Number:	866-753-8292	Zip Code:	34652
Contact Person's E-Mail Address:	mrotteveel@uswatercorp.net	Contact Person's Fax Number:	727-849-4219

B. Water Treatment Plant Information

Plant Name:	Lake Josephine Plant #3	Plant Telephone Number:	941-377-9456	
Plant Address:	1949 Canary Way	City: Sebring	State: Florida	
Type of Water Treatment by Plant:	<input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water	Zip Code:	33872	
Permitted Maximum Day Operating Capacity of Plant, gallons per day:	300,000			
Plant Category (per subsection 62-699.310(4), F.A.C.):	V	Plant Class (per subsection 62-699.310(4), F.A.C.):	C	
Licensed Operators	Name	License Class	License Number	Day(s) / Shift(s) Worked
Lead/Chief Operator:	Sharon Purviance	C	13268	Utility Manager Days 1st Shift
Other Operators:	Andrew Borremans	C	22604	Operator Days 1st Shift

H. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Sharon Purviance 11/25/19
Signature and Date

Sharon Purviance
Printed or Typed Name

C - 13268
License Number

III. Daily Data for the Month/Year of: August, 2018

Means of Achieving Four-Log Virus Inactivation/Removal: ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☒ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☐ Free Chlorine ☒ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions, Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations						UV Dose				
				Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm ²	Minimum UV Dose Required, mW-sec/cm ²		
1	X	24.0	114,000		2.8								1.8	
2	X	24.0	113,000		2.9								1.8	
3	X	24.0	162,000		3.7								2.2	
4	X	24.0	139,000		3.4								2.0	
5		24.0	139,000											
6	X	24.0	127,000		3.0								2.0	
7	X	24.0	133,000		2.8								1.3	
8	X	24.0	112,000		2.8								1.2	
9	X	24.0	109,000		2.4								1.0	
10	X	24.0	135,000		2.4								1.1	
11	X	24.0	117,000		2.9								1.9	
12		24.0	117,000											
13	X	24.0	108,000		2.8								1.8	
14	X	24.0	128,000		2.6								1.7	
15	X	24.0	82,000		4.0								2.2	
16	X	24.0	168,000		2.8								1.8	
17	X	24.0	148,000		2.5								1.6	
18	X	24.0	144,000		2.5								1.6	
19		24.0	144,000											
20	X	24.0	140,000		2.6								1.6	
21	X	24.0	145,000		2.0								1.4	
22	X	24.0	142,000		2.0								1.3	
23	X	24.0	107,000		2.7								1.8	
24	X	24.0	149,000		3.0								2.0	
25	X	24.0	122,000		3.2								2.2	
26		24.0	122,000											
27	X	24.0	117,000		3.1								2.1	
28	X	24.0	120,000		3.2								2.0	
29	X	24.0	127,000		3.3								2.1	
30	X	24.0	125,000		3.3								2.0	
31	X	24.0	132,000		4.0								2.0	
			3,987,000											
Average			128,613											
Maximum			168,000											

* Refer to the instructions for this report to determine which plants must provide this information.



See Pages 4 for Instructions.

I. General Information for the Month/Year of: August, 2018

A. Public Water System (PWS) Information

PWS Name:	Lake Josephine (Sebring Lakes)			PWS Identification Number:	6280162
PWS Type:	<input checked="" type="checkbox"/> Community	<input type="checkbox"/> Non-Transient Non-Community	<input type="checkbox"/> Transient Non-Community	<input type="checkbox"/> Consecutive	
Number of Service Connections at End of Month:	65			Total Population Served at End of Month:	75
PWS Owner:	US Water Services Corporation				
Contact Person:	Melisa Roteveel			Contact Person's Title:	
Contact Person's Mailing Address:	PO Box 2480		City:	New Port Rich	State: Florida Zip Code: 34652
Contact Person's Telephone Number:	(352) 787-0980			Contact Person's Fax Number:	941-378-3554
Contact Person's E-Mail Address:	mroteveel@uswatercorp.net				

B. Water Treatment Plant Information

Plant Name:	Sebring Lakes Plant #4			Plant Telephone Number:	941-377-9456	
Plant Address:	5313 Knight Ave			City:	Sebring State: Florida Zip Code: 33875	
Type of Water Treatment by Plant:	<input checked="" type="checkbox"/> Raw Ground Water <input type="checkbox"/> Purchased Finished Water					
Permitted Maximum Day Operating Capacity of Plant, gallons per day:	280,000					
Plant Category (per subsection 62-699.310(4), F.A.C.):	V			Plant Class (per subsection 62-699.310(4), F.A.C.):	C	
Licensed Operators	Name	License Class	License Number	Day(s) / Shift(s) Worked		
Lead/Chief Operator:	Sharon Purviance	C	13268	Utility Manager		
Other Operators:	Andrew Borrenans	C	22604	Operator Days 1st Shift		

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Sharon Purviance 11/25/19

Signature and Date

Sharon Purviance

Printed or Typed Name

C - 13268

License Number

PWS ID:	6280162	Plant Name:	Lake Josephine Plant #4
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III. Daily Data for the Month/Year of: August, 2018

Means of Achieving Four-Log Virus Inactivation/Removal: ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☒ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☐ Free Chlorine ☒ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions, Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose				
				Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm ²	Minimum UV Dose Required, mW-sec/cm ²			
1	X	24.0	8,000												
2		24.0	0												
3		24.0	0												
4		24.0	0												
5		24.0	0												
6		24.0	0												
7		24.0	0												
8		24.0	0												
9		24.0	0												
10		24.0	0												
11		24.0	0												
12		24.0	0												
13		24.0	0												
14		24.0	0												
15		24.0	0												
16		24.0	0												
17		24.0	0												
18		24.0	0												
19		24.0	0												
20		24.0	0												
21		24.0	0												
22		24.0	0												
23		24.0	0												
24		24.0	0												
25		24.0	0												
26		24.0	0												
27		24.0	0												
28		24.0	0												
29		24.0	0												
30		24.0	0												
31		24.0	0												
Total			8,000												
Average			258												
Maximum			8,000												

* Refer to the instructions for this report to determine which plants must provide this information.



I. General Information for the Month/Year of:		September, 2018
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PWS Name: Lake Josephine				PWS Identification Number: 6280162	
PWS Type: <input checked="" type="checkbox"/> Community		<input checked="" type="checkbox"/> Non-Transient Non-Community		<input type="checkbox"/> Transient Non-Community	
				<input type="checkbox"/> Consecutive	
Number of Service Connections at End of Month: 536				Total Population Served at End of Month: 1,250	
PWS Owner: US Water Services Corporation					
Contact Person: Melisa Rotteveel				Contact Person's Title: Compliance Manager	
Contact Person's Mailing Address: 4939 Cross Bayou Blvd				City: New Port Rich State: Florida Zip Code: 34652	
Contact Person's Telephone Number: 866-753-8292				Contact Person's Fax Number: 727-849-4219	
Contact Person's E-Mail Address: mrotteveel@uswatercorp.net					

[illegible]

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date Steven Purvine 11/25/19

Sharon Purviance
Printed or Typed Name

C - 13268
License Number

PWS ID:	6280162	Plant Name:	Lake Josephine Plant #3
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III. Daily Data for the Month/Year of: September, 2018

Means of Achieving Four-Log Virus Inactivation/Removal: ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☒ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☐ Free Chlorine ☒ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/l.	Emergency or Abnormal Operating Conditions Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations					UV Dose					
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/l.	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/l.	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/l.	Lowest Operating UV Dose, mW-sec/cm ²	Minimum UV Dose Required, mW-sec/cm ²		
1		24.0	148,000											
2	X	24.0	148,000		3.7								1.1	
3	X	24.0	14,000		3.7								1.0	
4	X	24.0	143,000		3.7								1.0	
5	X	24.0	187,000		4.0								1.0	
6	X	24.0	171,000		4.0								1.2	
7	X	24.0	192,000		3.8								1.1	
8		24.0	133,000											
9	X	24.0	134,000		3.5								1.0	
10	X	24.0	155,000		3.8								1.3	
11	X	24.0	143,000		3.9								1.4	
12	X	24.0	110,000		3.7								1.4	
13	X	24.0	201,000		3.4								1.2	
14	X	24.0	137,000		3.4								1.3	
15		24.0	154,000											
16	X	24.0	154,000		3.2								1.3	
17	X	24.0	166,000		2.6								0.7	
18	X	24.0	326,000		4.0								1.8	
19	X	24.0	151,000		4.0								2.2	
20	X	24.0	152,000		4.0								2.1	
21	X	24.0	136,000		4.0								2.0	
22		24.0	133,000											
23	X	24.0	133,000		4.0								2.0	
24	X	24.0	154,000		4.0								1.8	
25	X	24.0	155,000		4.0								1.9	
26	X	24.0	156,000		4.0								1.9	
27	X	24.0	162,000		4.0								1.8	
28	X	24.0	192,000		4.0								1.8	
29		24.0	165,000											
30		24.0	166,000											
31		24.0	0											
			4,671,000											
Average			155,700											
Maximum			326,000											

* Refer to the instructions for this report to determine which plants must provide this information.



See Pages 4 for Instructions.

I. General Information for the Month/Year of: September, 2018

A. Public Water System (PWS) Information

PWS Name:	Lake Josephine (Sebring Lakes)			PWS Identification Number:	6280162
PWS Type:	<input checked="" type="checkbox"/> Community	<input type="checkbox"/> Non-Transient Non-Community	<input type="checkbox"/> Transient Non-Community	<input type="checkbox"/> Consecutive	
Number of Service Connections at End of Month:	65			Total Population Served at End of Month:	75
PWS Owner:	US Water Services Corporation				
Contact Person:	Melisa Roteveel			Contact Person's Title:	
Contact Person's Mailing Address:	PO Box 2480	City:	New Port Rich	State:	Florida
Contact Person's Telephone Number:	(352) 787-0980	Contact Person's Fax Number:	941-378-3554		
Contact Person's E-Mail Address:	mroteveel@uswatercorp.net				

B. Water Treatment Plant Information

Plant Name:	Sebring Lakes Plant #4			Plant Telephone Number:	941-377-9456
Plant Address:	5313 Knight Ave			City:	Sebring
Type of Water Treatment by Plant:	<input checked="" type="checkbox"/> Raw Ground Water	<input type="checkbox"/> Purchased Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gallons per day:	280,000				
Plant Category (per subsection 62-699.310(4), F.A.C.):	V			Plant Class (per subsection 62-699.310(4), F.A.C.):	C

Licensed Operators	Name	License Class	License Number	Day(s) / Shift(s) Worked
Lead/Chief Operator:	Sharon Purviance	C	13268	Utility Manager
Other Operators:	Andrew Borrenans	C	22604	Operator Days 1st Shift

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Sharon Purviance 11/25/19

Signature and Date

Sharon Purviance

Printed or Typed Name

C - 13268

License Number

PWS ID:	6280162	Plant Name:	Lake Josephine Plant #4
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III. Daily Data for the Month/Year of: September, 2018

Means of Achieving Four-Log Virus Inactivation/Removal: ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☒ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☐ Free Chlorine ☒ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions, Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose				
				Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm ²	Minimum UV Dose Required, mW-sec/cm ²			
1		24.0	0												
2		24.0	0												
3		24.0	0												
4		24.0	0												
5		24.0	0												
6		24.0	11,000												
7		24.0	0												
8		24.0	0												
9		24.0	0												
10		24.0	0												
11		24.0	0												
12		24.0	0												
13		24.0	0												
14		24.0	0												
15		24.0	0												
16		24.0	0												
17		24.0	0												
18		24.0	0												
19		24.0	0												
20		24.0	0												
21		24.0	0												
22		24.0	0												
23		24.0	0												
24		24.0	0												
25		24.0	0												
26		24.0	0												
27		24.0	0												
28		24.0	0												
29		24.0	0												
30		24.0	0												
1		24.0													
Total			11,000												
Average			366												
Maximum			11,000												

* Refer to the instructions for this report to determine which plants must provide this information.

MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS



See Pages 4 for Instructions.

I. General Information for the Month/Year of: October, 2018

A. Public Water System (PWS) Information

PWS Name:	Lake Josephine			PWS Identification Number:	6280162
PWS Type:	<input checked="" type="checkbox"/> Community	<input checked="" type="checkbox"/> Non-Transient Non-Community	<input type="checkbox"/> Transient Non-Community	<input type="checkbox"/> Consecutive	
Number of Service Connections at End of Month:	536			Total Population Served at End of Month:	1,250
PWS Owner:	US Water Services Corporation			Contact Person's Title:	Compliance Manager
Contact Person:	Melisa Rotteveel			City:	New Port Rich
Contact Person's Mailing Address:	4939 Cross Bayou Blvd			State:	Florida
Contact Person's Telephone Number:	866-753-8292			Zip Code:	34652
Contact Person's E-Mail Address:	mrotteveel@uswatercorp.net			Contact Person's Fax Number:	727-849-4219

B. Water Treatment Plant Information

Plant Name:	Lake Josephine Plant #3			Plant Telephone Number:	941-377-9456
Plant Address:	1949 Canary Way			City:	Sebring
Type of Water Treatment by Plant:	<input checked="" type="checkbox"/> Raw Ground Water			State:	Florida
	<input type="checkbox"/> Purchased Finished Water			Zip Code:	33872
Permitted Maximum Day Operating Capacity of Plant, gallons per day:	300,000			Plant Class (per subsection 62-699.310(4), F.A.C.):	C
Plant Category (per subsection 62-699.310(4), F.A.C.):	V				
Licensed Operators	Name	License Class	License Number	Day(s) / Shift(s) Worked	
Lead/Chief Operator:	Sharon Purviance	C	13268	Utility Manager	Days 1st Shift
Other Operators:	Andrew Botremans	C	22604	Operator	Days 1st Shift

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Sharon Purviance 11/25/19
Signature and Date

Sharon Purviance
Printed or Typed Name

C - 13268
License Number

PWS ID:	6280162	Plant Name:	Lake Josephine Plant #3
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III. Daily Data for the Month/Year of: **October, 2018**

Means of Achieving Four-Log Virus Inactivation/Removal: ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☒ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☐ Free Chlorine ☒ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/l.	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations						UV Dose					
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²			
1	X	24.0	154,000		4.0								1.2		
2	X	24.0	170,000		4.0								1.5		
3	X	24.0	202,000		4.0								1.4		
4	X	24.0	110,000		4.0								1.6	BWN	
5	X	24.0	185,000		4.0								1.2		
6	X	24.0	140,000		4.0								1.2		
7		24.0	141,000												
8	X	24.0	156,000		4.0								1.2	Rescinded	
9	X	24.0	139,000		4.0								1.2		
10	X	24.0	146,000		4.0								1.2		
11	X	24.0	144,000		4.0								1.2		
12	X	24.0	154,000		4.0								1.2		
13	X	24.0	145,000		4.0								1.3		
14		24.0	145,000												
15	X	24.0	139,000		4.0								1.3		
16	X	24.0	125,000		4.0								1.2		
17	X	24.0	124,000		3.8								1.3		
18	X	24.0	126,000		3.8								1.2		
19	X	24.0	126,000		4.0								1.2		
20	X	24.0	128,000		4.0								1.2		
21		24.0	128,000												
22	X	24.0	139,000		4.0								1.3		
23	X	24.0	127,000		4.0								1.3		
24	X	24.0	243,000		4.0								1.3		
25	X	24.0	185,000		2.8								1.3		
26	X	24.0	130,000		3.5								1.1		
27	X	24.0	154,000		3.5								1.1		
28		24.0	154,000												
29	X	24.0	124,000		2.4								0.9		
30	X	24.0	134,000		3.9								1.2		
31	X	24.0	119,000		4.0								1.2		
			4,536,000												
Average			146,323												
Maximum			243,000												

* Refer to the instructions for this report to determine which plants must provide this information.

See Pages 4 for Instructions.

I. General Information for the Month/Year of:

October, 2018

A. Public Water System (PWS) Information

PWS Name:	Lake Josephine (Sebring Lakes)			PWS Identification Number:	6280162
PWS Type:	<input checked="" type="checkbox"/> Community	<input type="checkbox"/> Non-Transient Non-Community	<input type="checkbox"/> Transient Non-Community	<input type="checkbox"/> Consecutive	
Number of Service Connections at End of Month:	65			Total Population Served at End of Month:	75
PWS Owner:	US Water Services Corporation				
Contact Person:	Melisa Roteveel			Contact Person's Title:	
Contact Person's Mailing Address:	PO Box 2480		City:	New Port Rich	State: Florida Zip Code: 34652
Contact Person's Telephone Number:	(352) 787-0980			Contact Person's Fax Number:	941-378-3554
Contact Person's E-Mail Address:	mrotteveel@uswatercorp.net				

B. Water Treatment Plant Information

[illegible]

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Shawn P. Morris 11/25/19

Signature and Date

Sharon Purviance

Printed or Typed Name _____

C - 13268

License Number

PWS ID:	6280162	Plant Name:	Lake Josephine Plant #4
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III. Daily Data for the Month/Year of: October, 2018

Means of Achieving Four-Log Virus Inactivation/Removal: ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☒ Combined Chlorine (Chloramines)

☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☐ Free Chlorine ☒ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "K")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations						UV Dose				
				Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²		
1		24.0	0											
2		24.0	0											
3		24.0	0											
4		24.0	0											
5		24.0	0											
6		24.0	5,000											
7		24.0	5,000											
8		24.0	0											
9		24.0	0											
10		24.0	0											
11		24.0	0											
12		24.0	0											
13		24.0	0											
14		24.0	0											
15		24.0	0											
16		24.0	0											
17		24.0	0											
18		24.0	0											
19		24.0	0											
20		24.0	0											
21		24.0	0											
22		24.0	0											
23		24.0	0											
24		24.0	0											
25		24.0	0											
26		24.0	0											
27		24.0	0											
28		24.0	0											
29		24.0	0											
30		24.0	0											
31		24.0	0											

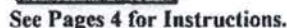
Total	10,000
Average	323
Maximum	5,000

* Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

Daily Finished-Water Production for the Month/Year of : October 2018											
Community Water System (CWS) Name: Lake Josephine Plants 3 & 4											
Public Water System (PWS) Identification Number: 6280162											
	Plant 1 Name:	Plant 2 Name:	Plant 3 Name:	Plant 4 Name:	Plant 5 Name:	Plant 6 Name:	Plant 7 Name:	Plant 8 Name:	Plant 9 Name:	Plant 10 Name:	
	Lake Josephine Plant 3	Lake Josephine Plant 4									
	Permitted Maximum Day Operating Capacity of Each Plant, gallons per day										Total
Day of Month	300,000	280,000									580,000
	Net Quantity of Finished Water Produced by Each Plant, gallons										Total
1	154,000	0									154,000
2	170,000	0									170,000
3	202,000	0									202,000
4	110,000	0									110,000
5	185,000	0									185,000
6	140,000	5,000									145,000
7	141,000	5,000									146,000
8	156,000	0									156,000
9	139,000	0									139,000
10	146,000	0									146,000
11	144,000	0									144,000
12	154,000	0									154,000
13	145,000	0									145,000
14	145,000	0									145,000
15	139,000	0									139,000
16	125,000	0									125,000
17	124,000	0									124,000
18	126,000	0									126,000
19	126,000	0									126,000
20	128,000	0									128,000
21	128,000	0									128,000
22	139,000	0									139,000
23	127,000	0									127,000
24	243,000	0									243,000
25	185,000	0									185,000
26	130,000	0									130,000
27	154,000	0									154,000
28	154,000	0									154,000
29	124,000	0									124,000
30	134,000	0									134,000
31	119,000	0									119,000
Total											4,546,000
Avg.											146,645
Max.											243,000



I. General Information for the Month/Year of:

April, 2019

PWS Name:	Lake Josephine	PWS Identification Number:	6280162
PWS Type:	<input checked="" type="checkbox"/> Community	<input checked="" type="checkbox"/> Non-Transient Non-Community	<input type="checkbox"/> Transient Non-Community
Number of Service Connections at End of Month:	536	Total Population Served at End of Month:	1,250
PWS Owner:	US Water Services Corporation	Contact Person's Title:	Compliance Manager
Contact Person:	Melisa Rotteveel	Contact Person's Mailing Address:	4939 Cross Bayou Blvd
Contact Person's Telephone Number:	866-753-8292	City:	New Port Rich
Contact Person's E-Mail Address:	mrotteveel@uswatercorp.net	State:	Florida
		Zip Code:	34652
		Contact Person's Fax Number:	727-849-4219

[illegible]

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date Shawn Purviance 11/26/19

Sharon Purviance
Printed or Typed Name

C - 13268
License Number

PWS ID:	6280162	Plant Name:	Lake Josephine Plant #3
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III. Daily Data for the Month/Year of: April, 2019

Means of Achieving Four-Log Virus Inactivation/Removal: ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☒ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☐ Free Chlorine ☒ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose				
				Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm ²	Minimum UV Dose Required, mW-sec/cm ²			
1	X	24.0	105,000		4.0								1.5		
2	X	24.0	106,000		3.7								1.4		
3	X	24.0	100,000		4.0								1.4		
4	X	24.0	106,000		4.0								1.4		
5	X	24.0	112,000		4.0								1.4		
6	X	24.0	165,000		4.0								1.4		
7		24.0	166,000												
8	X	24.0	91,000		4.0								1.4		
9	X	24.0	93,000		4.0								1.4		
10	X	24.0	102,000		4.0								1.4		
11	X	24.0	109,000		4.0								1.4		
12	X	24.0	124,000		4.0								1.4		
13	X	24.0	111,000		4.0								1.4		
14		24.0	111,000												
15	X	24.0	101,000		4.0								1.7		
16	X	24.0	109,000		4.0								1.6		
17	X	24.0	95,000		4.0								1.6		
18	X	24.0	114,000		3.9								1.6		
19	X	24.0	92,000		4.0								1.6		
20	X	24.0	107,000		4.0								1.6		
21		24.0	108,000												
22	X	24.0	119,000		4.0								1.7		
23	X	24.0	112,000		4.0								1.7		
24	X	24.0	127,000		4.0								1.6		
25	X	24.0	111,000		4.0								1.7		
26	X	24.0	127,000		4.0								1.8		
27	X	24.0	121,000		4.0								1.8		
28		24.0	122,000												
29	X	24.0	155,000		4.0								1.8	Propane facility fire	
30	X	24.0	197,000		4.0								1.8		
31		24.0													
			3,518,000												
Average			117,267												
Maximum			197,000												

* Refer to the instructions for this report to determine which plants must provide this information.



I. General Information for the Month/Year of: April, 2019

PWS Name:	Lake Josephine (Sebring Lakes)			PWS Identification Number:	6280162
PWS Type:	<input checked="" type="checkbox"/> Community	<input type="checkbox"/> Non-Transient Non-Community	<input type="checkbox"/> Transient Non-Community	<input type="checkbox"/> Consecutive	
Number of Service Connections at End of Month:	65			Total Population Served at End of Month:	75
PWS Owner:	US Water Services Corporation				
Contact Person:	Melisa Roteveel			Contact Person's Title:	
Contact Person's Mailing Address:	PO Box 2480		City:	New Port Rich	State: Florida
Contact Person's Telephone Number:	(352) 787-0980				Zip Code: 34652
Contact Person's E-Mail Address:	mroteveel@uswatercorp.net			Contact Person's Fax Number:	941-378-3554

[illegible]

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Signature and Date

Printed or Typed Name

License Number

PWS ID:	6280162	Plant Name:	Lake Josephine Plant #4
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III. Daily Data for the Month/Year of: April, 2019

Means of Achieving Four-Log Virus Inactivation/Removal:
☐ Free Chlorine
☐ Chlorine Dioxide
☐ Ozone
☒ Combined Chlorine (Chloramines)

☐ Ultraviolet Radiation
☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System:
☐ Free Chlorine
☒ Combined Chlorine (Chloramines)
☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations						UV Dose				
				Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²		
1		24.0	0											
2		24.0	0											
3		24.0	0											
4		24.0	0											
5		24.0	0											
6		24.0	0											
7		24.0	0											
8	X	24.0	6,000		2.2									
9		24.0	0											
10		24.0	0											
11		24.0	0											
12		24.0	0											
13		24.0	0											
14		24.0	0											
15	X	24.0	4,000		2.5									
16		24.0	0											
17		24.0	0											
18		24.0	0											
19		24.0	0											
20		24.0	0											
21		24.0	0											
22	X	24.0	4,000		2.2									
23		24.0	0											
24		24.0	0											
25		24.0	0											
26		24.0	0											
27		24.0	0											
28		24.0	0											
29	X	24.0	4,000		2.6								Propane facility fire	
30		24.0	0											
1		24.0												

Total	18,000
Average	600
Maximum	6,000

* Refer to the instructions for this report to determine which plants must provide this information.



Daily Finished-Water Production for the Month/Year of : April 2019											
Community Water System (CWS) Name: Lake Josephine Plants 3 & 4											
Public Water System (PWS) Identification Number: 6280182											
Day of Month	Plant 1 Name:	Plant 2 Name:	Plant 3 Name:	Plant 4 Name:	Plant 5 Name:	Plant 6 Name:	Plant 7 Name:	Plant 8 Name:	Plant 9 Name:	Plant 10 Name:	Total
	Lake Josephine Plant 3	Lake Josephine Plant 4									
	Permitted Maximum Day Operating Capacity of Each Plant, gallons per day										
	300,000	280,000									
	Net Quantity of Finished Water Produced by Each Plant, gallons										
1	105,000	0									105,000
2	106,000	0									106,000
3	100,000	0									100,000
4	106,000	0									106,000
5	112,000	0									112,000
6	165,000	0									165,000
7	166,000	0									166,000
8	91,000	6,000									97,000
9	93,000	0									93,000
10	102,000	0									102,000
11	109,000	0									109,000
12	124,000	0									124,000
13	111,000	0									111,000
14	111,000	0									111,000
15	101,000	4,000									105,000
16	109,000	0									109,000
17	95,000	0									95,000
18	114,000	0									114,000
19	92,000	0									92,000
20	107,000	0									107,000
21	108,000	0									108,000
22	119,000	4,000									123,000
23	112,000	0									112,000
24	127,000	0									127,000
25	111,000	0									111,000
26	127,000	0									127,000
27	121,000	0									121,000
28	122,000	0									122,000
29	155,000	4,000									159,000
30	197,000	0									197,000
31											
Total											3,536,000
Avg.											117,866
Max.											197,000

III. Daily Data for the Month/Year of:	June, 2019
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Means of Achieving Four-Log Virus Inactivation/Removal:	<input type="checkbox"/> Free Chlorine	<input type="checkbox"/> Chlorine Dioxide	<input type="checkbox"/> Ozone	<input checked="" type="checkbox"/> Combined Chlorine (Chloramines)
<input type="checkbox"/> Ultraviolet Radiation	<input type="checkbox"/> Other (Describe):			

Type of Disinfectant Residual Maintained in Distribution System:	<input type="checkbox"/> Free Chlorine	<input checked="" type="checkbox"/> Combined Chlorine (Chloramines)	<input type="checkbox"/> Chlorine Dioxide
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Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*										Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations						UV Dose					
				Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm²	Minimum UV Dose Required, mW-sec/cm²			
1	X	24.0	112,000		3.2								1.3		
2		24.0	113,000												
3	X	24.0	109,000		2.2								1.0		
4	X	24.0	120,000		3.8								1.3		
5	X	24.0	99,000		3.0								1.3		
6	X	24.0	103,000		3.4								1.2		
7	X	24.0	128,000		4.0								1.4		
8	X	24.0	95,000		4.0								1.4		
9		24.0	96,000												
10	X	24.0	101,000		4.0								1.5		
11	X	24.0	127,000		4.0								1.5		
12	X	24.0	106,000		4.0								1.5		
13	X	24.0	158,000		4.0								1.4		
14	X	24.0	100,000		4.0								1.4		
15	X	24.0	111,000		4.0								1.4		
16		24.0	111,000												
17	X	24.0	116,000		4.0								1.4	BWN	
18	X	24.0	118,000		4.0								1.4		
19	X	24.0	106,000		4.0								1.4	Rescinded	
20	X	24.0	119,000		4.0								1.4		
21	X	24.0	112,000		3.6								1.2		
22	X	24.0	96,000		4.0								1.3		
23		24.0	97,000												
24	X	24.0	93,000		3.2								1.1		
25	X	24.0	77,000		2.5								1.0		
26	X	24.0	87,000		4.0								1.4		
27	X	24.0	89,000		4.0								1.4		
28	X	24.0	112,000		3.9								1.4		
29	X	24.0	87,000		3.6								1.2		
30		24.0	86,000												
31		24.0													
			3,184,000												
Average			106,133												
Maximum			158,000												

* Refer to the instructions for this report to determine which plants must provide this information.

See Pages 4 for Instructions.

I. General Information for the Month/Year of:

June, 2019

A. Public Water System (PWS) Information

PWS Name: Lake Josephine (Sebring Lakes)			PWS Identification Number: 6280162	
PWS Type:	<input checked="" type="checkbox"/> Community	<input type="checkbox"/> Non-Transient Non-Community	<input type="checkbox"/> Transient Non-Community	<input type="checkbox"/> Consecutive
Number of Service Connections at End of Month: 65			Total Population Served at End of Month: 75	
PWS Owner: US Water Services Corporation				
Contact Person: Melisa Roteveel			Contact Person's Title:	
Contact Person's Mailing Address: PO Box 2480		City: New Port Richee	State: Florida	Zip Code: 34652
Contact Person's Telephone Number: (352) 787-0980		Contact Person's Fax Number: 941-378-3554		
Contact Person's E-Mail Address: mrolteveel@uswatercorp.net				

B. Water Treatment Plant Information

[illegible]

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

Sharon Purkayast 1/05/19

Signature and Date

Sharon Purviance

Printed or Typed Name

C - 13268

License Number

III. Daily Data for the Month/Year of: June, 2018

Means of Achieving Four-Log Virus Inactivation/Removal: ☐ Free Chlorine ☐ Chlorine Dioxide ☐ Ozone ☒ Combined Chlorine (Chloramines)
☐ Ultraviolet Radiation ☐ Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: ☐ Free Chlorine ☒ Combined Chlorine (Chloramines) ☐ Chlorine Dioxide

Day of the Month	Days Plant Staffed or Visited by Operator (Place "X")	Hours plant in Operation	Net Quantity of Finished Water Produced, gal.	CT Calculations, or UV Dose, to Demostate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations						UV Dose				
				Peak Flow Rate, gpd.	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp of Water, °C	pH of Water, If Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm ²	Minimum UV Dose Required, mW-sec/cm ²		
1		24.0	0											
2		24.0	0											
3		24.0	0											
4		24.0	0											
5	X	24.0	6,000											
6		24.0	0											
7		24.0	0											
8		24.0	0											
9		24.0	0											
10		24.0	0											
11		24.0	0											
12		24.0	0											
13		24.0	0											
14		24.0	0											
15		24.0	0											
16		24.0	0											
17		24.0	0											
18		24.0	0											
19		24.0	0											
20		24.0	0											
21		24.0	0											
22		24.0	0											
23		24.0	0											
24		24.0	0											
25		24.0	0											
26		24.0	0											
27		24.0	0											
28		24.0	0											
29		24.0	0											
30		24.0	0											
1		24.0												
Total			6,000											
Average			466											
Maximum			6,000											

* Refer to the instructions for this report to determine which plants must provide this information.



MONTHLY OPERATION REPORT FOR SUMMATION OF FINISHED-WATER PRODUCTION BY CWSs THAT HAVE MULTIPLE TREATMENT PLANTS

0115.

Daily Finished-Water Production for the Month/Year of : June 2019											
Community Water System (CWS) Name: Lake Josephine Plants 3 & 4											
Public Water System (PWS) Identification Number: 6280162											
	Plant 1 Name:	Plant 2 Name:	Plant 3 Name:	Plant 4 Name:	Plant 5 Name:	Plant 6 Name:	Plant 7 Name:	Plant 8 Name:	Plant 9 Name:	Plant 10 Name:	
	Lake Josephine Plant 3	Lake Josephine Plant 4									
Day of Month	Permitted Maximum Day Operating Capacity of Each Plant, gallons per day										Total
	300,000	280,000									580,000
	Net Quantity of Finished Water Produced by Each Plant, gallons										Total
1	112,000	0									112,000
2	113,000	0									113,000
3	109,000	0									109,000
4	120,000	0									120,000
5	99,000	0									99,000
6	103,000	0									103,000
7	128,000	0									128,000
8	95,000	0									95,000
9	96,000	0									96,000
10	101,000	6,000									107,000
11	127,000	0									127,000
12	106,000	0									106,000
13	158,000	0									158,000
14	100,000	0									100,000
15	111,000	0									111,000
16	111,000	0									111,000
17	118,000	4,000									120,000
18	118,000	0									118,000
19	106,000	0									106,000
20	118,000	0									118,000
21	112,000	0									112,000
22	96,000	0									96,000
23	97,000	0									97,000
24	93,000	4,000									97,000
25	77,000	0									77,000
26	87,000	0									87,000
27	89,000	0									89,000
28	112,000	0									112,000
29	87,000	0									87,000
30	86,000	0									86,000
31											
Total											3,198,000
Avg.											108,399
Max.											158,000

RESOLUTION NO. 16-17-80

A RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF HIGHLANDS COUNTY, FLORIDA; PROVIDING FOR DETERMINATION OF UNREASONABLE INTERFERENCE AND NOTICE TO THE UTILITY; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICT; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Highlands County, a political subdivision of the State of Florida (hereinafter referred to as the "County") is currently reconstructing the existing paved travel lanes, performing associated safety and drainage improvements, and constructing or reconstructing, as appropriate, the side road approaches and driveways along Lake Josephine Drive from U.S. Highway 27 west along Lake Josephine Drive for approximately 1.80 miles (hereinafter referred to as the "Project"); and

WHEREAS, U.S. Water Services Corp. was notified of the then proposed Project and impending construction on January 22, 2015, at which time it was provided with the proposed plans for the Project; and

WHEREAS, the County requested a design locate of the utilities of U.S. Water Services Corp. via the Sunshine State One Call system on August 27, 2015; and

WHEREAS, an invitation to attend a pre-bid meeting being held on May 17, 2016, was subsequently extended to U.S. Water Services Corp. and other utilities; and

WHEREAS, a representative of U.S. Water Services Corp. stated that he would attend that meeting, but no representative of U.S. Water Services Corp. attended that pre-bid meeting on May 17, 2016; and

WHEREAS, on June 22, 2016, letters were mailed to several representatives of U.S. Water Services Corp. informing them that the County was moving forward with construction and that all utility conflicts were to be resolved before July 15, 2016; and

WHEREAS, on June 22, 2016, final construction plans for the Project were e-mailed to a representative of U.S. Water Services Corp. along with a request to notify the County Engineering Department with any relocation plans and a schedule for completing the relocation construction; and

WHEREAS, on June 30, 2016, a representative of U.S. Water Services Corp. sent an e-mail to the County Engineering Department stating that "U.S. Water has no conflicts with the road widening project."; and

WHEREAS, during a preconstruction meeting on February 14, 2017, the U.S. Water Services Corp. representative indicated that its valves were already located far enough off the road but that the water lines may be encountered during construction because U.S. Water Services Corp. did not have accurate locations of the existing water lines; and

WHEREAS, at the preconstruction meeting on February 14, 2017, the U.S. Water Services Corp. representative was informed that the construction was to begin on February 15, 2017; and

WHEREAS, again, on March 8, 2017, a set of construction plans was e-mailed to U.S. Water Services Corp. at the request of its representative who was working in the field; and

WHEREAS, during the first phase of construction (approximately from Station 25+00 to Station 40+00), water lines of U.S. Water Services Corp. were discovered in the right-of-way of Lake Josephine Drive when struck by the construction contractor; and

WHEREAS, although U.S. Water Services Corp. made repairs to the water lines, no plan for relocation has been provided nor has any action been taken to relocate the water lines so as to prevent additional conflicts with the road construction project; and

WHEREAS, due to the failure of U.S. Water Services Corp. to relocate its water lines, the construction contractor has continued to strike the water lines of U.S. Water Services Corp., which has caused delays to the progress of the Project, contractor down time, and interruption of service to customers of U.S. Water Services Corp.; and

WHEREAS, by letter dated March 28, 2017, a copy of which is attached to this Resolution, the County Engineer notified U.S. Water Services Corp. that its water lines were unreasonably interfering with the reconstruction of Lake Josephine Drive according to the construction plans previously provided to it; and

WHEREAS, on page 3 of that letter the County Engineer gave the following direction to U.S. Water Services Corp.:

Pursuant to Section 337.403, Florida Statutes, you are hereby notified that the water lines of U.S. Water Services Corp. are unreasonably interfering with the reconstruction of Lake Josephine Drive according to the construction plans previously provided to you. U.S. Water Services Corp. is hereby required to relocate its water lines within the project limits of the Lake Josephine Drive reconstruction project as shown on the construction plans previously provided to you and to complete the relocation of those water lines within thirty (30) days after the date of this letter, and to the extent encountered by construction prior to that date, those water lines encountered during reconstruction must be relocated by U.S. Water Services Corp. on the day encountered.

To prevent further project construction delays and interruption of services, Highlands County requires that your utilities located within the project limits be removed and/or relocated **IMMEDIATELY** to eliminate existing conflicts between the water lines and the road reconstruction project

NOW, THEREFORE, BE IT RESOLVED, that:

SECTION 1. DETERMINATION OF UNREASONABLE INTERFERENCE AND NOTICE TO THE UTILITY.

- a. U.S. Water Services Corp. and HC Waterworks, Inc., share the same physical address and apparently share some of the same staff and will be collectively referred to hereinafter as the "Utility".

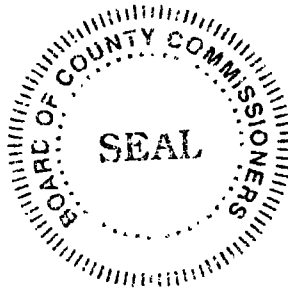
- b. The Utility received adequate notice of the proposed project on January 22, 2015, and adequate requests and direction thereafter to locate its water lines and to relocate its water lines to eliminate conflicts between the Project and the Utility's water lines.
- c. The Utility made no effort to locate or relocate its water lines prior to the commencement of construction, which has resulted in virtually immediate and frequently recurring conflicts with the Project as the Utility's water lines continue to be struck during construction of the Project.
- d. The Board finds that, having received construction plans for the Project on more than one occasion, the Utility knew, or should have known, the conflicts between its water lines and the Project sufficiently in advance of construction to allow the relocation of its water lines, which would have prevented the frequent conflicts between its water lines and the Project during construction, which have resulted in delays in the progress of the Project, contractor downtime, and interruption of service to citizens and customers of the Utility.
- e. The Board ratifies the finding of the County Engineer as stated in his letter attached to this Resolution and finds that the water lines of the Utility are unreasonably interfering with the improvement by the County of Lake Josephine Road, Highlands County Project No. 13008, FDOT Project Management No. 430107 1 58 01, referred to herein as the "Project".
- f. The Board further directs that the Utility remove and/or relocate its water lines and other utilities located within the Project limits to eliminate existing conflicts between the water lines and the Project so as to prevent further Project construction delays and interruption of service.
- g. Pursuant to Section 337.403(1), Florida Statutes, the Board directs the Utility to relocate, at its own expense, all of its water lines within the County road right-of-way within the boundaries of the Project within thirty (30) days of this Resolution as previously directed by the County Engineer by letter dated March 28, 2017, a copy of which is attached to this Resolution. Unless removed prior to completion of the Project, the Utility shall abandon its water lines under the reconstructed and paved areas of the reconstructed Lake Josephine Drive in a manner acceptable to the County Engineer that will prevent future collapse of those water lines.
- h. Pursuant to Section 337.403(1), Florida Statutes, the Utility shall complete the relocation of its water lines within the County right-of-way of Lake Josephine Drive within the boundaries of the Project prior to or no later than simultaneously with the progress of the Project so as to prevent delays in the progress of the Project, contractor downtime, and interruption of service to citizens and customers of the Utility, and that relocation of the Utility's water lines within the County's right-of-way of Lake Josephine Drive within the boundaries of the Project shall be completed by the Utility on or before the completion of the Project.

SECTION 2. SEVERABILITY. The sections, subsections, paragraphs, sentences, clauses and phrases of this Resolution are severable, and if any phrase, clause, sentence, paragraph, subsection or section of this Resolution shall be declared invalid, unconstitutional or unenforceable by the valid judgment or decree of a court of competent jurisdiction, such invalidity, unconstitutionality or unenforceability shall not affect any of the remaining phrases, clauses, sentences, paragraphs, subsections, and sections of this Resolution.

SECTION 3. CONFLICT. Any Resolution or part thereof in conflict with this Resolution or any part hereof is hereby repealed to the extent of the conflict.

SECTION 4. EFFECTIVE DATE. This Resolution shall take effect on May 16, 2017.

DONE AND ADOPTED this 16th day of May, 2017.



**BOARD OF COUNTY
COMMISSIONERS OF HIGHLANDS
COUNTY, FLORIDA**

By: Don Elwell
Don Elwell, Chairman

(SEAL)

ATTEST: Robert W. Germaine
Robert W. Germaine, Clerk



HIGHLANDS COUNTY
BOARD OF COUNTY COMMISSIONERS
ENGINEERING DEPARTMENT

March 28, 2017

VIA EMAIL & CERTIFIED MAIL

US Water Services Corp.
Ron Derossett
4939 Cross Bayou Boulevard
New Port Richey, Florida 34652-3434
Email: rderossett@uswatercorp.net

Subject: NOTIFICATION OF UTILITIES CONFLICT AND REQUIRED REMOVAL
Highlands County Project No.: 13008
FDOT Project Management No.: 430107 1 58 01
Description: Lake Josephine Drive Improvements

Dear Mr. Derossett,

As you are aware Highlands County is currently reconstructing the existing paved travel lanes, performing associated safety and drainage improvements, and constructing or reconstructing, as appropriate, the side road approaches and driveways along Lake Josephine Drive in Highlands County, Florida, 33875, from U.S. Highway 27 to the east for approximately 1.80 miles (please see attached construction plans). During the project development phase, County staff notified US Water Services Corp. of the impending construction and requested that all utility conflicts be identified and relocated/removed from within the rights-of-way belonging to US Water Services Corp.

Section 12.14.304. (General Permit Conditions), Paragraph J., of the Highlands County Land Development Regulations (LDR's), states "Whenever necessary for the construction, repair, improvement, alteration, or relocation of all, or any portion of said road or street as determined by the county engineer, any or all of said poles, wires, pipes, cables or other facilities and appurtenances authorized hereunder, shall be immediately removed from the said road or street, or reset or relocated thereon, as required by the county engineer and at the expense of the holder." (Please see the attached excerpt.)

US Water Services Corp. was notified of the proposed project and impending construction on several occasions. The initial notification was made on January 22, 2015. The proposed plans for the project were sent on January 22, 2015, via mail. (Please note that on August 27, 2015, the County requested a design locate of your utilities via the Sunshine State One Call system.) Subsequently, an invitation to attend a pre-bid meeting being held on May 17, 2016, was extended.

505 South Commerce Avenue, Sebring, Florida 33870-3869
Phone (863) 402-6877 Fax (863) 402-6548

US Water Services Corp.
March 28, 2017
Page 2 of 2

Chris Berish stated that he would attend, but no representative from US Water Services Corp. attended the pre-bid meeting on May 17, 2016. On June 22, 2016, letters were mailed to Brad Labella, Chris Berish, and Gary Deremer to inform US Water Services Corp. that the County was moving forward with construction and that all utility conflicts were to be resolved before July 15, 2016. On June 22, 2016, Chris Berish was e-mailed final plans along with a request to notify the Engineering Department with any relocation plans and a schedule for completing the relocation construction. On June 30, 2016, you sent an e-mail stating that "US Water has no conflicts with the road widening project." During the February 14, 2017, Preconstruction Meeting, the US Water Corp. representative, Chris Berish, indicated that the valves were already located far enough off the road. He also indicated that the waterline may be encountered during construction because US Water Services Corp. did not have accurate locations of the existing waterline. Also, during the Preconstruction Meeting, US Water Services Corp. was informed that construction was to begin on February 15, 2017. Again, on March 8, 2017, a set of plans was emailed to you per the request of a US Water Corp. employee who was working in the field. (Please note that Project Status Meetings are held bi-weekly and although notified, no representative has been present for the last two meetings.)

Furthermore, during the first phase of construction (approximately from Station 25+00 to Station 40+00), water lines were discovered in the right-of-way when struck by the construction contractor. The water lines of US Water Services Corp. actually are in conflict with the road construction project. This information was relayed to Chris Berish. Chris Berish, along with other US Water Services Corp. staff, made the repair and indicated that as conflicts were located the repairs would be made. However, no plan for relocation was provided, nor was any action taken to relocate other conflicts. Please be aware that location of the conflicts **during** construction is unacceptable as it causes delays to the progress of the project, contractor down time, and interruption of service to citizens.

On Tuesday, March 21, 2017, you received an e-mail requesting immediate attention to the request for a meeting regarding water line conflicts within the construction limits. An e-mail was received from Brad Labella stating a call or email with available meeting dates would come that afternoon or the following morning. To date, no communication to that effect has been received.

Pursuant to Section 337.403, Florida Statutes, you are hereby notified that the water lines of US Water Services Corp. are unreasonably interfering with the reconstruction of Lake Josephine Drive according to the construction plans previously provided to you. US Water Services Corp. is hereby required to relocate its water lines within the project limits of the Lake Josephine Drive reconstruction project as shown on the construction plans previously provided to you and to complete the relocation of those water lines within thirty (30) days after the date of this letter, and to the extent encountered by construction prior to that date, those water lines encountered during reconstruction must be relocated by US Water Services Corp. on the day encountered.

US Water Corp.
March 28, 2017
Page 3 of 3

To prevent further project construction delays and interruption of services, Highlands County requires that your utilities located within the project limits be removed and/or relocated **IMMEDIATELY** to eliminate existing conflicts between the water lines and the road reconstruction project.

If you have any additional questions or concerns, please feel free to me at (863) 402-6877 or via email at chowerton@hcbcc.org.

Sincerely,

Clinton Howerton, Jr., P.E.
County Engineer

Enclosures: Construction Plans
Section 12.14.304., Paragraph J., of the *Highlands County Land Development Regulations*

xc: J.D. Langford, P.E., Assistant County Engineer
J. Ross Macbeth, County Attorney
June Fisher, County Administrator

G:\COUNTYENGINEERING DEPT\UTB 16-028\US Water Corp - Required Relocation Notification - 032817.docx

505 South Commerce Avenue, Sebring, Florida 33870-3869
Phone (863) 402-6877 Fax (863) 402-6548



HIGHLANDS COUNTY
BOARD OF COUNTY COMMISSIONERS

August 23, 2017

**Re: Highlands County Board of County Commissioners Letter of Support for
Financial Assistance – HC Waterworks, Inc.**

To Whom it May Concern:

At its regularly scheduled Commission Meeting held on May 16, 2017, the Highlands County Board of County Commissioners passed Resolution No. 16-17-80, which found the water main was unreasonably interfering with the DOT/County improvement project pursuant to Section 377.401, Florida Statutes. Further, the Board directed HC Waterworks to relocate the water mains at its own expense pursuant to Section 337.403(1), Florida Statutes. However, at that meeting, the Board also unanimously approved providing a letter of support for the utility to pursue outside funding. That outside funding may include legislative appropriations, funding from the Florida Department of Transportation (FDOT), grants, and/or low interest loans from the State Revolving Fund. It is important to note that Highlands County is designated as a Rural Area of Opportunity (RAO). RAO's are defined as rural communities, or a region composed of rural communities, that have been adversely affected by extraordinary economic events or natural disasters.

HC Waterworks is a privately-owned water and wastewater utility regulated by the Florida Public Service Commission (FPSC). This utility's rates are established by the FPSC. The FPSC recognizes that the cost of this project may cause an additional financial burden to the customers of HC Waterworks, who are also residents in Highlands County. If the relocation project is funded through an outside source, it would minimize and/or eliminate the financial impact of this required project on the utility's customers.

The Highlands County Board of County Commissioners supports HC Waterworks' continuing efforts to obtain outside funding to cover the cost of this project. We look forward to working with the state legislators, FDOT, and the Florida Department of Environmental Protection (FDEP) in this endeavor. We are also available for further discussions in this matter.

If you have any further questions, please contact June Fisher, County Administrator at (863) 402-6517.

Sincerely,

Don Elwell
Chairman

G:\COUNTY\BOARD OF COUNTY COMMISSIONERS\Revised Letter of Support for US Water - 082317.doc

P. O. Box 1926
Sebring, Florida 33871-1926
Phone (863) 402-6500
Fax (863) 402-6835



HIGHLANDS COUNTY
BOARD OF COUNTY COMMISSIONERS
ENGINEERING DEPARTMENT

March 28, 2017

VIA EMAIL & CERTIFIED MAIL

US Water Services Corp.
Ron Derossett
4939 Cross Bayou Boulevard
New Port Richey, Florida 34652-3434
Email: rderossett@uswatercorp.net

Subject: NOTIFICATION OF UTILITIES CONFLICT AND REQUIRED REMOVAL
Highlands County Project No.: 13008
FDOT Project Management No.: 430107 1 58 01
Description: Lake Josephine Drive Improvements

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US Water Services Corp.
March 28, 2017
Page 2 of 2

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On Tuesday, March 21, 2017, you received an e-mail requesting immediate attention to the request for a meeting regarding water line conflicts within the construction limits. An e-mail was received from Brad Labella stating a call or email with available meeting dates would come that afternoon or the following morning. To date, no communication to that effect has been received.

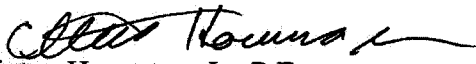
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US Water Corp.
March 28, 2017
Page 3 of 3

To prevent further project construction delays and interruption of services, Highlands County requires that your utilities located within the project limits be removed and/or relocated **IMMEDIATELY** to eliminate existing conflicts between the water lines and the road reconstruction project.

If you have any additional questions or concerns, please feel free to me at (863) 402-6877 or via email at chowerton@hcbcc.org.

Sincerely,


Clinton Howerton, Jr., P.E.
County Engineer

Enclosures: Construction Plans
Section 12.14.304., Paragraph J., of the *Highlands County Land Development Regulations*

xc: J.D. Langford, P.E., Assistant County Engineer
J. Ross Macbeth, County Attorney
June Fisher, County Administrator

G:\COUNTYENGINEERING DEPT\TB 16-026\US Water Corp - Required Relocation Notification - 032817.docx

HIGHLANDS COUNTY LAND DEVELOPMENT REGULATIONS

Occupying the right-of-way without written documentation being on file carries with it the same responsibility as that of a bona fide permit holder. Review of disputes shall be as provided for in section 12.14.300 of this division.
(Ord. No. 05-06-30, § 83)

Section 12.14.302. Joint use of land.

Where the utility agency/owner (UAO) has a compensable interest in the land occupied by its facilities and such land is to be jointly owned or used for road and utility purposes, Highlands County and the UAO shall agree in writing as to the obligations and responsibilities of each party. In any event, the interest to be acquired by or vested in the county in any portion of the right-of-way of a road project to be vacated, used or occupied by utilities or private lines shall be of a nature and extent adequate for the construction, safe operation and maintenance of the road project.
(Ord. No. 05-06-30, § 83)

Section 12.14.303. Prohibited use of county right-of-way.

No individual, firm, company or governmental agency may be permitted to use the county right-of-way for monetary gain except where provided for by the public service commission, Federal Energy Regulatory Commission, Federal Communications Commission, or Highlands County.
(Ord. No. 05-06-30, § 83)

Section 12.14.304. General permit conditions.

A permit to a UAO must be approved by the county engineer before any utility is installed on a county right-of-way, whether it is for aerial or underground installations or attachment onto bridge structures, except as noted in this division of these regulations. A Highlands County Utility Permit application/permit form may be obtained from the office of the county engineer. The permit application fee will be as established by the BCC. When approved and issued, the utility permit will authorize utility construction within a county right-of-way as described in the application and detailed on accompanying drawings. In accepting the permit the applicant/UAO agrees to be bound by this section of these regulations including, but not limited to, the conditions listed below.

- A. The construction and maintenance of such utility shall not interfere with the property and rights of other existing occupants.
- B. All work shall be done in keeping with standards of the county engineering department and subject to the approval of the county engineer.
- C. All materials and equipment shall be subject to inspection by the county engineer.
- D. During construction all safety regulations shall be observed and the county shall be relieved of all responsibility from damage of any nature arising from this permit.
- E. All county property shall be restored to its original condition as far as practical.
- F. All construction shall conform to the standards and requirements of this section. If at any time during the utility installation/construction, the county engineer finds that the permit conditions have been violated, the county engineer may issue an immediate stop work order. The stop work order shall be in effect until

HIGHLANDS COUNTY LAND DEVELOPMENT REGULATIONS

the operation is brought into compliance with the permit. Failure to perform satisfactory construction may result in the county's not issuing additional permits to the applicant until deficiencies are corrected.

- G. The attached drawing is made a part of the permit.
- H. It is expressly stipulated that the permit is a license for permissive use only and that the placing of facilities upon public property pursuant to this permit shall not operate to create or to vest any property right in said holder.
- I. The permit shall state whether it is granted in perpetuity or for a term of years and in either event that:
 - 1. The permit is subject to termination by the BCC without compensation in the event the road or highway is closed, abandoned, vacated, discontinued, or reconstructed; and
 - 2. In the event of widening, repair, or reconstruction of any such road, the permittee shall move or remove such utility facilities at no cost to the county.
- J. Whenever necessary for the construction, repair, improvement, alteration, or relocation of all, or any portion of said road or street as determined by the county engineer, any or all of said poles, wires, pipes, cables or other facilities and appurtenances authorized hereunder, shall be immediately removed from the said road or street, or reset or relocated thereon, as required by the county engineer and at the expense of the holder.
- K. The permittee shall complete permitted construction within 365 calendar days from date of said permit.
- L. Applicant declares that prior to filing this application he has ascertained the location of all existing utilities, both aerial and underground. Applicant also declares that due notice of work under application was furnished to each utility involved and that copies of letters addressed to said user are attached.
- M. It is understood and agreed that the rights and privileges herein set out are granted only to the extent of the county's right, title and interest in the land to be entered upon and used by the holder and the holder will at all times assume all risk of and indemnify, defend, and save harmless Highlands County from and against any and all loss, damages, cost or expense arising in any manner on account of the exercise or attempted exercises by said holder of the aforesaid rights and privileges. During construction, all safety regulations of the Florida Department of Transportation shall be observed and the holder must take such measures, including placing and display of safety devices, as may be necessary in order to safely conduct the public through the project area.
- N. The office of the county engineer shall be notified 24 hours in advance before starting work.
- O. The permittee agrees to accept maintenance of any road cut or subterranean crossing for a period of 36 months after the county engineer's office is notified of completion of construction.

(Ord. No. 05-06-30, § 83)

HC WATERWORKS, INC.

April 24, 2017

June Fisher
County Administrator
Highlands County Board of County Commissioners
600 South Commerce Ave.
Sebring, FL 33870

RE: Highlands County Project No. 13008; FDOT Project Mgt. No. 430107 1 58 01 – Lake Josephine Drive Improvements

Dear Ms. Fisher:

I am writing to respond to your Engineering Department's request dated March 28, 2017 on the above referenced County/Florida Department of Transportation's road improvement project on Lake Josephine Drive and the potential impact it may have on the residence and customers of HC Waterworks, Inc. HC Waterworks is a privately owned regulated water and wastewater utility. The utility's rates are regulated by the Florida Public Service Commission. Prior to the current owners' purchase, this utility company was previously owned by Aqua Utilities Florida, Inc. (AUF). When AUF decided to exit the State of Florida, the utility company was offered to Highlands County. Highlands County and other larger private utility companies declined to pursue any purchase and ownership of the utility company. Primarily this was due to the remote location of the community and the high operating costs due to the age of the utility, and the water quality issues.

The prior owner (AUF) expended substantial amounts installing three (3) AdEdge filtration systems on the water wells in order to address the customers concerns on water quality. The raw water source for HC Waterworks' water systems contains naturally occurring constituents, such as iron and sulfides, which at times can cause undesirable color, taste, and odor. HC Waterworks' water treatment plants (WTP) use these AdEdge filters to remove elemental sulfur from the well water.

In a concerted effort to maintain the current rates without any further increases to its customers, the new owners have worked diligently to reduce operating costs while maintaining the quality of service its customers expect and deserve. In 2014, HC Waterworks filed a rate case with the FPSC to cover its operating cost and return on its investment. The FPSC approved the rate increase and issued Order No. PSC-15-0282-PAA-WS on July 8, 2015.

The above referenced project for the widening and improvements of Lake Josephine Drive by the County and FDOT will have a definite substantial financial impact on HC Waterworks and its customers.

4939 Cross Bayou Boulevard, New Port Richey, FL 34652
Tel: (866) 753-8292 Fax: (727) 848-7701

Highlands County Board of County Commissioners
April 24, 2017

These customers are in the low to middle class with many retired and on Social Security. In your current request, Highlands County is indicating that HC waterworks will have to carry the burden of moving its existing water distribution supply lines which are in the existing right of ways. If HC Waterworks is forced to finance this project, the utility will have no alternative then to seek additional rate relief under Section 367.081, Florida Statutes (F.S.) for recovery. Pursuant to Section 367.081(2)(a)2a, F.S., the cost of this government required relocation of water lines would be passed onto the utility's ratepayers.

HC Waterworks is a small utility providing water service to approximately 960 customers located in Highlands County. The utility does not have unlimited financial resources to fund this large project without increasing customer rates, which it believes is relatively high already. This project will potentially cost approximately \$750,000 - \$1,000,000 or higher which would place a significant financial burden on the Utility and its customers. Attached is a schedule showing the current water and wastewater rates and amount of customer bills for various water and wastewater providers in Highlands County. This includes both private and government owned utilities. As you can see, HC Waterworks already has some of the highest rates in the County. In addition, attached are schedules showing the potential impact on the customers of HC Waterworks if the project costs are \$1,000,000. This project may have the effect of increasing water rates over 22%.

Due to the declining financial position of HC Waterworks and the effect such a large project would have on its customers, the utility respectfully requests financial assistance from either the FDOT and/or the County to share the financial burden of moving the existing water distribution lines which have been in service in the current right of way since at least 1984 or sooner. If the County and FDOT continue to require HC Waterworks to carry the burden of moving its existing water and/or wastewater lines for the road widening project, the ultimate cost will be borne by the existing ratepayers.

HC Waterworks is not opposing the design and construction of the water main replacement, but additional information was required in order to move forward. On April 20, 2017, HC Waterworks received the county's plans which contained the locations of the telephone cables located in the right of way. Since we now have received this information from the County, the utility is now able to move forward with designing the appropriate location of the water main.

Prior to the construction meeting held on March 28, 2017, the utility was unaware of the County's intent to not have water lines located under the pavement of the road. Subsequently, the utility was informed on April 19, 2017 that the County wanted the water lines located six foot (6') off of the edge of the paved shoulder of the new road. On February June 30, 2016, Mr. Ron DeRossett e-mailed Ms. Deborah Carnahan at 7:51 a.m. indicating that the utility had no conflicts with the road widening project. In this e-mail, Mr. DeRossett requested, "If you have any conflicts that you are aware of, please let me know and we can meet with your contractor to resolve." No one from the County contacted the utility to indicate there were conflicts nor requested a meeting.

The Construction Plans received do have a Utilities section under the General Notes and Specifications. Under this Utility Specification, it states:

Highlands County Board of County Commissioners
April 24, 2017

1. It is the Contractor's responsibility to contact the various utility companies which may have buried or aerial utilities within or near the construction area before commencing work. The Contractor shall provide 48 hours minimum notice to all utility companies in advance of any excavation involving their utilities so that a company representative can be present. A list of the utility companies which the Contractor MUST call before commencing work is provided in these construction plans.
2. Existing utilities shown are located according to the information available to the Engineer at the time of the topographic survey and have not been independently verified by the Owner or Engineer. Guarantee is not made that all existing underground utilities are shown or that the location of those shown are entirely accurate. Finding the actual location of any existing utilities is the Contractor's responsibility and shall be done before he/she commences any work in the vicinity. Furthermore, the Contractor shall be fully responsible for any and all damages due to the Contractor's failure to exactly locate and preserve any and all underground utilities.

Should there be utility conflicts, the Contractor shall inform the Engineer and notify the respective utility owners to resolve utility conflicts and utility adjustments as required.

The water main has been hit and broke by the contractor four (4) times since the start of the project. Most recently, the Contractor hit the water main three (3) times on April, 18, 2017. This caused the issuance of Boil Water Notices and required follow up testing for two (2) consecutive days, adding additional costs to the utility. Again, HC Waterworks was not notified by either the Contractor or the Engineer of any conflicts with the water mains.

HC Waterworks fully intends to move forward as expeditiously as possible to resolve any utility conflicts and if necessary, replace and move the existing water main. As previously indicated to the County, if replacement is required, HC Waterworks intends to replace the existing four inch (4") main with an eight inch (8") main in order to provide the required fire flow requirements of the county and to improve the water pressure to its customers. Various innuendos, remarks, and threats have been directed towards the utility. HC Waterworks believes these are unproductive and only hinders the process. As stated several times, the utility is committed to work with the County and its Contractor to alleviate these utility conflicts. The water customers' health and safety is imperative and must be protected so these residents can continue to receive a safe potable water supply. The utility was even told that the County would just "cut the water line" and it would be the utility's problem. This is unacceptable for the safety and welfare of the water customers of the utility.

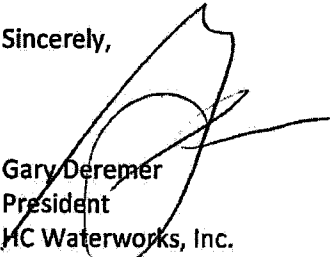
HC Waterworks is formally requesting funding from either the FDOT or County. HC Waterworks has requested that the Highlands County Board of County Commissioners take up its request for funding of this project at its next public board meeting or as expeditiously as possible.

Highlands County Board of County Commissioners
April 24, 2017

At the April 19, 2017 meeting with one of the Commissioners and various county staff, HC Waterworks was told that "the county wasn't requiring the replacement." However, in the March 28, 2017 letter from the Engineering Department, the County indicated that the utility was required to make the relocation at its expense. HC Waterworks requests that the County either hold a public meeting to consider this requirement or at the very least, issue a formal letter from the Board of County Commissioners requiring the utility to proceed. In the County letter it references Section 337.403, Florida Statutes (F.S.). In reading Section 337.403, F.S. the statute refers to "the authority" finding of unreasonable interference with any improvements. In Section 337.401, F.S., "the authority" is defined as the Department of Transportation and local governmental entities. HC Waterworks is requesting a formal finding of unreasonable interference of its water lines from the authority as defined in Section 337.401, F.S.

If you have any further questions, please contact Mr. Troy Rendell at U.S. Water Services Corporation at (727) 848-8292, ext. 245. Any assistance in this matter would be appreciated.

Sincerely,



Gary Deremer
President
HC Waterworks, Inc.

Cc: L.K. Nandam, District 1 Secretary, Florida Department of Transportation
Senator Denise Grimsley, State Senate, District 26
Representative Cary Pigman, State House, District 55
J.R. Kelly, Office of Public Council
County Commissioner Greg Harris, District 5
County Commissioner James Brooks, District 1
County Commissioner Don Elwell, District 2
County Commissioner Ron Hadley, District 3
County Commissioner Jack Richey, District 4
Andrew Maurey, Division Director, Florida Public Service Commission



Florida Department of Environmental Protection

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@floridadep.gov

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

April 3, 2018

PERMITTEE:

Gary Deremer, President
HC Waterworks, Inc.
4939 Cross Bayou Blvd.
New Port Richey, FL 34652
Emailed to: gderemer@uswatercorp.net

RE: Highlands County – PW
HC Waterworks, Inc. - Josephine
Drive Watermain Replacement
294314-002-DSGP/02
(HC Waterworks, Inc. Lake Josephine
WTP)
PWS ID: 6280162

Dear Mr. Deremer:

This acknowledges receipt of certification that the subject water distribution system has been **completed** in accordance with the plans and related materials permitted by this agency under Permit Number 294314-002-DSGP/02 dated June 9, 2017, or that the deviations described and explained on DEP Form 62-555.900(9) and associated documents are in compliance with Chapters 62-550 and 62-555, F.A.C.

Based on this certification and satisfactory bacteriological results, we are approving the system for service. Your continued cooperation in our water supply program is appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read "O. James Oni", is written over a horizontal line.

O. James Oni
Professional Engineer
Water Facilities

OJO/AE/rcd

cc: Mohammed Y. Kader, P.E. mkader@uswatercorp.net



Water and Wastewater Utility Operations, Maintenance, Engineering, Management, Construction

March 27, 2018

Mr. O. James Oni, P.E., Manager
Drinking Water Permitting Section
Florida Department of Environmental Protection
2295 Victoria Avenue, Suite 364
Fort Myers, FL 33902

**RE: HC Waterworks, Inc. – Lake Jo Dr WM Replacement
Certificate of Construction Completion Form
PWS ID Number 628-0162, Permit No. 294314-002-DSGP/02**

Dear Mr. Oni:

Please find attached the Certificate of Completion of Construction DEP Form 62-555.900(9) for this project.

If you have any questions or comments regarding this project, please do not hesitate to contact me at (727) 243-5875.

Sincerely



3/27/2018

Mo Kader, P.E.
Engineering Services
U.S. Water Services Corporation

MK/mk

Attachments

cc: Gary Derermer, HC Waterworks, Inc.

4939 Cross Bayou Blvd. ~ New Port Richey ~ Florida 34652

Ph: 727-848-8292 ~ Fax: 727-848-7701 ~ Toll Free: 866-753-8292



CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

See page 5 for instructions.

I. General Project Information

A. Name of Project: HC Waterworks, Inc. - Lake Josephine Drive Watermain Replacement

B. Department of Environmental Protection (DEP) Construction Permit

Permit Number: 294314-002-DSGP/02

Date Permit Was Issued: 06/09/2017

C. Portion of Project for Which Construction Is Substantially Complete and for Which Clearance Is Requested

☒ Entire Project

☐ Following Portion of Project: _____

D. Permittee

PWS/Company Name: Hc Waterworks, Inc.

PWS Identification Number: * 6280162

PWS Type: * ☒ Community ☐ Non-Transient Non-Community ☐ Transient Non-Community ☐ Consecutive

Contact Person: Gary Deremer

Contact Person's Title: President

Contact Person's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Contact Person's Telephone Number: 7278488292

Contact Person's Fax Number: 7278487701

Contact Person's E-Mail Address: gderemer@uswatercorp.net

* This information is required only if the permittee is a public water system (PWS).

E. Public Water System (PWS) Supplying Water to Project

PWS Name: Hc Waterworks, Inc.

PWS Identification Number: 6280162

PWS Type: ☒ Community ☐ Non-Transient Non-Community ☐ Transient Non-Community ☐ Consecutive

PWS Owner: HC Waterworks, Inc.

Contact Person: Gary Deremer

Contact Person's Title: President

Contact Person's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Contact Person's Telephone Number: 7278488292

Contact Person's Fax Number: 7278487701

Contact Person's E-Mail Address: gderemer@uswatercorp.net

F. Public Water System (PWS) that Will Own Project After It Is Placed into Permanent Operation

PWS Name: Hc Waterworks, Inc.

PWS Identification Number: * 6280162

PWS Type: * ☒ Community ☐ Non-Transient Non-Community ☐ Transient Non-Community ☐ Consecutive

PWS Owner: HC Waterworks, Inc.

Contact Person: Gary Deremer

Contact Person's Title: President

Contact Person's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Contact Person's Telephone Number: 7278488292

Contact Person's Fax Number: 7278487701

Contact Person's E-Mail Address: gderemer@uswatercorp.net

* This information is required only if the owner/operator is an existing PWS.

G. Professional Engineer in Responsible Charge of Inspecting Construction of Project*

Company Name: U.S. Water Services Corporation

Engineer: Mohammed Y. Kader, P.E.

Engineer's Florida License Number: 45129

Engineer's Title: Director of Engineering

Engineer's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Engineer's Telephone Number: 7278488292

Engineer's Fax Number: 7278487701

Engineer's E-Mail Address: mkader@uswatercorp.net

* This information is required if construction of this project is inspected under the responsible charge of a professional engineer licensed in Florida. Whenever a project is designed under the responsible charge of a professional engineer licensed in Florida and is permitted by the Department, construction of the project shall be inspected under the responsible charge of a professional engineer licensed in Florida.

CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

DEP Construction Permit Number: 294314-002-DSGP/02

Substantially Complete Portion of Project if Other than Entire Project:

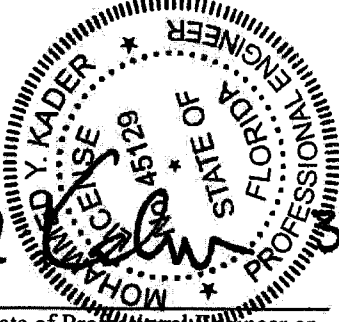
II. Deviations from Department of Environmental Protection (DEP) Construction Permit for Project:

Description and explanation of all deviations from the DEP construction permit, including the approved preliminary design report or drawings and specifications, for the substantially complete portion of this project: Minor

PERMITTED: 8989 LF of 8" DR18 C900 PVC pipe and 29 LF of 4" DR18 C900 PVC pipe.

CONSTRUCTED: 9566 LF of 8" DR18 C900 PVC pipe and 476 LF of 4" DR18 C900 PVC pipe.

I completed Part II of this form, and the information provided in Part II is true and accurate to the best of my knowledge and belief.


Signature, Seal, and Date of Professional Engineer or
Signature and Date of Authorized Representative of
Permittee*

27/2018

Mohammed Y. Kader, P.E.

Printed or Typed Name

45129

License Number of Professional
Engineer or Title of Authorized
Representative of Permittee*

* Whenever a project is designed under the responsible charge of a professional engineer licensed in Florida and is permitted by the Department, construction of the project shall be inspected under the responsible charge of a professional engineer licensed in Florida. If construction of this project is inspected under the responsible charge of a professional engineer licensed in Florida, Part II of this form shall be completed, signed, sealed, and dated by the professional engineer in responsible charge. If this project is not inspected under the responsible charge of a professional engineer licensed in Florida, Part II shall be completed, signed, and dated by an authorized representative of the permittee.

III. Certifications

A. Certification by Permittee

I am duly authorized to sign this form on behalf of the permittee identified in Part I.D of this form. I certify the following:

- to the best of my knowledge and belief, the substantially complete portion of this project is sufficiently complete to be utilized for the purposes for which it is intended;
- to the best of my knowledge and belief, the substantially complete portion of this project has been completed in accordance with the Department of Environmental Protection construction permit, including the approved preliminary design report or drawings and specifications, for this project; or to the best of my knowledge and belief, the deviations described and explained in Part II of this form will not prevent the substantially complete portion of this project from functioning in compliance with Chapters 62-550 and 62-555, F.A.C.;

CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION


DEP Construction Permit Number: 294314-002-DSGP/02

Substantially Complete Portion of Project if Other than Entire Project:

- to the best of my knowledge and belief, all new or altered public water system components that are included in the substantially complete portion of this project and that must be disinfected and bacteriologically surveyed or evaluated per subsection 62-555.315(6), F.A.C., or Rule 62-555.340, F.A.C., have been disinfected and bacteriologically surveyed or evaluated in accordance with said subsection or said rule;
- the permittee has had complete record drawings produced for the substantially complete portion of this project; to the best of my knowledge and belief, said record drawings adequately depict the substantially complete portion of this project as constructed and identify the deviations described and explained in Part II of this form; and said record drawings are available for review at the following location: water treatment plant

- if the substantially complete portion of this project includes any new or altered drinking water treatment facilities, an operation and maintenance manual for said treatment facilities is available for reference at the site of said treatment facilities or at a convenient location near the site of said treatment facilities.

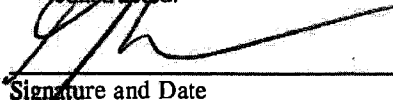
I also certify that if the permittee will not own this project after it is placed into permanent operation, the permittee has provided a copy of the above mentioned record drawings and a copy of the above mentioned operation and maintenance manual, if applicable, to the PWS that will own this project after it is placed into permanent operation.

 3/27/18 Gary Deremer President
Signature and Date Printed or Typed Name Title

B. Certification by PWS Supplying Water to Project

I am duly authorized to sign this form on behalf of the PWS identified in Part I.E of this form. I certify that said PWS will supply the water necessary to meet the water demands for the substantially complete portion of this project, and I certify the following:

- to the best of my knowledge and belief, said PWS's connection to the substantially complete portion of this project will not cause said PWS to be, or contribute to said PWS being, in noncompliance with Chapter 62-550 or 62-555, F.A.C.;
- said PWS considers the connection(s) between the substantially complete portion of this project and said PWS acceptable as constructed.

 3/27/18 Gary Deremer President
Signature and Date Printed or Typed Name Title

C. Certification by PWS that Will Own Project After It Is Placed into Permanent Operation

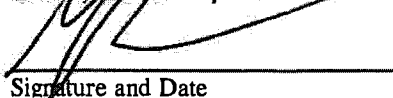
I am duly authorized to sign this form on behalf of the PWS identified in Part I.F of this form. I certify that said PWS will own the substantially complete portion of this project after it is placed into permanent operation, and I certify the following:

- said PWS considers the substantially complete portion of this project acceptable as constructed;
- said PWS has received complete record drawings for the substantially complete portion of this project and the record drawings

are available for review at the following location: water treatment plant

- if the substantially complete portion of this project includes any new or altered drinking water treatment facilities, said PWS has received an operation and maintenance manual for the new or altered treatment facilities, and the operation and maintenance manual is available for reference at the site of the new or altered treatment facilities or at a convenient location near the site of the new or altered treatment facilities.

I understand that said PWS must operate and maintain this project in a such a manner as to comply with Chapters 62-550, 62-555, 62-560, and 62-699, F.A.C.

 3/27/18 Gary Deremer President
Signature and Date Printed or Typed Name Title

CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

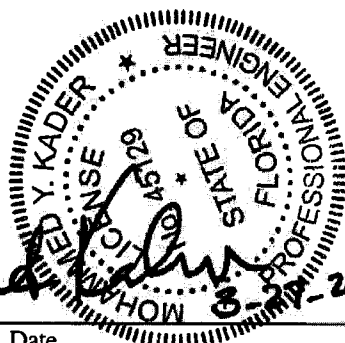
DEP Construction Permit Number: 294314-002-DSGP/02

Substantially Complete Portion of Project if Other than Entire Project:

D. Certification by Professional Engineer in Responsible Charge of Inspecting Construction of Project*

I, the undersigned professional engineer licensed in Florida, am in responsible charge of inspecting construction of this project for the purpose of determining in general if the construction proceeds in compliance with the Department of Environmental Protection (DEP) construction permit, including the approved preliminary design report or drawings and specifications, for this project. I, or a person acting under my responsible charge, observed construction of the substantially complete portion of this project and reviewed shop drawings, test results, and record drawings for the substantially complete portion of this project, and based upon said observation and reviews, I certify the following:

- the substantially complete portion of this project is sufficiently complete to be utilized for the purposes for which it is intended;
- the substantially complete portion of this project has been completed in accordance with the DEP construction permit, including the approved preliminary design report or drawings and specifications, for this project; or to the best of my knowledge and belief, the deviations described and explained in Part II of this form will not prevent the substantially complete portion of this project from functioning in compliance with Chapters 62-550 and 62-555, F.A.C.;
- all new or altered public water system components that are included in the substantially complete portion of this project and that must be disinfected and bacteriologically surveyed or evaluated per subsection 62-555.315(6), F.A.C., or Rule 62-555.340, F.A.C., have been disinfected and bacteriologically surveyed or evaluated in accordance with said subsection or said rule; and
- the record drawings for the substantially complete portion of this project adequately depict the substantially complete portion of this project as constructed and identify the deviations described and explained in Part II of this form.



Mohammed Y. Kader
3-27-2018

Signature, Seal, and Date

Mohammed Y. Kader, P.E.

Printed or Typed Name

45129

License Number

* Whenever a project is designed under the responsible charge of a professional engineer licensed in Florida and is permitted by the Department, construction of the project shall be inspected under the responsible charge of a professional engineer licensed in Florida. If construction of this project is inspected under the responsible charge of a professional engineer licensed in Florida, Part III.D of this form shall be completed, signed, sealed, and dated by the professional engineer in responsible charge. If this project is not inspected under the responsible charge of a professional engineer licensed in Florida, Part III.D does not have to be completed.

CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

INSTRUCTIONS: This form shall be completed and submitted for projects permitted and constructed under specific Department of Environmental Protection (DEP) construction permits for public water system components, under the DEP's "General Permit for Construction of Water Main Extensions for Public Water Systems," or under the DEP's "General Permit for Construction of Lead or Copper Corrosion Control, or Iron or Manganese Sequestration, Treatment Facilities for Small or Medium Public Water Systems." AFTER COMPLETING, OR SUBSTANTIALLY COMPLETING, CONSTRUCTION OF A PROJECT, OR A PORTION THEREOF, AND BEFORE PLACING THE SUBSTANTIALLY COMPLETE PROJECT, OR PORTION THEREOF, INTO OPERATION FOR ANY PURPOSE OTHER THAN DISINFECTION, TESTING FOR LEAKS, OR TESTING EQUIPMENT OPERATION, complete and submit one copy of this form to the appropriate DEP District Office or Approved County Health Department along with one copy of the following information:

- the portion of record drawings showing deviations from the DEP construction permit, including the approved preliminary design report or drawings and specifications, if there are any deviations from said permit (note that it is necessary to submit a copy of only the portion of record drawings showing deviations and not a complete set of record drawings);
- bacteriological test results, including a sketch or description of all bacteriological sampling locations, demonstrating compliance with subsection 62-555.315(6), F.A.C., or Rule 62-555.340, F.A.C., if the substantially complete portion of the project includes any new or altered public water system (PWS) components that must be disinfected and bacteriologically surveyed or evaluated per said subsection or said rule;
- analytical test results demonstrating compliance with Part III of Chapter 62-550, F.A.C., or subsection 62-524.650(2), F.A.C., if the substantially complete portion of the project includes any new or altered PWS components that are necessary to achieve, or affect, compliance with said part or said subsection;
- a completed Form 62-555.900(20), New Water System Capacity Development Financial and Managerial Operations Plan, if the DEP construction permit was issued before the effective date of Rule 62-555.525, F.A.C., (9-22-99) and the substantially complete portion of the project creates a "new system" as described under subsection 62-555.525(1), F.A.C.; and
- any other information required by conditions in the DEP construction permit.

All information provided on this form shall be typed or printed in ink. NOTE THAT A SEPARATE CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE IS REQUIRED FOR EACH PERMITTED PROJECT. **DO NOT PLACE ANY NEW OR ALTERED PWS COMPONENTS INTO PERMANENT OPERATION UNTIL THE DEPARTMENT ISSUES WRITTEN APPROVAL, OR CLEARANCE, TO PLACE THE COMPONENTS INTO PERMANENT OPERATION.**

BJ Enterprises, Inc.



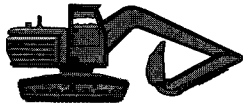
6581 Slater Pines Drive
North Fort Myers, FL 33917
Office 239-731-2333
Fax 239-731-5205

To:	US Water Corp.
Job:	Lake Josephine Dr.-Waterline Imp.
Eng/last rev.:	US Water Servises Corp. Dated 5/17/17
Date:	May 21, 2017
Revised:	
Reason for revision:	
Estimator:	Mike Farrar

We are pleased to submit this job estimate;

Item #	Description	Quantity	Unit Price	Total
1				
2				
3				
4				
5	Sewer			\$0.00
6	Water			\$440,403.30
7	Fire			\$0.00
8	Drainage			\$0.00
9	Force main			\$0.00
10	Site			\$0.00
11	Alternate			\$0.00
12	Mobilization			\$0.00
13				
14				
15				
16	Any water usage billed by utility franchise by bulk			
17	meter or bulk fee will be charged to the owner.			
18	Due to unstable pipe prices, pipe distributors will only			
19	hold prices for 10 days & shipped in 30 days. Pipe price			
20	will be negotiable at the time of a contract.			
21	Not in contract: Construction stakeout, Rock or unsuitable			
22	material that cannot be dug out with 30,000# machine,			
23	densities, electric at lift station panel			
24	permits (including ROW use permits).			
25	Prices quoted effective 30 days			
26	Bid is a unit price proposal. All pay quantities determined			
27	by field measurement. All water fees paid by owner.			
28	Asphalt is for trench repair only, no overlay are included			
29	If remobilization is required a minimum fee of \$725 per			
30	piece of equipment will be charged.			
31	Certified Asbuilts are additional expense.			
32				
33				
34				
35	Total			\$440,403.30

BJ Enterprises, Inc



6581 Slater Pines Drive
North Fort Myers, FL 33917
Office 239-731-2333
Fax 239-731-5205

To:	US Water Corp.
Job:	Lake Josephine Dr.-Waterline Imp.
Eng/last rev.:	US Water Services Corp. Dated 5/17/
Date:	May 21, 2017
Revised:	
Reason for revision:	
Estimator:	Mike Farrar

We are pleased to submit this job estimate;

Water

Item #	Description	Quantity	Unit price	Total
1	Mobilization	1 EA	\$10,300.00	\$10,300.00
2	8" DR-18 PVC C-900	4125 LF	\$28.71	\$118,428.75
3	16" HDPE Directional Bore	395 LF	\$137.72	\$54,399.40
4	8" SDR-11 HDPE carrier pipe	455 LF	\$31.57	\$14,364.35
5	8" Gate valve	16 EA	\$1,413.50	\$22,616.00
6	8X8" Tee	2 EA	\$558.80	\$1,117.60
7	8X4" Tee	2 EA	\$537.90	\$1,075.80
8	8X3" Tee	2 EA	\$524.70	\$1,049.40
9	8" 45 Bend	4 EA	\$347.60	\$1,390.40
10	8" 22.5 Bend	15 EA	\$339.90	\$5,098.50
11	8"X4" Tap Cap	1 EA	\$181.50	\$181.50
12	8"X2" Tap Cap	2 EA	\$179.30	\$358.60
13	Fire Hydrant Assy. W/90 bend	10 EA	\$4,208.60	\$42,086.00
14	ARV in underground vault	1 EA	\$6,336.00	\$6,336.00
15	Connection after clearance 8"	2 EA	\$2,125.20	\$4,250.40
16	4" DR-18 PVC C-900	408 LF	\$23.65	\$9,649.20
17	8" SDR-11 HDPE Directional Bore	50 LF	\$69.30	\$3,465.00
18	4" HDPE Carrier pipe	60 LF	\$20.90	\$1,254.00
19	4" Gate valve	1 EA	\$694.10	\$694.10
20	4" 90 Bend	3 EA	\$240.90	\$722.70
21	4" 45 Bend	4 EA	\$229.90	\$919.60
22	Connection after clearance 4"	7 EA	\$1,614.80	\$11,303.60
23	3" DR-18 PVC C-900	20 LF	\$22.11	\$442.20
24	Connection after clearance 3"	1 EA	\$1,599.40	\$1,599.40
25	8X2" Saddle with Gate Valve	1 EA	\$709.50	\$709.50
26	2" Sch. 80 PVC	20 LF	\$17.60	\$352.00
27	Connection after clearance 2"	2 EA	\$935.00	\$1,870.00
28	1" Service W/Saddle, meter box, corp stop, No BFF	39 EA	\$1,639.00	\$63,921.00
29	Abandon existing water main (Fill with grout)	5425 LF	\$9.90	\$53,707.50
30	Testing/Bacti's	1 LS	\$6,740.80	\$6,740.80
31				
32				
Total				\$440,403.30

BJ Enterprises, Inc.



6581 Slater Pines Drive
North Fort Myers, FL 33917
Office 239-731-2333
Fax 239-731-5205

To:	US Water Corp.
Job:	Lake Josephine Dr.-Waterline Imp.
Eng:	US Water Servises Corp. Dated 5/17/17
Date:	May 21, 2017
Revised:	
Reason for revision:	
Estimator:	Mike Farrar

We are pleased to submit this job estimate;

Additional notes

Item #	Description			Total
1				
2	NOTES:			
3	1. These notes are additional to the notes on cover			
4	2. No soil borings included, please read rock excavation note			
5	on cover.			
6	3. Proposal does not include demolition, clearing, or restoration			
7	of any kind (ie. Asphalt, sod, shell) Unless specifically listed			
8	4. Proposal does not include survey or certified asbuilts			
9	5. Does not include bonding			
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
29				
30				
31				
32				
33				
34				
35				
36				
37				
Total				\$0.00

AIA Document A101™ – 2007

Standard Form of Agreement Between Owner and Contractor where the basis of payment is a Stipulated Sum

AGREEMENT made as of the *FIFTH* day of *JUNE*
in the year 2017
(In words, indicate day, month and year.)

BETWEEN the Owner:
(Name, legal status, address and other information)

HC Waterworks, Inc.
4939 Cross Bayou Blvd
New Port Richey, FL 34652
Phone (727) 848-8292

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

AIA Document A201™–2007, General Conditions of the Contract for Construction, is adopted in this document by reference. Do not use with other general conditions unless this document is modified.

and the Contractor:
(Name, legal status, address and other information)

Excavation Point Inc.
7944 S. George Blvd
Sebring, FL 33875
Phone (863) 471-1997

for the following Project:
(Name, location and detailed description)
Lake Josephine Drive Improvements
8" Water Main approx. STA 118+00 to STA
69+00 and approx. STA 26+00 to STA 53+00

The Architect:
(Name, legal status, address and other information)

U.S. Water Services Corporation
4939 Cross Bayou Blvd
New Port Richey, FL 34652-3434
Phone (727) 848-8292

The Owner and Contractor agree as follows.

Init.

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TABLE OF ARTICLES

- 1 THE CONTRACT DOCUMENTS
- 2 THE WORK OF THIS CONTRACT
- 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION
- 4 CONTRACT SUM
- 5 PAYMENTS
- 6 DISPUTE RESOLUTION
- 7 TERMINATION OR SUSPENSION
- 8 MISCELLANEOUS PROVISIONS
- 9 ENUMERATION OF CONTRACT DOCUMENTS
- 10 INSURANCE AND BONDS

ARTICLE 1 THE CONTRACT DOCUMENTS

The Contract Documents consist of this Agreement, Conditions of the Contract (General, Supplementary and other Conditions), Drawings, Specifications, Addenda issued prior to execution of this Agreement, other documents listed in this Agreement and Modifications issued after execution of this Agreement, all of which form the Contract, and are as fully a part of the Contract as if attached to this Agreement or repeated herein. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations or agreements, either written or oral. An enumeration of the Contract Documents, other than a Modification, appears in Article 9.

ARTICLE 2 THE WORK OF THIS CONTRACT

The Contractor shall fully execute the Work described in the Contract Documents, except as specifically indicated in the Contract Documents to be the responsibility of others.

ARTICLE 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

§ 3.1 The date of commencement of the Work shall be the date of this Agreement unless a different date is stated below or provision is made for the date to be fixed in a notice to proceed issued by the Owner.

(Insert the date of commencement if it differs from the date of this Agreement or, if applicable, state that the date will be fixed in a notice to proceed.)

To Be Determined

If, prior to the commencement of the Work, the Owner requires time to file mortgages and other security interests, the Owner's time requirement shall be as follows:

§ 3.2 The Contract Time shall be measured from the date of commencement.

Init.

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§ 3.3 The Contractor shall achieve Substantial Completion of the entire Work not later than
 Not Applicable () days from the date of commencement, or as follows:
(Insert number of calendar days. Alternatively, a calendar date may be used when coordinated with the date of commencement. If appropriate, insert requirements for earlier Substantial Completion of certain portions of the Work.)

Portion of the Work
 Not Applicable

Substantial Completion Date

, subject to adjustments of this Contract Time as provided in the Contract Documents.
(Insert provisions, if any, for liquidated damages relating to failure to achieve Substantial Completion on time or for bonus payments for early completion of the Work.)
 Not Applicable

ARTICLE 4 CONTRACT SUM

§ 4.1 The Owner shall pay the Contractor the Contract Sum in current funds for the Contractor's performance of the Contract. The Contract Sum shall be

Three Hundred Thirty Thousand Three Hundred Forty-Nine Dollars and Zero Cents (\$330,349.00), subject to additions and deductions as provided in the Contract Documents

§ 4.2 The Contract Sum is based upon the following alternates, if any, which are described in the Contract Documents and are hereby accepted by the Owner:

(State the numbers or other identification of accepted alternates. If the bidding or proposal documents permit the Owner to accept other alternates subsequent to the execution of this Agreement, attach a schedule of such other alternates showing the amount for each and the date when that amount expires.)

Not applicable

§ 4.3 Unit prices, if any:

(Identify and state the unit price; state quantity limitations, if any, to which the unit price will be applicable.)

Item	Units and Limitations	Price per Unit (\$0.00)
Excavation Point Inc. will furnish labor, material and equipment to install single water service connections on new main in conjunction with water main construction. Services will be left at water main location, final tie-in by US Water. Quantity unknown so price below is each price.		\$494.00 each

Init.

§ 4.4 Allowances included in the Contract Sum, if any:
(Identify allowance and state exclusions, if any, from the allowance price.)

Item	Price (\$0.00)
Not Applicable	

ARTICLE 5 PAYMENTS

§ 5.1 PROGRESS PAYMENTS

§ 5.1.1 Based upon Applications for Payment submitted to the Architect by the Contractor and Certificates for Payment issued by the Architect, the Owner shall make progress payments on account of the Contract Sum to the Contractor as provided below and elsewhere in the Contract Documents.

§ 5.1.2 The period covered by each Application for Payment shall be one calendar month ending on the last day of the month, or as follows:

§ 5.1.3 Provided that an Application for Payment is received by the Architect not later than the 25th day of a month, the Owner shall make payment of the certified amount to the Contractor not later than the 10th day of the (following) month. If an Application for Payment is received by the Architect after the application date fixed above, payment shall be made by the Owner not later than thirty (30) days after the Architect receives the Application for Payment.
(Federal, state or local laws may require payment within a certain period of time.)

§ 5.1.4 Each Application for Payment shall be based on the most recent schedule of values submitted by the Contractor in accordance with the Contract Documents. The schedule of values shall allocate the entire Contract Sum among the various portions of the Work. The schedule of values shall be prepared in such form and supported by such data to substantiate its accuracy as the Architect may require. This schedule, unless objected to by the Architect, shall be used as a basis for reviewing the Contractor's Applications for Payment.

§ 5.1.5 Applications for Payment shall show the percentage of completion of each portion of the Work as of the end of the period covered by the Application for Payment.

§ 5.1.6 Subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed as follows:

- .1 Take that portion of the Contract Sum properly allocable to completed Work as determined by multiplying the percentage completion of each portion of the Work by the share of the Contract Sum allocated to that portion of the Work in the schedule of values, less retainage of ten percent (10 %). Pending final determination of cost to the Owner of changes in the Work, amounts not in dispute shall be included as provided in Section 7.3.9 of AIA Document A201™-2007, General Conditions of the Contract for Construction;
- .2 Add that portion of the Contract Sum properly allocable to materials and equipment delivered and suitably stored at the site for subsequent incorporation in the completed construction (or, if approved in advance by the Owner, suitably stored off the site at a location agreed upon in writing), less retainage of ten percent (10 %);
- .3 Subtract the aggregate of previous payments made by the Owner; and
- .4 Subtract amounts, if any, for which the Architect has withheld or nullified a Certificate for Payment as provided in Section 9.5 of AIA Document A201-2007.

Init.

§ 5.1.7 The progress payment amount determined in accordance with Section 5.1.6 shall be further modified under the following circumstances:

- .1 Add, upon Substantial Completion of the Work, a sum sufficient to increase the total payments to the full amount of the Contract Sum, less such amounts as the Architect shall determine for incomplete Work, retainage applicable to such work and unsettled claims; and
(Section 9.8.5 of AIA Document A201-2007 requires release of applicable retainage upon Substantial Completion of Work with consent of surety, if any.)
- .2 Add, if final completion of the Work is thereafter materially delayed through no fault of the Contractor, any additional amounts payable in accordance with Section 9.10.3 of AIA Document A201-2007.

§ 5.1.8 Reduction or limitation of retainage, if any, shall be as follows:

(If it is intended, prior to Substantial Completion of the entire Work, to reduce or limit the retainage resulting from the percentages inserted in Sections 5.1.6.1 and 5.1.6.2 above, and this is not explained elsewhere in the Contract Documents, insert here provisions for such reduction or limitation.)

§ 5.1.9 Except with the Owner's prior approval, the Contractor shall not make advance payments to suppliers for materials or equipment which have not been delivered and stored at the site.

§ 5.2 FINAL PAYMENT

§ 5.2.1 Final payment, constituting the entire unpaid balance of the Contract Sum, shall be made by the Owner to the Contractor when

- .1 the Contractor has fully performed the Contract except for the Contractor's responsibility to correct Work as provided in Section 12.2.2 of AIA Document A201-2007, and to satisfy other requirements, if any, which extend beyond final payment; and
- .2 a final Certificate for Payment has been issued by the Architect.

§ 5.2.2 The Owner's final payment to the Contractor shall be made no later than 30 days after the issuance of the Architect's final Certificate for Payment, or as follows:

ARTICLE 6 DISPUTE RESOLUTION

§ 6.1 INITIAL DECISION MAKER

The Architect will serve as Initial Decision Maker pursuant to Section 15.2 of AIA Document A201-2007, unless the parties appoint below another individual, not a party to this Agreement, to serve as Initial Decision Maker.

(If the parties mutually agree, insert the name, address and other contact information of the Initial Decision Maker, if other than the Architect.)

§ 6.2 BINDING DISPUTE RESOLUTION

For any Claim subject to, but not resolved by, mediation pursuant to Section 15.3 of AIA Document A201-2007, the method of binding dispute resolution shall be as follows:

(Check the appropriate box. If the Owner and Contractor do not select a method of binding dispute resolution below, or do not subsequently agree in writing to a binding dispute resolution method other than litigation, Claims will be resolved by litigation in a court of competent jurisdiction.)

- ☒ Arbitration pursuant to Section 15.4 of AIA Document A201-2007
- ☐ Litigation in a court of competent jurisdiction
- ☐ Other: *(Specify)*

ARTICLE 7 TERMINATION OR SUSPENSION

§ 7.1 The Contract may be terminated by the Owner or the Contractor as provided in Article 14 of AIA Document A201-2007.

§ 7.2 The Work may be suspended by the Owner as provided in Article 14 of AIA Document A201-2007.

ARTICLE 8 MISCELLANEOUS PROVISIONS

§ 8.1 Where reference is made in this Agreement to a provision of AIA Document A201-2007 or another Contract Document, the reference refers to that provision as amended or supplemented by other provisions of the Contract Documents.

§ 8.2 Payments due and unpaid under the Contract shall bear interest from the date payment is due at the rate stated below, or in the absence thereof, at the legal rate prevailing from time to time at the place where the Project is located.
(Insert rate of interest agreed upon, if any.)

§ 8.3 The Owner's representative:
(Name, address and other information)

§ 8.4 The Contractor's representative:
(Name, address and other information)

Tal Rancourt, President/Secretary
Excavation Point Inc.
7944 S. George Blvd
Sebring, Florida 33875
Phone (863) 471-1997 Fax (863) 386-1997
Email mail@excavationpoint.com

§ 8.5 Neither the Owner's nor the Contractor's representative shall be changed without ten days written notice to the other party.

Init.

§ 8.6 Other provisions:

ARTICLE 9 ENUMERATION OF CONTRACT DOCUMENTS

§ 9.1 The Contract Documents, except for Modifications issued after execution of this Agreement, are enumerated in the sections below.

§ 9.1.1 The Agreement is this executed AIA Document A101-2007, Standard Form of Agreement Between Owner and Contractor.

§ 9.1.2 The General Conditions are AIA Document A201-2007, General Conditions of the Contract for Construction.

§ 9.1.3 The Supplementary and other Conditions of the Contract:

Document	Title	Date	Pages
Not Applicable			

§ 9.1.4 The Specifications:

(Either list the Specifications here or refer to an exhibit attached to this Agreement.)

Not Applicable

Section	Title	Date	Pages
---------	-------	------	-------

Init.

§ 9.1.5 The Drawings:

(Either list the Drawings here or refer to an exhibit attached to this Agreement.)

Number Sheet	Title	Date
1-22	Permitting Plans Lake Josephine Drive Improvements	05/26/2017

§ 9.1.6 The Addenda, if any:

Number	Date	Pages
Not Applicable		

Portions of Addenda relating to bidding requirements are not part of the Contract Documents unless the bidding requirements are also enumerated in this Article 9.

§ 9.1.7 Additional documents, if any, forming part of the Contract Documents:

.1 AIA Document E201™-2007, Digital Data Protocol Exhibit, if completed by the parties, or the following:

.2 Other documents, if any, listed below:

(List here any additional documents that are intended to form part of the Contract Documents. AIA Document A201-2007 provides that bidding requirements such as advertisement or invitation to bid, Instructions to Bidders, sample forms and the Contractor's bid are not part of the Contract Documents unless enumerated in this Agreement. They should be listed here only if intended to be part of the Contract Documents.)

Excavation Point Inc. proposal revised dated
06/05/2017, attached.

Int.

ARTICLE 10 INSURANCE AND BONDS

The Contractor shall purchase and maintain insurance and provide bonds as set forth in Article 11 of AIA Document A201-2007.

(State bonding requirements, if any, and limits of liability for insurance required in Article 11 of AIA Document A201-2007.)

Type of Insurance or Bond

See attached certificate of insurance

Limit of Liability or Bond Amount (\$0.00)

This Agreement entered into as of the day and year first written above.


OWNER (Signature)

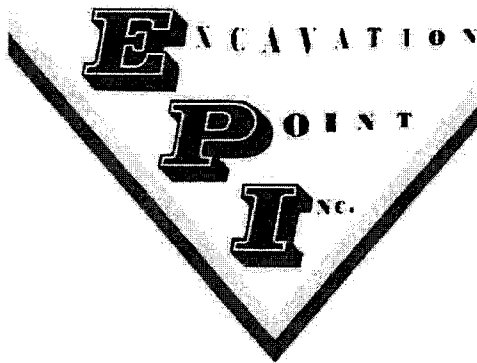


CONTRACTOR (Signature)

STEVEN STANTON, PROJECT MANAGER
(Printed name and title)

Tal Rancourt, President/Secretary
(Printed name and title)

Int.



US Water Corp
9841 Bernwood Place Drive
Fort Myers, FL 33966
Email sstanton@uswatercorp.com

Proposal - Revised
06/05/17

LAKE JOSEPHINE 8" WATER LINE - STA 118+00 TO APPROX. STA 69+00

Excavation Point Inc. will furnish labor, material and equipment to install approximately 4,980 lineal feet 8-inch water main line and fittings only. Includes pressure testing, bacteriological testing and tie-ins shown on drawing dated 05/26/17.

4980' - 8" C900 DR18 Blue or HDPE DR11 Blue
20' - 6" C900 DR18 Blue
560' - 4" C900 DR18 Blue or HDPE DR11 Blue
180' - 3" Schedule 80 or 2" Schedule 80
4 - 5-1/4" x 42" Fire Hydrant Assembly
10 - 8" MJ Gate Valve with Box & Acc Kits
10 - 8" MJ Fittings with Acc Kits
1 - 6" MJ Fitting with Acc Kits
3 - 4" MJ Gate Valve with Box & Acc Kits
9 - 4" MJ Fittings with Acc Kits
3 - 3" MJ Fittings with Acc Kits
5 - 8" x 2" Saddle
5 - 2" Brass Gate Valve with Box & Acc
1 - 2" Air Release Valve with Box & Acc

Total \$ 161,287.00

LAKE JOSEPHINE 8" WATER LINE - STA 26+00 TO STA 53+00

Excavation Point Inc. will furnish labor, material and equipment to install approximately 2,860 lineal feet 8-inch water main line and fittings only. Includes restoration, pressure testing, bacteriological testing and tie-ins shown on drawing dated 05/26/17.

2860' - 8" C900 DR18 Blue or HDPE DR11 Blue
2 - 5-1/4" x 42" Fire Hydrant Assembly
5 - 8" MJ Gate Valve with Box & Acc Kits
5 - 8" MJ Fittings with Acc Kits
2 - 4" MJ Gate Valve with Box & Acc Kits
4 - 4" MJ Fittings with Acc Kits
1 - 2" Air Release Valve with Box & Acc

Total \$ 150,162.00

For Superior Service & Quality Performance
Get To The Point!



7944 S. George Blvd. Sebring, Florida 33875

Page 2 of 2

US Water Corp
9841 Bernwood Place Drive
Fort Myers, FL 33966
Email sstanton@uswatercorp.com

Excavation Point Inc. will furnish labor, material and equipment to install single water service connections on new main in conjunction with water main construction. Services will be left at water main location, final tie-in by US Water. Quantity unknown so price below is each price.

1 - 8" x 1" Saddle
1 - 1" Ball Corp MIP x CTS
10' - 1" Poly Blue
2 - 1" SS Inserts
1 - 1" Ball Curb CTS x FIP

Add Each \$ 494.00

Excavation Point Inc. to abandon and grout or remove and dispose of existing waterline approximately 2,800 lineal feet (STA 118+00 to approx. STA 69+00).

Add \$ 10,400.00

Excavation Point Inc. to abandon and grout or remove and dispose of existing waterline approximately 2,700 lineal feet (STA 26+00 to approx. STA 53+00).

Add \$ 8,500.00

Note: Pricing valid for 30 days. Price excludes permitting, impact fees, bond, surveying, certified as-built, video inspection, any damage or relocation to undesignated underground utilities, sidewalks, landscaping, and irrigation.

Thank You,

Accepted By:


STEVEN STANTON

Tal Rancourt
President

Dated:

JUNE 5, 2017

For Superior Service & Quality Performance
Get To The Point!



CERTIFICATE OF LIABILITY INSURANCE

OP ID: LL

DATE (MM/DD/YYYY)

05/18/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER FIRST INSURANCE OF LAKE PLACID 255 E INTERLAKE BLVD. LAKE PLACID, FL 33852- Laurie M. Slade		CONTACT NAME: PHONE (A/C, No. Ext): E-MAIL ADDRESS: PRODUCER CUSTOMER ID #: EXCAP-1	
INSURED Excavation Point, Inc. 7944 S. George Blvd. Sebring, FL 33872		INSURER(S) AFFORDING COVERAGE INSURER A: Owners Insurance Co. INSURER B: Auto Owners Insurance Co. INSURER C: Florida Citrus, Business & INSURER D: Industry INSURER E: INSURER F:	
		NAIC # 32700 18988	

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> XCU Incl <input checked="" type="checkbox"/> Broad Form Incl GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC	X		72728871	12/30/2016	12/30/2017	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 3,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			9542217700	07/16/2016	07/16/2017	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (PER ACCIDENT) \$ \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DEDUCTIBLE <input checked="" type="checkbox"/> RETENTION \$ 10,000			4125735800	12/30/2016	12/30/2017	EACH OCCURRENCE \$ 2,000,000 AGGREGATE \$ 2,000,000 \$ \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/>	N/A	55927	12/30/2016	12/30/2017	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input checked="" type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

CERTIFICATE HOLDER

USWATER

US Water Services Corporation
4939 Cross Bayou Blvd
New Port Ritchey, FL 34652

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
Laurie M. Slade

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US Water Corp
9841 Bernwood Place Drive
Fort Myers, FL 33966
Email sstanton@uswatercorp.com

Proposal
05/18/17

LAKE JOSEPHINE 8" WATER LINE - STA 63+00 TO STA 52+50

Excavation Point Inc. will furnish labor, material and equipment to install approximately 1,060 lineal feet 8 inch PVC main line and fittings only. Service connections to new main by US Water. Excludes pressure testing, bacteriological testing and 8" under roadway at STA 63+00.

Providing the following materials per Steve Stanton:

1060' - 8" C900 DR18 Blue
1 - 8" x 6" Fire Hydrant Tee with Acc Kit
1 - 6" Gate Valve with Box & Acc Kits
1 - 6" x 13" Rest Coupling
1 - 5-1/4" x 42" Fire Hydrant
4 - 8" MJ Gate Valve w Box & Acc Kits
4 - 4" MJ 45 with Acc Kits
3 - 8" x 4" MJ Reducer with Acc Kits
1 - 8" MJ Tee with Acc Kits

Total \$ 30,174.00

Excavation Point Inc. to remove and dispose of existing 4" waterline approximately 1,060 lineal feet.

Add \$ 3,900.00

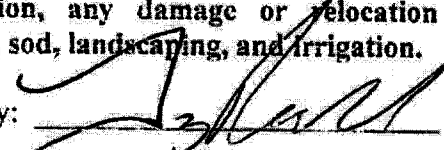
Note: Pricing valid for 30 days. Price excludes permitting, impact fees, bond, surveying, certified as-built, video inspection, any damage or relocation to undesignated underground utilities, sidewalks, sod, landscaping, and irrigation.

Thank You,

Accepted By:

Tal Rancourt
President

Dated:


5/19/17

For Superior Service & Quality Performance
Get To The Point!



Florida Department of Environmental Protection

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@floridadep.gov

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

April 3, 2018

PERMITTEE:

Gary Deremer, President
HC Waterworks, Inc.
4939 Cross Bayou Blvd.
New Port Richey, FL 34652
Emailed to: gderemer@uswatercorp.net

RE: Highlands County – PW
HC Waterworks, Inc. - Josephine
Drive Watermain Replacement
294314-002-DSGP/02
(HC Waterworks, Inc. Lake Josephine
WTP)
PWS ID: 6280162

Dear Mr. Deremer:

This acknowledges receipt of certification that the subject water distribution system has been **completed** in accordance with the plans and related materials permitted by this agency under Permit Number 294314-002-DSGP/02 dated June 9, 2017, or that the deviations described and explained on DEP Form 62-555.900(9) and associated documents are in compliance with Chapters 62-550 and 62-555, F.A.C.

Based on this certification and satisfactory bacteriological results, we are approving the system for service. Your continued cooperation in our water supply program is appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read "O. James Oni", is written over a horizontal line.

O. James Oni
Professional Engineer
Water Facilities

OJO/AE/rcd

cc: Mohammed Y. Kader, P.E. mkader@uswatercorp.net



Florida Department of Environmental Protection

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@dep.state.fl.us

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

June 9, 2017

Gary Deremer, President
Hc Waterworks, Inc.
4939 Cross Bayou Blvd.
New Port Richey, FL 34652
gderemer@uswatercorp.net

Notice of Acceptance to Use a General Permit
Highlands County
Permit Number: 294314-002-DSGP/02
Project Name: Hc Waterworks, Inc. – Lake Josephine Drive
Watermain Replacement
Water Supplier: Hc Waterworks, Inc. – Lake Josephine WTP
PWS ID: 6280162

Dear Mr. Deremer,

This letter acknowledges receipt of your Notice of Intent to Use a General Permit for Construction of Water Main Extensions for Public Water Systems, pursuant to Rule 62-555.405, Florida Administrative Code, received on May 19, 2017 (Notice). The proposed project includes the installation of 8,989 LF of 8" DR18 C900 PVC and 29 LF of 4" DR18 C900 PVC to relocate the existing water main running along Lake Josephine Road.

The Department does not object to your use of such a General Permit. The construction activities shall conform to the description contained in your Notice and any deviation may result in enforcement action. You have 5 years to perform the work described in your notice under this General Permit.

Please be advised that you are required to abide by the general requirements for general permits, as specified in Rule 62-4.540, Florida Administrative Code, and the specific requirements of this general permit, as specified in Rule 62-555.405, Florida Administrative Code. Additionally, you must abide by the applicable rules of Chapters 62-4, 62-550, and 62-555, Florida Administrative Code.

Upon completion of construction of the project, and before placing the facilities into operation for any purpose other than disinfection, testing for leaks or testing equipment operation, you shall submit Form 62-555.900(9), Florida Administrative Code, to the Department using the contact information provided in the letterhead address. Additional information regarding the steps necessary to place the project into operation are attached for your convenience. **The system shall not be placed into service until the Department clears the project for use.**

When any existing asbestos cement (AC) pipes are replaced under this permit, the permittee shall do so in accordance with the applicable rules of the Federal Asbestos Regulation and Florida DEP requirements. For specific requirements applicable to AC pipes, the permittee should contact the Air and Waste Management section managers prior to commencing any such activities at (239) 344-5600. Please be aware that a notification is required to be submitted to the Department for a regulated project.

The permittee shall comply with all sampling requirements specific to this project. These requirements are attached for review and implementation.

Permit Number: 294314-002-DSGP/02

Date: June 9, 2017

Page 2 of 2

Should you have any questions, please contact Andrew Price at (239) 344-5621 or by e-mail at Andrew.Price@dep.state.fl.us.

Sincerely,

A handwritten signature in black ink that reads "Nolin Moon". The signature is written in a cursive, flowing style.

Nolin Moon
Environmental Manager
South District

Attachments:
Clearance Requirements

Copes furnished to:
Mohammed Kader, P.E. mkader@uswatercorp.net

CLEARANCE REQUIREMENTS

Requirements for clearance upon completion of projects are as follows:

1) Clearance Form

Submission of a fully completed Department of Environmental Protection (DEP) Form 62-555.900(9), *Certification of Construction Completion and Request for Clearance to Place Permitted PWS Components into Operation* to SD_newapps@dep.state.fl.us.

2) Record Drawings, if deviations were made

Submission of the portion of record drawings showing deviations from the DEP construction permit, including preliminary design report or drawings and specifications, if there are any deviations from said permit (Note that it is necessary to submit a copy of only the portion of record drawings showing deviations and not a complete set of record drawings:).

3) Bacteriological Results

Copies of satisfactory bacteriological analysis (a.k.a. Main Clearance), taken within sixty (60) days of completion of construction, from locations within the distribution system or water main extension to be cleared, in accordance with Rules 62-555.315(6), 62-555.340, and 62-555.330, F.A.C. and American Water Works Association (AWWA) Standard C 651-92, as follows:

- Connection to an existing system
- The end point of the proposed addition
- Any water lines branching off a main extension
- Every 1,200 feet on straight runs of pipe
- Each location shall be sampled on two consecutive days, with sample points and chlorine residual readings clearly indicated on the report.
- A sketch or description of all bacteriological sampling locations must be provided.

4) Pressure Test Results

Copy of satisfactory pressure test results demonstrating compliance with AWWA Standard requirements.

If the project is placed into operation before obtaining clearance from the South District Office, the permittee may be subject to enforcement actions and possible penalties.

Please contact the Department of Environmental Protection, South District Office at (239) 344-5600 or by e-mail at SouthDistrict@dep.state.fl.us for more information.

U.S. Water[®]

Services Corporation

Water and Wastewater Utility Operations, Maintenance, Engineering, Management,
Construction

REQUEST FOR CHECK

TO: FDEP Florida Department of Environmental
Protection

AMOUNT: ~~\$860.00~~
\$650.00

FOR: Permit fee

Date: 5/9/2017

JOB#: 709-92 Hc Water works / Lake Joe,
Waterman

ACCOUNT CODE: 5030.1

Entered: [Signature]

COA Code: 105

PREPARED BY: Keith Keegan, P.E.

Approved: e

5-18-17

Paid: _____

Date: _____

APPROVAL:

[Signature]
5/9/17



4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

Invoice #	853849
Date	8/14/2017
Due Date	9/13/2017
Account #	704
P.O. or W.A. #	PA1R

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project		Qty ...	Unit	Rate	Amount
709-92 Road Widening Lake Josephine					
Date	Description				
	Lake Josephine Drive Improvements 8" Water Main approx STA 118+00 to STA 69+00 and approx STA 26+00 to STA 53+00 "Road Widening Project"				
	Pay Application 1 (3/21/17-7/31/17) Retainage withheld at 10 %	1		25,556.96	0.00 25,556.96
Entered: _____ COA Code: <u>331</u> Approved: <u>[Signature]</u> <u>11-12-17</u> Paid: _____ Date: _____ * Part of Bridge loan Notes Payable					
		Total \$25,556.96			
Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: asantiago@uswatercorp.net		Payments/Credits \$0.00			
		Balance Due \$25,556.96			





4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

Invoice #	853846
Date	8/14/2017
Due Date	9/13/2017
Account #	704
P.O. or W.A. #	PA1

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project		Qty ...	Unit	Rate	Amount
709-92 Road Widening Lake Josephine					
Date	Description				
	Lake Josephine Drive Improvements 8" Water Main approx STA 118+00 to STA 69+00 and approx STA 26+00 to STA 53+00 "Road Widening Project"				
	Pay Application 1 (3/21/17-7/31/17)	1		255,569.55	255,569.55
	Retainage withheld at 10 %	1		-25,556.96	-25,556.96
Entered: 					
COA Code: 331 105					
Approved:  8-15-17					
Paid: _____					
Date: _____					
		Total \$230,012.59			
Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: asantiago@uswatercorp.net		Payments/Credits \$0.00			
		Balance Due \$230,012.59			

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702 PAGE 1 OF 2 PAGES

TO OWNER:		PROJECT:	APPLICATION NO:	1	Distribution to: OWNER <input type="checkbox"/> ENGINEER <input type="checkbox"/> CONTRACTOR <input type="checkbox"/> FIELD <input type="checkbox"/> OTHER <input type="checkbox"/>
H.C. Waterworks, Inc.		Lake Josephine Drive Improvements	PERIOD TO:	07/31/17	
Attn: Joe Gabay			CONTRACT FOR:	8" Water Main	
4939 Cross Bayou Blvd			CONTRACT DATE:	06/28/17	
New Port Richey, FL 34652			U.S. WATER ACCOUNT NO.:	709-92	
FROM CONTRACTOR:	VIA ENGINEER:				
U.S. Water Services Corporation	U.S. Water Services Corporation				
4939 Cross Bayou Blvd	4939 Cross Bayou Blvd				
New Port Richey, FL 34652	New Port Richey, FL 34652				

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM.....	\$	511,139.09
2. NET CHANGE BY CHANGE ORDERS.....	\$	-
3. CONTRACT SUM TO DATE (Line 1 + 2).....	\$	511,139.09
4. TOTAL COMPLETED & STORED TO DATE (Column J on G703).....	\$	255,569.55
5. RETAINAGE:		
a. 10% % of Completed Work	\$	25,556.95
(Columns G + H on G703)		
b. 10% % of Stored Material	\$	-
(Columns I on G703)		
Total Retainage (Lines 5a + 5b, or Total in Column K of G703) ...	\$	25,556.95
6. TOTAL EARNED LESS RETAINAGE.....	\$	230,012.59
(Line 4 minus Line 5 Total)		
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT.....	\$	-
(Line 6 from prior Certificate)		
8. CURRENT PAYMENT DUE.....		
9. BALANCE TO FINISH, INCLUDING RETAINAGE.....	\$	281,126.50
(Line 3 minus Line 6)		

	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total changes approved this month		
TOTAL		
NET CHANGES by Change Order	\$	-

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By:

Edward Mitchell, Vice President

State of: FLORIDA County of: PASCO

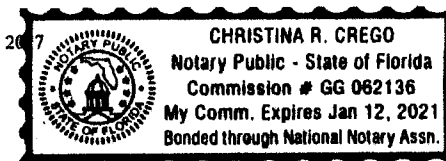
Subscribed and sworn to before me this 14th day of August, 2017

Notary Public:

My Commission expires:

Christina R. Crego
January 12, 2021

Date: 8/14/17



ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED.....\$

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:

By:

Date:

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

AIA DOCUMENT G703

PAGE 2 OF 2 PAGES

AIA Document G702™-1992, Application and Certificate for Payment,
Application and Certificate for Payment, Construction Manager as Advisor Edition,
Containing Contractor's signed certification is attached.
In tabulations below, amounts are in US dollars.
Use Column K on Contracts where variable retainage for line items may apply.

APPLICATION NO: 1
APPLICATION DATE: 08/14/17
PERIOD TO: 07/31/17

A	B	C	D	E	F	G	H	I	J	K	
ITEM NO.	DESCRIPTION OF WORK	QTY	U/M	UNIT PRICE	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (Not in G or H)	TOTAL COMPLETED AND STORED TO DATE (G+H+I)	% (I / C)	RETAINAGE VALUE OF ITEMS COMPLETED TO DATE
						FROM PREVIOUS APPLICATION (G+H)	THIS PERIOD				
1	Mains/ Services	1	LS	\$422,429.00	\$422,429.00		\$211,214.50		\$211,214.50	50%	\$21,121.45
2	Overhead	1	LS	\$42,242.90	\$42,242.90		\$21,121.45		\$21,121.45	50%	\$2,112.15
3	Engineering	1	LS	\$33,794.32	\$33,794.32		\$16,897.16		\$16,897.16	50%	\$1,689.72
4	Mgt. / Inspections	1	LS	\$12,672.87	\$12,672.87		\$6,336.44		\$6,336.44	50%	\$633.64
CONTRACT SUB-TOTAL					\$511,139.09	\$0.00	\$255,569.55	\$0.00	\$255,569.55		\$25,556.95
CHANGE ORDERS											
5					\$0.00				\$0.00	#####	\$0.00
CHANGE ORDERS TOTAL					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00

**WAIVER AND PARTIAL RELEASE OF LIEN
UPON PROGRESS PAYMENT**

The undersigned lienor, in consideration of the sum of \$163,677.30, hereby waives and releases its lien and right to claim a lien, for labor, services, or materials furnished through June 30, 2017 to U.S. **WATER SERVICES CORPORATION**, (Contractor) on the job of **HC Waterworks, Inc., FLORIDA** (Owner of property) for the job located on the following described property:

**Lake Josephine Drive Improvements
8" Water Main approx. STA 118+00 to STA 69+00 and approx. STA 26+00 to ST 53+00**

This waiver and release does not cover any retention, or labor, services or materials furnished during or after the dates specified on other PO # & invpice #, if the consideration recited above is a check or draft, this Partial Release of Lien is conditioned upon payment of said check or draft; otherwise it is void.

Dated on 06/15/2017, Check# 97598, Amount: \$56,350.00 of which \$34,074.00 on Invoice # 00032500; of which \$22,276.00 on Invoice # 00032102;

Dated on 07/14/2017, Check# 98245, Amount: \$107,327.30 of which \$107,327.30 on Invoice # 00032826 is covered by this release for labor, services, or materials furnished are covered this partial lien release. Other amounts are covered by other releases.

Signed, sealed, and delivered this 15 day of AUGUST, 2017

Lienor: Excavation Point Inc
7944 S George Blvd.,
Sebring, FL 33875

By: [Signature]
President, CEO, & MgMbr TAL J. RANCOURT, PRESIDENT

By: _____
Individual

The foregoing instrument, was acknowledged before me this 15 day of August, 2017,
By TAL J. RANCOURT, He / She (who is personally known to me) / (who has
produced _____ as identification) and (did) / (did not) take an oath.

My Commission Expires: 9/13/2020

(NOTARY SEAL)



[Signature]
NOTARY OF FLORIDA AT LARGE

LORI A TAYLOR
Typed or Printed Name of Notary Public



**WAIVER AND RELEASE OF LIEN
UPON PROGRESS PAYMENT**

081-199947

The undersigned lienor, in consideration of the sum of \$10.00 hereby waives and releases its lien and right to claim a lien for labor, services or materials invoiced through 07/28/17 to EXCAVATION POINT INC on the job of HC WATERWORKS INC (owner), to the following described property:

LAKE JOSEPHINE DRIVE, SEBRING, FLORIDA, "LAKE JOSEPHINE WATER LINE",
HIGHLAND COUNTY, FLORIDA.

This waiver and release does not cover any retention or labor, services or materials invoiced after the date specified.

DATED on AUGUST 11, 2017

HD SUPPLY WATERWORKS LTD
1830 CRAIG PARK COURT
SAINT LOUIS MO 63146

By: [Signature]
ROBERT CAITO
SENIOR CREDIT ASSOCIATE

Sworn to and subscribed before me this AUGUST 11, 2017

[Signature]
Signature of Notary Public
Commissioned State of Missouri

[Stamp]
Print, Type or Stamp
Name of Notary Public

Personally Known XX OR, Produced Identification N/A
Type of Identification Produced N/A



4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

331

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

Invoice #	855655
Date	9/19/2017
Due Date	10/18/2017
Account #	704
P.O. or W.A. #	PA 2 R

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project		Qty ...	Unit	Rate	Amount
709-92 Road Widening Lake Josephine					
Date	Description				
	Lake Josephine Drive Improvements 8" Water Main approx STA 118+00 to STA 69+00 and approx STA 26+00 to STA 53+00 "Road Widening Project" Pay Application 2 (8/1/17-8/31/17) Retainage withheld at 5 % Entered: <u>[Signature]</u> COA Code: <u>331</u> Approved: <u>[Signature]</u> 11-10-17 Paid: _____ Date: _____ * Part of Bridge loan Notes Payable	1		10,222.78	10,222.78
		Total \$10,222.78			
Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: asantiago@uswatercorp.net		Payments/Credits \$0.00			
		Balance Due \$10,222.78			



4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Invoice #	855634
Date	9/19/2017
Due Date	10/18/2017
Account #	704
P.O. or W.A. #	PA 2

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project		Qty ...	Unit	Rate	Amount
709-92 Road Widening Lake Josephine					
Date	Description	Qty ...	Unit	Rate	Amount
	Lake Josephine Drive Improvements 8" Water Main approx STA 118+00 to STA 69+00 and approx STA 26+00 to STA 53+00 "Road Widening Project"				
	Pay Application 2 (8/1/17-8/31/17)	1		204,455.64	204,455.64
	Retainage withheld at 5 %	1		-10,222.78	-10,222.78
Entered: <u>[Signature]</u> COA Code: <u>POS</u> Approved: <u>C</u> <u>9-21-17</u> Paid: _____ Date: _____					
		Total \$194,232.86			
Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: asantiago@uswatercorp.net		Payments/Credits \$0.00			
		Balance Due \$194,232.86			

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702 PAGE 1 OF 2 PAGES

TO OWNER:

H.C. Waterworks, Inc.
Attn: Joe Gabay
4939 Cross Bayou Blvd
New Port Richey, FL 34652

PROJECT: Lake Josephine Drive Improvements

APPLICATION NO: 2
PERIOD TO: 08/31/17
CONTRACT FOR: 8" Water Main
CONTRACT DATE: 06/28/17
U.S. WATER ACCOUNT NO.: 709-92

Distribution to:
OWNER ☐
ENGINEER ☐
CONTRACTOR ☐
FIELD ☐
OTHER ☐

FROM CONTRACTOR:

U.S. Water Services Corporation
4939 Cross Bayou Blvd
New Port Richey, FL 34652

VIA ENGINEER:

U.S. Water Services Corporation
4939 Cross Bayou Blvd
New Port Richey, FL 34652

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM..... \$ 511,139.09
2. NET CHANGE BY CHANGE ORDERS..... \$ -
3. CONTRACT SUM TO DATE (Line 1 + 2)..... \$ 511,139.09
4. TOTAL COMPLETED & STORED TO DATE (Column J on G703)..... \$ 460,025.18
5. RETAINAGE:
 - a. 5% % of Completed Work \$ 23,001.26
(Columns G + H on G703)
 - b. 5% % of Stored Material \$ -
(Columns I on G703)
- Total Retainage (Lines 5a + 5b, or Total in Column K of G703) ... \$ 23,001.26
6. TOTAL EARNED LESS RETAINAGE..... \$ 437,023.92
(Line 4 minus Line 5 Total)
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT..... \$ 230,012.59
(Line 6 from prior Certificate)
8. CURRENT PAYMENT DUE..... XXXXXXXXXX
9. BALANCE TO FINISH, INCLUDING RETAINAGE..... \$ 74,115.17
(Line 3 minus Line 6)

	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total changes approved this month		
TOTAL		
NET CHANGES by Change Order	\$	-

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By:

Victoria Penick, Senior Vice President

State of: FLORIDA County of: PASCO

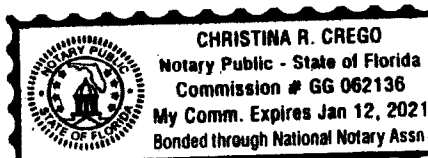
Subscribed and sworn to before me this 20th day of September, 2017

Notary Public:

My Commission expires:

Christina R. Crego
January 12, 2021

Date: 9/20/17



ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED.....\$

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:

By:

Date:

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

AIA DOCUMENT G703

PAGE 2 OF 2 PAGES

AIA Document G702™-1992, Application and Certificate for Payment,
Application and Certificate for Payment, Construction Manager as Advisor Edition,
Containing Contractor's signed certification is attached.

APPLICATION NO: 2
APPLICATION DATE: 09/20/17
PERIOD TO: 08/31/17

In tabulations below, amounts are in US dollars.

Use Column K on Contracts where variable retainage for line items may apply.

A	B	C	D	E	F	G	H	I	J		K
ITEM NO.	DESCRIPTION OF WORK	QTY	U/M	UNIT PRICE	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED <i>(Not in G or H)</i>	TOTAL COMPLETED AND STORED TO DATE <i>(G+H+I)</i>	% (I / C)	RETAINAGE VALUE OF ITEMS COMPLETED TO DATE
						FROM PREVIOUS APPLICATION (G +H)	THIS PERIOD				
1	Mains/ Services	1	LS	\$422,429.00	\$422,429.00	\$211,214.50	\$168,971.60		\$380,186.10	90%	\$19,009.31
2	Overhead	1	LS	\$42,242.90	\$42,242.90	\$21,121.45	\$16,897.16		\$38,018.61	90%	\$1,900.93
3	Engineering	1	LS	\$33,794.32	\$33,794.32	\$16,897.16	\$13,517.73		\$30,414.89	90%	\$1,520.74
4	Mgt. / Inspections	1	LS	\$12,672.87	\$12,672.87	\$6,336.44	\$5,069.15		\$11,405.58	90%	\$570.28
CONTRACT SUB-TOTAL					\$511,139.09	\$255,569.55	\$204,455.64	\$0.00	\$460,025.18		\$23,001.26
CHANGE ORDERS											
5					\$0.00				\$0.00	#####	\$0.00
CHANGE ORDERS, TOTAL					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00

**CONTRACTOR'S AFFIDAVIT OF
PAYMENT OF DEBTS AND CLAIMS**

COUNTY OF: PASCO

STATE OF: FLORIDA

Before me, the undersigned authority, personally appeared Victoria Penick, who after being duly sworn, deposes and says:

In accordance with the Agreement and in consideration of \$230,012.59 paid, *U.S. Water Services Corporation* ("Contractor") releases and waives for itself and its subcontractors, material suppliers, successors and assigns, all claims demands, damages, costs and expenses, whether in contract or in tort, against *H.C. Waterworks, Inc.*, ("Owner) its Board of Directors, officers, employees and agents relating in any way to the performance of the Agreement for Lake Josephine Drive Improvements between Contractor and *H.C. Waterworks, Inc.* Contract dated: June 28, 2017.

Contractor certifies for itself and its subcontractors, material suppliers, successors and assigns, that all charges for labor, materials, supplies, lands, licenses and other expenses for which *H.C. Waterworks, Inc.*, might be sued or for which a lien or a demand against any payment bond might be filed, have been fully satisfied and paid.

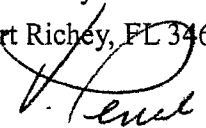
Contractor agrees to indemnify, defend and save harmless *H.C. Waterworks, Inc.*, its Board of Directors, officers, employees and agents from all demands or suits, actions, claims of liens or other charges filed or asserted against the Contractor ("*US Water Services Corporation*") arising out of the performance by Contractor of the Work covered by this Release and Affidavit.

This Payment Release Affidavit is given in connection with Contractor's ~~NOTICE~~ **FINAL**

Pay request No.: 1 (Dated: 08/15/2017) for the period from (06/28/2017-07/31/2017).

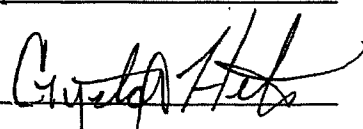
CONTRACTOR:

U.S. Water Services Corporation
4939 Cross Bayou Blvd.
New Port Richey, FL 34652

By: 
(Signature of the officer)

Its: Senior Vice President
(Title of the officer)

Date: September 20, 2017

Witness:
Signature 

{CORPORATE SEAL}

NOTARY

COUNTY OF: PASCO

STATE OF: FLORIDA

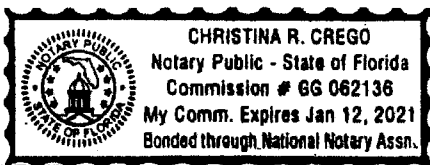
The foregoing instrument was acknowledged before me this 20th day of September, 2017.

By Victoria Penick, as Senior Vice President of U.S. Water Services Corporation, a Florida company, on behalf of the company. He/she is personally known to me OR has produced _____ as identification and did (did not) take an oath.

My Commission Expires: January 12, 2021

Christina R. Crego
(Signature of Notary)

Name: Christina R. Crego
(Legibly Printed)



(AFFIX OFFICIAL SEAL)

Notary Public, State of Florida
Commission No.: GG062136

**WAIVER AND PARTIAL RELEASE OF LIEN
UPON PROGRESS PAYMENT**

The undersigned lienor, in consideration of the sum of \$142,746.71, hereby waives and releases its lien and right to claim a lien, for labor, services, or materials furnished through July 31, 2017 to **U.S. WATER SERVICES CORPORATION**, (Contractor) on the job of **HC Waterworks, Inc., FLORIDA** (Owner of property) for the job located on the following described property:

**Lake Josephine Drive Improvements
8" Water Main approx. STA 118+00 to STA 69+00 and approx. STA 26+00 to ST 53+00**

This waiver and release does not cover any retention, or labor, services or materials furnished during or after the dates specified on other PO # & invoice #, if the consideration recited above is a check or draft, this Partial Release of Lien is conditioned upon payment of said check or draft; otherwise it is void.

Dated on 07/25/2017, Check# 98498, Amount: \$142,746.71 of which \$142,746.71 on Invoice # 00033116; is covered by this release for labor, services, or materials furnished are covered this partial lien release. Other amounts are covered by other releases.

Signed, sealed, and delivered this 1 day of SEPTEMBER, 2017

Lienor: Excavation Point Inc
7944 S George Blvd.,
Sebring, FL 33875

By: [Signature]
President, CEO, & MgMbr
TAL J. RANCOURT, PRESIDENT
OR

By: _____
Individual

The foregoing instrument, was acknowledged before me this 1st day of September, 2017,
By TAL J. RANCOURT, He/She (who is personally known to me) / (who has
produced _____ as identification) and (did)/(did not) take an oath.

My Commission Expires: 9/13/2020

(NOTARY SEAL)



[Signature]
NOTARY OF FLORIDA AT LARGE
LORI A. TAYLOR
Typed or Printed Name of Notary Public



4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Invoice #	859092
Date	10/31/2017
Due Date	11/30/2017
Account #	704
P.O. or W.A. #	PA3 F

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project		Qty ...	Unit	Rate	Amount
709-92 Road Widening Lake Josephine					
Date	Description				
	Lake Josephine Drive Improvements 8" Water Main approx STA 118+00 to STA 69+00 and approx STA 26+00 to STA 53+00 "Road Widening Project" Pay Application 3 FINAL (9/1/17-10/31/17) FINAL PAY APPLICATION NO RETAINAGE WITHHELD Entered: <u> </u> COA Code: <u>105</u> Approved: <u>11-10-17</u> Paid: <u> </u> Date: <u> </u>	1		51,113.90	51,113.90
		Total \$51,113.90			
		Payments/Credits \$0.00			
		Balance Due \$51,113.90			

Questions about your bill?
Phone: 727-848-8292 EXT 219
Toll free: 866-753-8292 EXT 219
Email: asantiago@uswatercorp.net

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702 PAGE 1 OF 2 PAGES

TO OWNER:

H.C. Waterworks, Inc.
Attn: Joe Gabay
4939 Cross Bayou Blvd
New Port Richey, FL 34652

PROJECT: Lake Josephine Drive Improvements

APPLICATION NO: 3 (FINAL)
PERIOD TO: 10/31/17
CONTRACT FOR: 8" Water Main
CONTRACT DATE: 06/28/17
U.S. WATER ACCOUNT NO.: 709-92

Distribution to:
OWNER ☒
ENGINEER ☒
CONTRACTOR ☒
FIELD ☐
OTHER ☐

FROM CONTRACTOR:

U.S. Water Services Corporation
4939 Cross Bayou Blvd
New Port Richey, FL 34652

VIA ENGINEER:

U.S. Water Services Corporation
4939 Cross Bayou Blvd
New Port Richey, FL 34652

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM..... \$ 511,139.09
2. NET CHANGE BY CHANGE ORDERS..... \$ -
3. CONTRACT SUM TO DATE (Line 1 ± 2)..... \$ 511,139.09
4. TOTAL COMPLETED & STORED TO DATE (Column J on G703) \$ 511,139.09
5. RETAINAGE:
 - a. 0% % of Completed Work \$ -
(Columns G + H on G703)
 - b. 0% % of Stored Material \$ -
(Columns I on G703)
- Total Retainage (Lines 5a + 5b, or Total in Column K of G703) ... \$ -
6. TOTAL EARNED LESS RETAINAGE..... \$ 511,139.09
(Line 4 minus Line 5 Total)
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT..... \$ 437,023.92
(Line 6 from prior Certificate)
8. CURRENT PAYMENT DUE..... \$ 74,115.17
9. BALANCE TO FINISH, INCLUDING RETAINAGE..... \$ -
(Line 3 minus Line 6)

	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total changes approved this month		
TOTAL		
NET CHANGES by Change Order	\$	-

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By: Elmer Muecher

Date: 11/9/17

State of: FLORIDA County of: PASCO

Subscribed and sworn to before me this 9th day of November, 2017

Notary Public:

Christina R. Crego
My Commission expires: January 12, 2021

My Commission expires:



ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED.....\$
(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:

By: _____

Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

AIA DOCUMENT G703

PAGE 2 OF 2 PAGES

AIA Document G702TM-1992, Application and Certificate for Payment, Application and Certificate for Payment, Construction Manager as Advisor Edition, Containing Contractor's signed certification is attached.

APPLICATION NO:	3 (FINAL)
APPLICATION DATE:	11/09/17
PERIOD TO:	10/31/17

In tabulations below, amounts are in US dollars.

Use Column K on Contracts where variable retainage for line items may apply.

A	B	C	D	E	F	G	H	I	J	K	
ITEM NO.	DESCRIPTION OF WORK	QTY	U/M	UNIT PRICE	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED <i>(Not in G or H)</i>	TOTAL COMPLETED AND STORED TO DATE <i>(G+H+I)</i>	% <i>(I / C)</i>	RETAINAGE VALUE OF ITEMS COMPLETED TO DATE
						FROM PREVIOUS APPLICATION <i>(G +H)</i>	THIS PERIOD				
1	Mains/ Services	1	LS	\$422,429.00	\$422,429.00	\$380,186.10	\$42,242.90		\$422,429.00	100%	\$0.00
2	Overhead	1	LS	\$42,242.90	\$42,242.90	\$38,018.61	\$4,224.29		\$42,242.90	100%	\$0.00
3	Engineering	1	LS	\$33,794.32	\$33,794.32	\$30,414.89	\$3,379.43		\$33,794.32	100%	\$0.00
4	Mgt. / Inspections	1	LS	\$12,672.87	\$12,672.87	\$11,405.58	\$1,267.29		\$12,672.87	100%	\$0.00
CONTRACT SUB-TOTAL					\$511,139.09	\$460,025.18	\$51,113.91	\$0.00	\$511,139.09		\$0.00
CHANGE ORDERS											
5					\$0.00				\$0.00	#####	\$0.00
CHANGE ORDERS, TOTAL					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00
GRAND TOTAL					\$511,139.09	\$460,025.18	\$51,113.91	\$0.00	\$511,139.09	100%	\$0.00

**CONTRACTOR'S AFFIDAVIT OF
PAYMENT OF DEBTS AND CLAIMS**

COUNTY OF: PASCO

STATE OF: FLORIDA

Before me, the undersigned authority, personally appeared Edward Mitchell, who after being duly sworn, deposes and says:

In accordance with the Agreement and in consideration of \$207,011.33 paid, *U.S. Water Services Corporation* ("Contractor") releases and waives for itself and its subcontractors, material suppliers, successors and assigns, all claims demands, damages, costs and expenses, whether in contract or in tort, against *H.C. Waterworks, Inc.*, ("Owner) its Board of Directors, officers, employees and agents relating in any way to the performance of the Agreement for Lake Josephine Drive Improvements between Contractor and *H.C. Waterworks, Inc.* Contract dated: June 28, 2017.

Contractor certifies for itself and its subcontractors, material suppliers, successors and assigns, that all charges for labor, materials, supplies, lands, licenses and other expenses for which *H.C. Waterworks, Inc.*, might be sued or for which a lien or a demand against any payment bond might be filed, have been fully satisfied and paid.

Contractor agrees to indemnify, defend and save harmless *H.C. Waterworks, Inc.*, its Board of Directors, officers, employees and agents from all demands or suits, actions, claims of liens or other charges filed or asserted against the Contractor ("*US Water Services Corporation*") arising out of the performance by Contractor of the Work covered by this Release and Affidavit.

This Payment Release Affidavit is given in connection with Contractor's ~~MONTHLY~~/FINAL

Pay request No.: 2 (Dated: 09/20/2017) for the period from (08/01/17-08/31/17).

CONTRACTOR:

U.S. Water Services Corporation
4939 Cross Bayou Blvd.
New Port Richey, FL 34652

By: Edward Mitchell
(Signature)

Its: Vice President
(Title)

Date: 11/09/2017

Witness:
Signature: [Signature]

{CORPORATE SEAL}

NOTARY

COUNTY OF: PASCO

STATE OF: FLORIDA

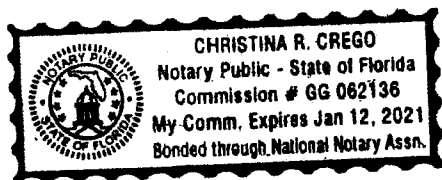
The foregoing instrument was acknowledged before me this 9th day of November, 2017.

By Edward Mitchell, as Vice President of U.S. Water Services Corporation, a Florida company, on behalf of the company. He/she is personally known to me OR has produced _____ as identification and did (did not) take an oath.

My Commission Expires: January 12, 2021

Christina R. Crego
(Signature of Notary)

Name: Christina R. Crego
(Legibly Printed)



(AFFIX OFFICIAL SEAL)

Notary Public, State of Florida
Commission No.: GG062136

**WAIVER AND PARTIAL RELEASE OF LIEN
UPON PROGRESS PAYMENT**

The undersigned lienor, in consideration of the sum of \$53,378.09, hereby waives and releases its lien and right to claim a lien, for labor, services, or materials furnished through August 31, 2017 to U.S. **WATER SERVICES CORPORATION, (Contractor)** on the job of **HC Waterworks, Inc., FLORIDA (Owner of property)** for the job located on the following described property:

**Lake Josephine Drive Improvements
8" Water Main approx. STA 118+00 to STA 69+00 and approx. STA 26+00 to ST 53+00**

This waiver and release does not cover any retention, or labor, services or materials furnished during or after the dates specified on other PO # & invoice #, if the consideration recited above is a check or draft, this Partial Release of Lien is conditioned upon payment of said check or draft; otherwise it is void.

Dated on 09/01/2017, Check# 100157, Amount: \$53,378.09 of which \$53,378.09 on Invoice # 00033678; is covered by this release for labor, services, or materials furnished are covered this partial lien release. Other amounts are covered by other releases.

Signed, sealed, and delivered this 10th day of October, 2017

Lienor: Excavation Point Inc
7944 S George Blvd.,
Sebring, FL 33875

By: [Signature]
President, CEO, & MgMbr Tal Rancourt, President.

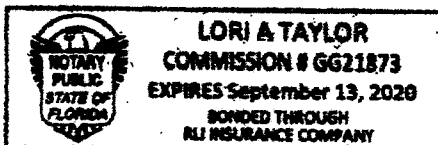
OR

By: _____
Individual

The foregoing instrument, was acknowledged before me this 10th day of October, 2017,
By TAL J. RANCOURT, He / She (who is personally known to me) / (who has
produced _____ as identification) and (did)/(did not) take an oath.

My Commission Expires: 9/13/2020

(NOTARY SEAL)



[Signature]
NOTARY OF FLORIDA AT LARGE
LORI A. TAYLOR
Typed or Printed Name of Notary Public

**WAIVER AND PARTIAL RELEASE OF LIEN
UPON PROGRESS PAYMENT**

The undersigned lienor, in consideration of the sum of **\$23,280.45**, hereby waives and releases its lien and right to claim a lien, for labor, services, or materials furnished through **September 30, 2017** to U.S. **WATER SERVICES CORPORATION**, (Contractor) on the job of **HC Waterworks, Inc., FLORIDA** (Owner of property) for the job located on the following described property:

**Lake Josephine Drive Improvements
8" Water Main approx. STA 118+00 to STA 69+00 and approx. STA 26+00 to ST 53+00**

This waiver and release does not cover any retention, or labor, services or materials furnished during or after the dates specified on other PO # & invoice #, if the consideration recited above is a check or draft, this Partial Release of Lien is conditioned upon payment of said check or draft; otherwise it is void.

Dated on **10/25/2017**, Check# **100605**, Amount: **\$23,280.45** of which **\$23,280.45** on Invoice # **00034174**; is covered by this release for labor, services, or materials furnished are covered this partial lien release. Other amounts are covered by other releases.

Signed, sealed, and delivered this 3 day of NOVEMBER, 2017

Lienor: Excavation Point Inc
7944 S George Blvd.,
Sebring, FL 33875

By: [Signature]
President, CEO, & MgMbr
TAL J. RANCOURT, PRESIDENT
OR

By: _____
Individual

The foregoing instrument, was acknowledged before me this 3rd day of November, 2017,
By TAL J RANCOURT, He / She (who is personally known to me) / (who has
produced _____ as identification) and (did)/(did not) take an oath.

My Commission Expires: 9/13/2020
(NOTARY SEAL)



[Signature]
NOTARY OF FLORIDA AT LARGE
LORI A. TAYLOR
Typed or Printed Name of Notary Public



REQUEST FOR CHECK

TO: *Highland County*

AMOUNT: \$400.00

FOR: Permit Application Fee – Utility Maintenance Blanket Permit

Date: 8/24/2017

JOB#: HC Waterworks – Utility Maintenance Permit

ACCOUNT CODE:

PREPARED BY: Mo Kader

APPROVAL:

[Signature]
8/24/17

Entered: _____

COA Code: 105

Approved: e 8-25-17

Paid: _____

Date: _____

U.S. Water
Services Corporation

REQUEST FOR CHECK

TO: *Highland County*

AMOUNT: \$400.00

FOR: Permit Application Fee – Service Drop Blanket Permit

Date: 8/24/2017

JOB#: HC Waterworks – Service Drop Blanket Permit

ACCOUNT CODE:

Entered: _____

COA Code: 105

Approved: C 8-25-17

PREPARED BY: Mo Kader

Paid: _____

Date: _____

APPROVAL:

Mo Kader
8/24/17



Florida Department of Environmental Protection

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@dep.state.fl.us

In the matter of an Application for Permit by:

Permittee:

HC Waterworks, Inc.
Gary Deremer, President
4939 Cross Bayou Blvd
New Port Richey, FL 34652
Emailed to: gderemer@uswatercorp.net

DEP File No: 356321-001-WC

County: Highlands

Project Name: HC Waterworks, Inc. – Lake
Josephine WTP – Hydrogen
Sulfide Removal System

PWS ID: 6280162

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number 356321-001-WC to construct modification to the existing water treatment plant, issued pursuant to Section 403.861(9), Florida Statutes.

This permit is final and effective on the date filed with the clerk of the Department unless a petition is filed in accordance with the paragraphs below or unless a request for extension of time in which to file a petition is filed within the required timeframe and conforms to Rule 62-110.106(4), F.A.C. Upon timely filing of a petition or a request for an extension, this permit will not be effective until further Order of the Department.

A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) with the Agency Clerk for the Department of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, within 14 days of receipt of this Notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-106.205, F.A.C.

A petition must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of how and when the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts which petitioner contends warrant reversal or modification of the Department's action;
- (f) A statement of the specific rules or statutes the petitioner contends requires reversal or modification of the Department's action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by petitioner, stating precisely the action that the petitioner wants the Department to take.

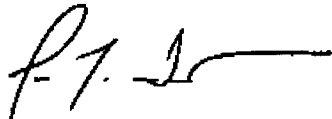
A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any such final decision of the Department on the petition have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to section 120.68 of the Florida Statutes, by filing a Notice of Appeal pursuant to Rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when the final order is filed with the Clerk of the Department.

Executed in Fort Myers, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jon M. Iglehart
Director of District Management

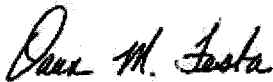
Enclosure: Permit

CERTIFICATION OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Permit Issuance and all copies were mailed/electronically transmitted before the close of business on September 25, 2017 to those persons listed.

FILING AND ACKNOWLEDGMENT

FILED, on this date, under Section 120.52, Florida Statutes, with the designated Deputy Clerk, receipt of which is hereby acknowledged.



Clerk

September 25, 2017
Date

JMI/MM/OJO/

Copies Furnished to:
Mohammed Y. Kader, P.E. mkader@uswatercorp.net
Keith Keegan, P.E. kkeegan@uswatercorp.net



Florida Department of Environmental Protection

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@dep.state.fl.us

Noah Valenstein
Secretary

Permittee:

HC Waterworks, Inc.
Gary Deremer, President
4939 Cross Bayou Blvd
New Port Richey, FL 34652
Emailed to: gderemer@uswatercorp.net

PWS ID: 6280162
Permit Number: 356321-001-WC
Issue Date: September 25, 2017
Expiration Date: September 24, 2022
County: Highlands
Project Name: HC Waterworks, Inc. – Lake Josephine WTP – Hydrogen Sulfide Removal System
Water Supplier: Lake Josephine/Sebring Lake WTP

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-550, 62-555, and 62-699. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TO CONSTRUCT: Modification to the existing 300,000 GPD water treatment plant by the addition of a packed tower aeration system for removal of hydrogen Sulfide with associated acid and caustic feed systems for pH adjustment.

PROPOSED CONSTRUCTION INCLUDES:

1. A De Loach packed tower aeration system/forced draft degasification tower sized for a flow of 85 gpm for the removal of hydrogen sulfide.
2. Installation of sulfuric acid chemical feed system for pH adjustment including a 500 gallon double wall containment storage tank and a day tank.
3. Installation of caustic (sodium hydroxide) chemical feed system for pH adjustment including a 200 gallon double wall storage tank and a day tank.
4. Installation of 10,000 gallon precast concrete ground storage tank with two (2) submersible transfer pump with a capacity of 250 gpm at TDH of 40 feet each.
5. Installation of 10,000 gallon hydropneumatics (pressure) tank.
6. All associated piping and injection points.

IN ACCORDANCE WITH: U.S. Water Service Corporation design drawings, sheets 1 thru 11, dated July 28, 2017, and received July 31, 2017, along with related design report, and technical specifications dated August 25, 2017, and in accordance with conditions of this permit. The design drawings and related documentations were submitted in support of the construction application. The application was dated July 28, 2017, revised and received on September 20, 2017.

LOCATION: The project is located at 1949 Canary Way, Sebring, Highlands County, Florida.

Work must be conducted in accordance with the General and Specific Conditions, attached hereto.

GENERAL CONDITIONS:

The following General Conditions are referenced in Florida Administrative Code Rule 62-4.160.

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
 - a. Have access to and copy any records that must be kept under conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - c. Sample or monitor any substances or parameters at any location reasonable necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
 - a. A description of and cause of noncompliance; and

- b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages, which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.
9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Section 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.
11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300 F.A.C., as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - a. Determination of Best Available Control Technology (BACT)
 - b. Determination of Prevention of Significant Deterioration (PSD)
 - c. Certification of compliance with state Water Quality Standards (Section 401, PL 92-500)
 - d. Compliance with New Source Performance Standards
14. The permittee shall comply with the following:
 - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - c. Records of monitoring information shall include:
 1. the date, exact place, and time of sampling or measurements;
 2. the person responsible for performing the sampling or measurements;
 3. the dates analyses were performed;
 4. the person responsible for performing the analyses;
 5. the analytical techniques or methods used;
 6. the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law, which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS:

1. The Permittee shall retain service a Florida-licensed professional engineer in accordance with subsection **62-555.530(3), F.A.C.**, to take responsible charge of inspecting construction of the project for the purpose of determining in general if the construction proceeds in compliance with the permit, including the approved preliminary design report or drawings and specifications for the project.
2. The Permittee shall have complete record drawings produced for the project in accordance with subsection **62-555.530(4), F.A.C.**
3. The Permittee shall provide an operation and maintenance manual for all new or altered facilities to fulfill the requirements under subsection **62-555.350(13), F.A.C.**
4. The Permittee shall submit a certification of construction completion to the Department and obtain approval or clearance, from the Department per **Rule 62-555.345, F.A.C.**, before placing any public water system components constructed or altered under this permit in operation for any purpose other than disinfection, testing for leaks, or testing equipment operation. This does not prohibit the Permittee from cutting into existing water mains, and returning the water mains to operation in accordance with subsection **62-555.340(5), F.A.C.**, without the Department's approval.
5. Chemicals that are contained in coatings that are applied to a surface in contact with drinking water, or are otherwise on equipment surfaces that come into contact with the water, and additives and chemicals used to treat water shall conform to American National Standards Institute (ANSI)/NSF International Standard 60-1988. Water system components whose surfaces come into contact with drinking water shall conform to ANSI/NSF Standard 61-1991. The authorized representative of the public water system shall certify in writing that each item conforms to the appropriate standard prior to release for operation. **[Rules 62-555.320(3) (a), 62-555.320(3)(b) and 62-555.320(3)(d), F.A.C.]**
6. The installation or repair of any public water system, or any plumbing in residential or nonresidential facility providing water for human consumption, which is connected to a public water system, shall be lead free. **[Rule 62-555.322(1), F.A.C.]**
7. The permittee must instruct the engineer of record to request system clearance from the Department within sixty (60) days of completion of construction, testing and disinfecting the system. Bacteriological test results shall be considered unacceptable if the test were completed more than 60 days before the Department received the results. **[Rule 62-555.340(2) (c) F.A.C.]**

Permitted construction or alteration of a public water system may not be placed into service until a letter of clearance has been issued by this Department. **[Rule 62-555.345, F.A.C.]**

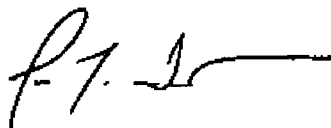
8. Prior to placing this project into service, Permittee shall submit, at a minimum, all of the following to the Department for evaluation and approval for operation, as provided in **Rules 62-555.340 and 62-555.345, F.A.C.**:
 - a. The Certification of Construction Completion and Request for Clearance to Place Permitted PWS Components Into Operation {DEP Form 62-555.900(9)}
 - b. Certified record drawings, if there are any changes noted for the permitted project.

- c. Copy of a satisfactory pressure test of the process piping performed in accordance with AWWA Standards. [Rule 62-555.320(21) (a) (1), F.A.C.]
- d. Two consecutive days of satisfactory distribution bacteriological analytical results.

In order to facilitate the issuance of a letter of clearance, the Department requests that all of the above information be submitted as one package.

- 9. The facility has been classified as a Category V, Class C water treatment plant. Accordingly, the lead or chief operator must be Class C or higher. Proof of staffing by a Class C or higher: 5 visits/week and one visit each weekend for a total of 0.6 hour/week. F.A.C. Rule 62-699.310(2)(e)5.
- 10. The water treatment plant shall maintain throughout the distribution system a minimum combined chlorine residual of 0.6 mg/l or its equivalent. A minimum system pressure of 20 psi must be maintained throughout the system. Also, safety equipment shall be provided and located outside of chlorine room.
- 11. The permittee shall submit a monthly operations report (MOR) DEP Form 62-555.900(2), to the Department no later than the tenth of each succeeding month.
- 12. Permittee shall follow the guidelines of Chapters 62-550, 62-555, and 62-560, F.A.C., regarding public drinking water system standards, monitoring, reporting, permitting, construction, and operation.
- 13. This facility is a Community Water System as defined in F.A.C. Rule 62-550.200(17) and shall comply with the applicable chemical, radiological, lead and copper, and bacteriological monitoring requirements of F.A.C. Chapter 62-550. Such requirements shall be initiated within the quarter that the modification of the water treatment facility is implemented and the results submitted to the Department.
- 14. The permittee shall provide an operation and maintenance manual for the new or altered treatment facilities to fulfill the requirements under subsection 62-555.350(13), F.A.C. The manual shall contain operation and control procedures, and preventative maintenance and repair procedures, for all plant equipment and shall be made available for reference at the plant or at a convenient location near the plant. Bound and indexed equipment manufacturer manuals shall be considered sufficient to meet the requirements of the subsection.
- 15. Day tanks shall be constructed in accordance with Sections 5.1.10 and 5.1.11 in Recommended Standards for Water Works as incorporated into Rule 62-555.330, F.A.C.
- 16. The permittee or suppliers of water shall telephone the State Warning Point (SWP), at 1-800-320-0519 immediately (i.e. within two hours) after discovery of any actual or suspected sabotage or security breach, or any suspicious incident, involving a public water system in accordance with the F.A.C. Rule 62-555.350(10).

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jon M. Iglehart
Director of
District Management

HC WATERWORKS, INC.

September 22, 2017

HC Waterworks, Inc.
Attn: Troy Rendell
4939 Cross Bayou Boulevard
New Port Richey, FL 34652

RE: Lake Josephine Water Treatment Plant Upgrades

To Whom It May Concern,

HC Waterworks, Inc. (OWNER) is requesting a proposal for the installation of a Hydrogen Sulfide Removal System at the Lake Josephine water treatment plant #2 in Highlands County, Florida. Per the plans dated August 25, 2017.

PROJECT DESCRIPTION: The Water treatment plant upgrades will include the installation of forced draft aeration system, sulfuric acid feed system, sodium hydroxide feed system, 10,000 gallon hydro pneumatics tank, and all associated piping and injection points.

Find attached the proposed schedule of values on page 2 of this document.

If you have any additional questions or concerns, please contact me at (727) 848-8292 ext. 222.

Respectfully,

Troy Rendell
Vice President
Investor Owned Utilities
/// For HC Waterworks, Inc.

HC WATERWORKS, INC.

Mobilization/ Demobilization	\$ <u>65,878.00</u>
Degasification System	\$ <u>157,062.00</u>
Sulfuric Acid & Sodium Hydroxide Feed System	\$ <u>78,126.00</u>
Hydro-Pneumatic Tank	\$ <u>133,981.00</u>
Piping and Injection Points	\$ <u>89,493.00</u>
Electrical and Controls	\$ <u>57,656.00</u>
TOTAL PRICE	\$ <u>582,196.00</u>

Date: 10-12-17

Company Name: BJ Enterprises, Inc.

Proposer Signature: Timothy Sappah

Printed Name/ Title: Timothy Sappah

HC WATERWORKS, INC.

September 22, 2017

HC Waterworks, Inc.
Attn: Troy Rendell
4939 Cross Bayou Boulevard
New Port Richey, FL 34652

RE: Lake Josephine Water Treatment Plant Upgrades

To Whom It May Concern,

HC Waterworks, Inc. (OWNER) is requesting a proposal for the installation of a Hydrogen Sulfide Removal System at the Lake Josephine water treatment plant #2 in Highlands County, Florida. Per the plans dated August 25, 2017.

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Find attached the proposed schedule of values on page 2 of this document.

If you have any additional questions or concerns, please contact me at (727) 848-8292 ext. 222.

Respectfully,

Troy Rendell
Vice President
Investor Owned Utilities
/// For HC Waterworks, Inc.

HC WATERWORKS, INC.

Mobilization/ Demobilization	\$ <u>85,000.00</u>
Degasification System	\$ <u>132,787.00</u>
Sulfuric Acid & Sodium Hydroxide Feed System	\$ <u>88,900.00</u>
Hydro-Pneumatic Tank	\$ <u>134,500.00</u>
Piping and Injection Points	\$ <u>104,786.00</u>
Electrical and Controls	\$ <u>55,497.00</u>
TOTAL PRICE	\$ <u>603,470.00</u>

Date: 10-31-18

Company Name: Maroff Environmental Inc.

Proposer Signature: [Signature]

Printed Name/ Title: Don Kraize Jr President

HC WATERWORKS, INC.

September 22, 2017

HC Waterworks, Inc.
Attn: Troy Rendell
4939 Cross Bayou Boulevard
New Port Richey, FL 34652

RE: Lake Josephine Water Treatment Plant Upgrades

To Whom It May Concern,

HC Waterworks, Inc. (OWNER) is requesting a proposal for the installation of a Hydrogen Sulfide Removal System at the Lake Josephine water treatment plant #2 in Highlands County, Florida. Per the plans dated August 25, 2017.

PROJECT DESCRIPTION: The Water treatment plant upgrades will include the installation of forced draft aeration system, sulfuric acid feed system, sodium hydroxide feed system, 10,000 gallon hydro pneumatics tank, and all associated piping and injection points.

Find attached the proposed schedule of values on page 2 of this document.

If you have any additional questions or concerns, please contact me at (727) 848-8292 ext. 222.

Respectfully,

Troy Rendell
Vice President
Investor Owned Utilities
/// For HC Waterworks, Inc.

4939 Cross Bayou Boulevard, New Port Richey, FL 34652
Tel: (866) 753-8292 Fax: (727) 848-7701

HC WATERWORKS, INC.

Mobilization/ Demobilization	\$ <u>78,427.19</u>
Degasification System	\$ <u>124,161.99</u>
Sulfuric Acid & Sodium Hydroxide Feed System	\$ <u>76,937.57</u>
Hydro-Pneumatic Tank	\$ <u>112,487.59</u>
Piping and Injection Points	\$ <u>92,996.76</u>
Electrical and Controls	\$ <u>42,701.50</u>
TOTAL PRICE	\$ <u>527,713.20</u>

Date: 10/29/17

Company Name: U.S. Water

Proposer Signature: Ralph Amiot

Printed Name/ Title: Ralph Amiot VP



Florida Department of Environmental Protection

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@dep.state.fl.us

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

POTABLE WATER CLEARANCE – PARTIAL

June 13, 2018

Gary Deremer, President
HC Waterworks, Inc.
4939 Cross Bayou Blvd.
New Port Richey, FL 34652
gderemer@uswatercorp.net

Highlands County
Permit Number: 356321-001-WC
PWS Name: HC Waterworks, Inc.
PWS ID: 6280162
Project Name: HC Waterworks, Inc – Lake Josephine WTP Hydrogen Sulfide Removal System

Dear Mr. Deremer:

This letter acknowledges receipt of the certification, dated June 11, 2018, for the subject water treatment plant modification. The submitted information demonstrates the modification has been constructed in accordance with the FDEP Permit Number above and related plans and materials for the partial work described below and that satisfactory bacteriological tests were conducted in accordance with the AWWA standards. Based on the certification and satisfactory bacteriological results, the Department is partially clearing the modification for service, "after-the-fact." Separate clearance is required for the remainder of the project and should be requested prior to putting those components into operation.

Partial clearance limited to: The installation of forced draft aeration tower with pH adjustment.

If you have any questions or comments regarding this clearance, please contact Ashlee Edwards by telephone at 239-344-5688 or by e-mail at Ashlee.J.Edwards@floridadep.gov.

Sincerely,

A handwritten signature in black ink that reads "Gary A. Mair".

For O. James Oni
Professional Engineer
Water Facilities
Florida Department of Environmental Protection

cc: Mohammed Y. Kader, P.E., mkader@uswatercorp.net



Water and Wastewater Utility Operations, Maintenance, Engineering, Management, Construction

June 11, 2018

Mr. O. James Oni, P.E., Manager
Drinking Water Permitting Section
Florida Department of Environmental Protection
2295 Victoria Avenue, Suite 364
Fort Myers, FL 33902

**RE: HC Waterworks, Inc. – Lake Jo WTP Modification
Certificate of Construction Completion Form
“PARTIAL CLEARANCE REQUEST”
PWS ID Number 628-0162, Permit No. 356321-001-WC**

Dear Mr. Oni:

Please find attached the Certificate of Completion of Construction DEP Form 62-555.900(9) for this project.

If you have any questions or comments regarding this project, please do not hesitate to contact me at (727) 243-5875.

Sincerely

A handwritten signature in black ink, appearing to read "Mo Kader", is written over a large, stylized bracket that spans from the word "Sincerely" to the signature itself.

Mo Kader, P.E.
Engineering Services
U.S. Water Services Corporation

MK/mk
Attachments
cc: Gary Derermer, HC Waterworks, Inc.

4939 Cross Bayou Blvd. ~ New Port Richey ~ Florida 34652

Ph: 727-848-8292 ~ Fax: 727-848-7701 ~ Toll Free: 866-753-8292



CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

See page 5 for instructions.

I. General Project Information

A. Name of Project: HC Waterworks, Inc. - Lake Josephine WTP Hydrogen Sulfide Removal System (PARTIAL)

B. Department of Environmental Protection (DEP) Construction Permit

Permit Number: 356321-001-WC

Date Permit Was Issued: 09/25/2017

C. Portion of Project for Which Construction Is Substantially Complete and for Which Clearance Is Requested

☐ Entire Project

☒ Following Portion of Project:

Addition of forced draft aeration tower with pH adjustment.

D. Permittee

PWS/Company Name: Hc Waterworks, Inc.

PWS Identification Number: * 6280162

PWS Type: ☒ Community ☐ Non-Transient Non-Community ☐ Transient Non-Community ☐ Consecutive

Contact Person: Gary Deremer

Contact Person's Title: President

Contact Person's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Contact Person's Telephone Number: 7278488292

Contact Person's Fax Number: 7278487701

Contact Person's E-Mail Address: gderemer@uswatercorp.net

** This information is required only if the permittee is a public water system (PWS).*

E. Public Water System (PWS) Supplying Water to Project

PWS Name: Hc Waterworks, Inc.

PWS Identification Number: 6280162

PWS Type: ☒ Community ☐ Non-Transient Non-Community ☐ Transient Non-Community ☐ Consecutive

PWS Owner: HC Waterworks, Inc.

Contact Person: Gary Deremer

Contact Person's Title: President

Contact Person's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Contact Person's Telephone Number: 7278488292

Contact Person's Fax Number: 7278487701

Contact Person's E-Mail Address: gderemer@uswatercorp.net

F. Public Water System (PWS) that Will Own Project After It Is Placed into Permanent Operation

PWS Name: Hc Waterworks, Inc.

PWS Identification Number: * 6280162

PWS Type: ☒ Community ☐ Non-Transient Non-Community ☐ Transient Non-Community ☐ Consecutive

PWS Owner: HC Waterworks, Inc.

Contact Person: Gary Deremer

Contact Person's Title: President

Contact Person's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Contact Person's Telephone Number: 7278488292

Contact Person's Fax Number: 7278487701

Contact Person's E-Mail Address: gderemer@uswatercorp.net

** This information is required only if the owner/operator is an existing PWS.*

G. Professional Engineer in Responsible Charge of Inspecting Construction of Project*

Company Name: U.S. Water Services Corporation

Engineer: Mohammed Y. Kader, P.E.

Engineer's Florida License Number: 45129

Engineer's Title: Director of Engineering

Engineer's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Engineer's Telephone Number: 7278488292

Engineer's Fax Number: 7278487701

Engineer's E-Mail Address: mkader@uswatercorp.net

** This information is required if construction of this project is inspected under the responsible charge of a professional engineer licensed in Florida. Whenever a project is designed under the responsible charge of a professional engineer licensed in Florida and is permitted by the Department, construction of the project shall be inspected under the responsible charge of a professional engineer licensed in Florida.*

CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

DEP Construction Permit Number: 356321-001-WC

Substantially Complete Portion of Project if Other than Entire Project:

Addition of forced draft aeration tower with pH adjustment.

II. Deviations from Department of Environmental Protection (DEP) Construction Permit for Project*

Description and explanation of all deviations from the DEP construction permit, including the approved preliminary design report or drawings and specifications, for the substantially complete portion of this project: Minor

A typographical error was noticed in the first page of the permit regarding the rating of the degasifier. It was designed to handle 350 GPM not 85 GPM to accommodate the well pump.

The chemical feed pumps are PULSAtron and meet the design requirements for caustic soda and sulfuric acid as attached.

I completed Part II of this form, and the information provided in Part II is true and accurate to the best of my knowledge and belief.

Signature, Seal, and Date of Professional Engineer or
Signature and Date of Authorized Representative of
Permittee*

Mohammed Y. Kader, P.E.

Printed or Typed Name

45129

License Number of Professional
Engineer or Title of Authorized
Representative of Permittee*

* Whenever a project is designed under the responsible charge of a professional engineer licensed in Florida and is permitted by the Department, construction of the project shall be inspected under the responsible charge of a professional engineer licensed in Florida. If construction of this project is inspected under the responsible charge of a professional engineer licensed in Florida, Part II of this form shall be completed, signed, sealed, and dated by the professional engineer in responsible charge. If this project is not inspected under the responsible charge of a professional engineer licensed in Florida, Part II shall be completed, signed, and dated by an authorized representative of the permittee.

III. Certifications

A. Certification by Permittee

I am duly authorized to sign this form on behalf of the permittee identified in Part I.D of this form. I certify the following:

- to the best of my knowledge and belief, the substantially complete portion of this project is sufficiently complete to be utilized for the purposes for which it is intended;
- to the best of my knowledge and belief, the substantially complete portion of this project has been completed in accordance with the Department of Environmental Protection construction permit, including the approved preliminary design report or drawings and specifications, for this project; or to the best of my knowledge and belief, the deviations described and explained in Part II of this form will not prevent the substantially complete portion of this project from functioning in compliance with Chapters 62-550 and 62-555, F.A.C.;

CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

DEP Construction Permit Number: 356321-001-WC

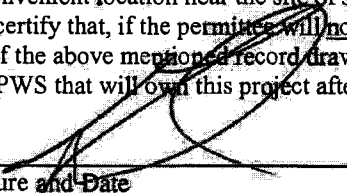
Substantially Complete Portion of Project if Other than Entire Project:

Addition of forced draft aeration tower with pH adjustment.

- to the best of my knowledge and belief, all new or altered public water system components that are included in the substantially complete portion of this project and that must be disinfected and bacteriologically surveyed or evaluated per subsection 62-555.315(6), F.A.C., or Rule 62-555.340, F.A.C., have been disinfected and bacteriologically surveyed or evaluated in accordance with said subsection or said rule;
- the permittee has had complete record drawings produced for the substantially complete portion of this project; to the best of my knowledge and belief, said record drawings adequately depict the substantially complete portion of this project as constructed and identify the deviations described and explained in Part II of this form; and said record drawings are available for review at the following location: water treatment plant

- if the substantially complete portion of this project includes any new or altered drinking water treatment facilities, an operation and maintenance manual for said treatment facilities is available for reference at the site of said treatment facilities or at a convenient location near the site of said treatment facilities.

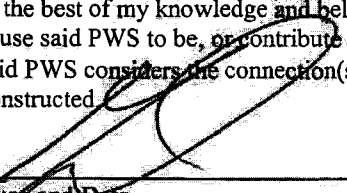
I also certify that, if the permittee will not own this project after it is placed into permanent operation, the permittee has provided a copy of the above mentioned record drawings and a copy of the above mentioned operation and maintenance manual, if applicable, to the PWS that will own this project after it is placed into permanent operation.

 Signature and Date	6-11-18	Gary Deremer Printed or Typed Name	President Title
---	---------	---------------------------------------	--------------------

B. Certification by PWS Supplying Water to Project

I am duly authorized to sign this form on behalf of the PWS identified in Part I.E of this form. I certify that said PWS will supply the water necessary to meet the water demands for the substantially complete portion of this project, and I certify the following:

- to the best of my knowledge and belief, said PWS's connection to the substantially complete portion of this project will not cause said PWS to be, or contribute to said PWS being, in noncompliance with Chapter 62-550 or 62-555, F.A.C.;
- said PWS considers the connection(s) between the substantially complete portion of this project and said PWS acceptable as constructed.

 Signature and Date	6-11-18	Gary Deremer Printed or Typed Name	President Title
---	---------	---------------------------------------	--------------------

C. Certification by PWS that Will Own Project After It Is Placed into Permanent Operation

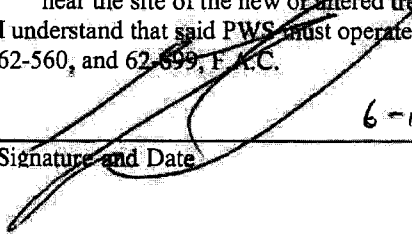
I am duly authorized to sign this form on behalf of the PWS identified in Part I.F of this form. I certify that said PWS will own the substantially complete portion of this project after it is placed into permanent operation, and I certify the following:

- said PWS considers the substantially complete portion of this project acceptable as constructed;
- said PWS has received complete record drawings for the substantially complete portion of this project and the record drawings

are available for review at the following location: water treatment plant

- if the substantially complete portion of this project includes any new or altered drinking water treatment facilities, said PWS has received an operation and maintenance manual for the new or altered treatment facilities, and the operation and maintenance manual is available for reference at the site of the new or altered treatment facilities or at a convenient location near the site of the new or altered treatment facilities.

I understand that said PWS must operate and maintain this project in a such a manner as to comply with Chapters 62-550, 62-555, 62-560, and 62-599, F.A.C.

 Signature and Date	6-11-18	Gary Deremer Printed or Typed Name	President Title
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CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

DEP Construction Permit Number: 356321-001-WC

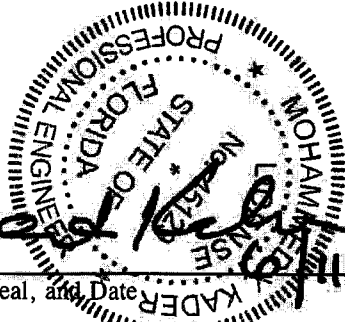
Substantially Complete Portion of Project if Other than Entire Project:

Addition of forced draft aeration tower with pH adjustment.

D. Certification by Professional Engineer in Responsible Charge of Inspecting Construction of Project*

I, the undersigned professional engineer licensed in Florida, am in responsible charge of inspecting construction of this project for the purpose of determining in general if the construction proceeds in compliance with the Department of Environmental Protection (DEP) construction permit, including the approved preliminary design report or drawings and specifications, for this project. I, or a person acting under my responsible charge, observed construction of the substantially complete portion of this project and reviewed shop drawings, test results, and record drawings for the substantially complete portion of this project, and based upon said observation and reviews, I certify the following:

- the substantially complete portion of this project is sufficiently complete to be utilized for the purposes for which it is intended;
- the substantially complete portion of this project has been completed in accordance with the DEP construction permit, including the approved preliminary design report or drawings and specifications, for this project; or to the best of my knowledge and belief, the deviations described and explained in Part II of this form will not prevent the substantially complete portion of this project from functioning in compliance with Chapters 62-550 and 62-555, F.A.C.;
- all new or altered public water system components that are included in the substantially complete portion of this project and that must be disinfected and bacteriologically surveyed or evaluated per subsection 62-555.315(6), F.A.C., or Rule 62-555.340, F.A.C., have been disinfected and bacteriologically surveyed or evaluated in accordance with said subsection or said rule; and
- the record drawings for the substantially complete portion of this project adequately depict the substantially complete portion of this project as constructed and identify the deviations described and explained in Part II of this form.


Signature, Seal, and Date

Mohammed Y. Kader, P.E.

Printed or Typed Name

45129

License Number

* Whenever a project is designed under the responsible charge of a professional engineer licensed in Florida and is permitted by the Department, construction of the project shall be inspected under the responsible charge of a professional engineer licensed in Florida. If construction of this project is inspected under the responsible charge of a professional engineer licensed in Florida, Part III.D of this form shall be completed, signed, sealed, and dated by the professional engineer in responsible charge. If this project is not inspected under the responsible charge of a professional engineer licensed in Florida, Part III.D does not have to be completed.

CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

INSTRUCTIONS: This form shall be completed and submitted for projects permitted and constructed under specific Department of Environmental Protection (DEP) construction permits for public water system components, under the DEP's "General Permit for Construction of Water Main Extensions for Public Water Systems," or under the DEP's "General Permit for Construction of Lead or Copper Corrosion Control, or Iron or Manganese Sequestration, Treatment Facilities for Small or Medium Public Water Systems." AFTER COMPLETING, OR SUBSTANTIALLY COMPLETING, CONSTRUCTION OF A PROJECT, OR A PORTION THEREOF, AND BEFORE PLACING THE SUBSTANTIALLY COMPLETE PROJECT, OR PORTION THEREOF, INTO OPERATION FOR ANY PURPOSE OTHER THAN DISINFECTION, TESTING FOR LEAKS, OR TESTING EQUIPMENT OPERATION, complete and submit one copy of this form to the appropriate DEP District Office or Approved County Health Department along with one copy of the following information:

- the portion of record drawings showing deviations from the DEP construction permit, including the approved preliminary design report or drawings and specifications, if there are any deviations from said permit (note that it is necessary to submit a copy of only the portion of record drawings showing deviations and not a complete set of record drawings);
- bacteriological test results, including a sketch or description of all bacteriological sampling locations, demonstrating compliance with subsection 62-555.315(6), F.A.C., or Rule 62-555.340, F.A.C., if the substantially complete portion of the project includes any new or altered public water system (PWS) components that must be disinfected and bacteriologically surveyed or evaluated per said subsection or said rule;
- analytical test results demonstrating compliance with Part III of Chapter 62-550, F.A.C., or subsection 62-524.650(2), F.A.C., if the substantially complete portion of the project includes any new or altered PWS components that are necessary to achieve, or affect, compliance with said part or said subsection;
- a completed Form 62-555.900(20), New Water System Capacity Development Financial and Managerial Operations Plan, if the DEP construction permit was issued before the effective date of Rule 62-555.525, F.A.C., (9-22-99) and the substantially complete portion of the project creates a "new system" as described under subsection 62-555.525(1), F.A.C.; and
- any other information required by conditions in the DEP construction permit.

All information provided on this form shall be typed or printed in ink. NOTE THAT A SEPARATE CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE IS REQUIRED FOR EACH PERMITTED PROJECT. **DO NOT PLACE ANY NEW OR ALTERED PWS COMPONENTS INTO PERMANENT OPERATION UNTIL THE DEPARTMENT ISSUES WRITTEN APPROVAL, OR CLEARANCE, TO PLACE THE COMPONENTS INTO PERMANENT OPERATION.**

LAKE JOSEPHINE WTP HIGHLANDS COUNTY, FLORIDA

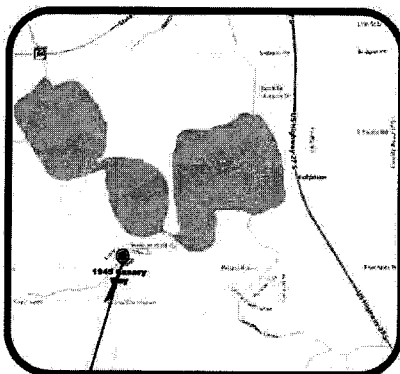
PARTIAL CLEARANCE RECORD PLANS HYDROGEN SULFIDE REMOVAL SYSTEM PWS ID NO. 628-0162

U.S. Water
Services Corporation

4939 Cross Bayou Blvd.
New Port Richey, Florida 34652-3434
Phone: (727) 848-8292 Fax: (727) 848-7701
FL COA NO. 8754 7 FL REG. NO. 45129

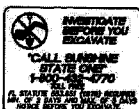
INDEX OF DRAWINGS

SHEET NO.	TITLE
1	COVER SHEET
2	WATER SYSTEM NOTES 1
3	WATER SYSTEM NOTES 2
4	DEMOLITION/ABANDONMENT PLAN
5	PROPOSED SITE/CHEMICAL FEED PLAN
6	SITE PIPING DETAILS 1
7	SITE PIPING DETAILS 2
8	AERATION SYSTEM DETAILS
9	CHEMICAL FEED SYSTEM DETAILS 1
10	CHEMICAL FEED SYSTEM DETAILS 2
11	CONSTRUCTION DETAILS
12	PROCESS FLOW DIAGRAM



PROJECT LOCATION

LOCATION MAP
N.T.S.



LOCATION

1945 CANARY WAY, SEBRING, FL 33875

PROJECT DESCRIPTION

INSTALLATION OF A 350 GPM HYDROGEN SULFIDE FORCED DRAFT AIR STRIPPER WITH pH ADJUSTMENT BY ACID AND CAUSTIC FEED, WITH ALL ASSOCIATED PIPING AND APPURTENANCES AT LAKE JOSEPHINE WATER TREATMENT PLANT.

PROJECT TEAM

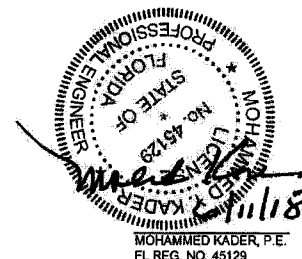
OWNER -
GARY DEREMER
HC WATERWORKS, INC.
4939 CROSS BAYOU BLVD.
NEW PORT RICHEY, FL 34652
TELEPHONE: (727) 848-8292
PROFESSIONAL ENGINEERING SERVICES -
U.S. WATER SERVICES CORPORATION
4939 CROSS BAYOU BLVD.
NEW PORT RICHEY, FL 34652-3434
(727) 848-8292 - FAX (727) 848-7701

UTILITIES -

POWER - GLADES ELEC. CO-OP INC.
GLEN STIMSON (863) 465-0231
WATER - U.S. WATER SERVICES
RON DEROSSETT (727) 848-8292

ENGINEERING PLANS

PREPARED FOR:
HC WATERWORKS, INC.
HIGHLANDS COUNTY
FLORIDA



MOHAMMED KADER, P.E.
FL REG. NO. 45129

THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF U.S. WATER SERVICES CORP. AND ARE NOT TO BE REPRODUCED, COPIED, PUBLISHED, OR USED IN WHOLE OR PART WITHOUT WRITTEN CONSENT. THEY ARE TO BE USED ONLY FOR THE SITE AND PROJECT IDENTIFIED AND SHALL BE RETURNED UPON REQUEST.

GENERAL CONSTRUCTION NOTES:

1. All design and construction shall conform to the minimum standards set forth by FDEP, FDOT, Highlands County, and the local governing agencies.
2. Locations, elevations and dimensions of existing utilities, structures and other features are shown according to the best information available at time of preparation of these plans. The contractor shall verify the locations, elevations, and dimensions of all existing utilities, structures and other features affecting this work prior to construction.
3. The contractor shall check plans for conflicts and discrepancies prior to performing any work in the affected area.
4. The contractor is responsible for repairing any damage to existing facilities, above or below ground that may occur as a result of the work performed by the contractor called for in this contract.
5. All underground utilities must be in place and tested or inspected prior to road base and subsurface construction.
6. It is the contractor's responsibility to become familiar with the permit and inspection requirements specified by the various governmental agencies and the engineer. The contractor shall obtain all necessary permits prior to construction and schedule inspection according to agency instructions.
7. All work performed shall comply with the regulations and ordinances of the various governmental agencies having jurisdiction over the work.
8. Contractor shall submit shop drawings on all precast and manufactured items to the engineer for approval. Failure to obtain approval before installation may result in removal and replacement at contractor's expense.
9. All underground pipes are to be PVC unless otherwise noted.
10. All proposed concrete support slabs and support structures shall be constructed with minimum of 4,000 psi concrete.
11. All chemical feed pipes and water mains are to be constructed with 3.0' minimum cover unless otherwise noted on the plans.
12. All rocks or stones larger than 6" in diameter shall be removed from the backfill material. Backfill material placed within 1-foot of piping and appurtenances shall not contain any stones larger than 2" in diameter.
13. All workmanship and materials used in the construction of this project shall conform to FDOT's Standard specifications for roadwork and bridge construction, latest edition, and the latest Highlands County standards, unless otherwise indicated.
14. The contractor shall notify the appropriate public agency(ies) prior to commencing work within their jurisdiction.
15. All pipe lengths are approximate. Pipe measurements are to center of structures or fittings. Pipe measurements for straight end wall end sections are to end of pipe.
16. The aeration and odor control systems specified are engineered and designed by the vendors for seamless installation and continued operation. The electrical loads, dimensions and weights of the proposed equipment were utilized for the specific electrical and structural designs detailed within these plans. Any proposed substitution of equipment shall include engineered treatment design calculation, structural support designs, lightning protection/grounding details, wind load calculations, and wind restraints as are to be provided by the equipment vendor upon purchase.
17. The contractor shall be responsible for all building permits required.

62-555.320, F.A.C., (21) Drinking Water Piping and Appurtenances.

(a) All new or altered mains, including treatment plant process piping, and appurtenances conveying raw or partially treated drinking water shall be designed and constructed in accordance with Sections 8.0, 8.4, 8.5, and 8.7 in Recommended Standards for Water Works as incorporated into Rule 62-555.330, F.A.C., except that:

1. Asbestos-cement water mains shall be pressure and leakage tested in accordance with American Water Works Association (AWWA) Standard C603 as incorporated into Rule 62-555.330, F.A.C., and polyvinyl chloride water mains shall be pressure and leakage tested in accordance with AWWA Standard C605 as incorporated into Rule 62-555.330, F.A.C., while all other types of water mains shall be pressure and leakage tested in accordance with AWWA Standard C600 as incorporated into Rule 62-555.330, F.A.C.

2. Water mains and appurtenances that normally convey surface water, or ground water under the direct influence of surface water, and that are located upstream of all filtration and disinfection treatment facilities need not be disinfected.

3. All water mains and appurtenances other than those described in subparagraph 2. above shall be disinfected and bacteriologically evaluated in accordance with Rule 62-555.340, F.A.C.

(b) All new or altered piping, including treatment plant process piping, and appurtenances conveying finished drinking water shall be designed and constructed in accordance with Sections 8.0 through 8.5 and 8.7 through 8.11 in Recommended Standards for Water Works as incorporated into Rule 62-555.330, F.A.C., except that:

Drinking Water Piping and Appurtenances. (Continued)

4. All water mains and appurtenances shall be disinfected and bacteriologically evaluated in accordance with Rule 62-555.340, F.A.C.
5. All water main pipe, including fittings, installed on or after August 28, 2003, except pipe installed under a construction permit for which the Department received a complete application before August 28, 2003, shall be color coded or marked using blue as a predominant color to differentiate drinking water from reclaimed or other water. Underground plastic pipe shall be solid-wall blue pipe, shall have a co-extruded blue external skin, or shall be white or black pipe with blue stripes incorporated into, or applied to, the pipe wall; and underground metal or concrete pipe shall have blue stripes applied to the pipe wall. Pipe striped during manufacturing of the pipe shall have continuous stripes that run parallel to the axis of the pipe, that are located at no greater than 90-degree intervals around the pipe, and that will remain intact during and after installation of the pipe. If tape or paint is used to stripe pipe during installation of the pipe, the tape or paint shall be applied in a continuous line that runs parallel to the axis of the pipe and that is located along the top of the pipe; for pipes with an internal diameter of 24 inches or greater, tape or paint shall be applied in continuous lines along each side of the pipe as well as along the top of the pipe. Aboveground pipe at drinking water treatment plants shall be color coded and labeled in accordance with subsection 62-555.320(10), F.A.C., and all other aboveground pipe shall be painted blue or shall be color coded or marked like underground pipe.

(c) The Department shall allow the use of pipe and appurtenances that do not conform to applicable American Water Works Association (AWWA) standards as incorporated into Rule 62-555.330, F.A.C., only if suppliers of water or construction permit applicants provide documentation showing that the alternate pipe and appurtenances provide strength, durability, reliability, and public health protection at least equal to that provided by pipe and appurtenances that conform to applicable AWWA standards.

1.2 SUBSTITUTIONS

1.2.1 Engineers Approval Required

1.2.1.1 The Contract is based on the materials, equipment and methods described in the Contract Documents.

1.2.1.2 The Engineer will consider proposals for substitution of materials, equipment, and methods only when such proposals are accompanied by full and complete technical data and all other information required by the Engineer to evaluate the proposed substitution.

1.2.1.3 Do not substitute materials, equipment, or methods unless such substitution has been specifically approved for this Work by the Engineer.

1.2.2 "Or Equal"

1.2.2.1 Where the phrase "or equal" or "or equal as approved by the Engineer" occurs in the Contract Documents, do not assume that materials, equipment, or methods will be approved by the Engineer unless the item has been specifically approved for this Work by the Engineer.

1.2.2.2 The decision of the Engineer shall be final.

1.2.3 Availability of Specified Items

1.2.3.1 Verify prior to bidding that all specified items will be available in time for installation during orderly and timely progress of the Work.

1.2.3.2 In the event that specified items will not be so available, so notify the Engineer prior to receipt of bids.

1.2.3.3 Costs and delays because of non-availability of specified items, when such delays could have been avoided by the Contractor, shall be back-charged as necessary and shall not be borne by the Owner.

1.2.4 Accommodation of Substituted Work

If substitution of any materials is requested by the Contractor, any approval is subject to the Contractor providing all necessary changes in piping, fittings, etc., to accommodate the change at no additional cost to the Owner, whether or not specifically detailed in the Shop Drawings or on the Plans.

1.3 SUBMITTALS

1.3.1 Number of Copies

Submit five (5) copies of all submittals in accordance with Section 01300 (Submittals and Substitutions) of these Specifications, unless otherwise specified.

1.3.2 Timely Submittal

1.3.2.1 All submittals must be done at least two weeks before beginning construction on the particular items covered in the submittal.

1.3.2.2 Contractor shall make submittals promptly so that a delay in the work does not occur because of reasonable review times.

1.3.2.3 Numerous review and resubmittal cycles caused by incorrect or incomplete submittals shall not be cause for contract time extension.

1.3.3 Contractor Certification Requirement

1.3.3.1 Contractor shall certify that he has reviewed the submittal and that it conforms to the requirements of the plans and specifications.

SUBSTITUTIONS (Continued)

1.3.3.2 Any variations or substitutions requested shall be specifically called out as such in the transmittal to the Engineer.

1.3.3.3 Any submittals made without the above certifications and statements of variation shall be returned to the Contractor unreviewed.

1.3.4 Prohibition Against Construction Without Approved Submittals
Construction shall not commence until approved submittals are received from the Engineer. Any work installed prior to receipt of approved submittals from the Engineer shall be at the Contractor's hazard and shall be subject to removal and replacement with approved materials and methods at no additional cost to the Owner.

EROSION AND POLLUTION CONTROL NOTES

1. Protection and stabilization of onsite soil stockpiles: Fill material stockpile shall be protected at all times by onsite drainage controls which prevent erosion of the stockpiled material. Control of dust from such stockpiles is to be required, depending upon their location and the expected length of time the stockpiles will be present. In no case shall any stockpiled material remain after thirty days (30) calendar days upon completion of construction.
2. Protection of existing storm sewer systems water inlets in the vicinity of the project shall be protected by sediment traps such as hay bales, sod stone, etc. which shall be maintained and modified as required by the construction progress, and which must be approved by the engineer before installation. This will be maintained to prevent degradation of the waters of the county and state.
3. Erosion/sedimentation control: Contractor is to provide erosion control/sedimentation barrier (hay bales or siltation curtain) to prevent siltation of adjacent property, streets, storm sewers and waterways. In addition, contractor shall place straw, mulch or other suitable material be placed on ground in areas where construction related traffic is to enter and exit site. Either by natural drainage or by vehicular traffic, the contractor is to remove and clean said earth to satisfaction of the engineer and/or authorities.
4. If wind erosion becomes significant during construction, the contractor shall stabilize the affected area using sprinkling, irrigation or other acceptable methods.

WATER TREATMENT PLANT PIPING

All water mains shall have a minimum of 36 inches of cover. All rocks or stones larger than 6" in diameter shall be removed from the backfill material. Backfill placed within 1-foot of piping and appurtenances shall not contain any stone larger than 2" in diameter. All workmanship and materials used in the construction of this project shall conform to: AWWA, FDEP, RSWW & FDOT's Standard Specifications for Roadwork and Bridge Construction, latest edition.

2. Piping material specifications covering pipes, jointing and packing materials, internal coatings and linings, fittings, specials and appurtenances shall be in accordance with the corresponding AWWA Standards and be conforming to NSF requirements, as may be applicable, with exceptions allowed only if documentation and assurances are provided in compliance with Paragraphs 62-555.320(3)(d), 62-555.320(3)(b) and 62-555.320(21)(c), F.A.C. The lead use prohibition in Rule 62-555.322, F.A.C., shall also apply.

3. All onsite PVC potable water mains 4 inches to 12 inches shall be virgin polyvinyl chloride (PVC) pipe for potable water and shall have a bell type coupling with a thickened wall section integral with the pipe barrel in accordance with ASTM D3139. elastomeric seals shall meet ASTM F477 and shall be attached to the bell utilizing glue (AWWA and manufacturer approved type) or rieber ring. The pipe shall be clean, virgin, National Sanitation Foundation No. 14 approved, Class 12454-A or 12454-B PVC compound conforming to ASTM resin specification D1681. The pipe shall be clearly marked with the name of the manufacturer, the size of the plant, pressure rating, nominal pipe diameter and shall also conform to PVC 120, Class 150, DR 18 AWWA C900.

4. All PVC water mains less than 4 inches must conform to ASTM 1785 Schedule 80, or ASTM 2241 with NSF markings on each installed length.

ENGINEER	DATE	SCALE
HC WW - LAKE JOSEPHINE WTP		
HYDROGEN SULFIDE REMOVAL SYSTEM		
WATER SYSTEM NOTES 1		
HIGHLANDS COUNTY, FLORIDA		

4839 CROSS BAYOU BOULEVARD
FORT MYERS, FL 33907
(734) 648-4332 FAX: (734) 648-7701
FL COA NO. 0754 & FL REG. NO. 45129

U.S. Water
Services Corporation

2
12

RECORD DRAWINGS

WATER TREATMENT PLANT PIPING (Continued)

5. All ductile iron fittings larger than 3" shall be pressure class 350 in accordance with AWWA C-110 with a pressure rating of 350 PSI. Joints shall be mechanical joints in accordance with AWWA C-111. Fittings shall be cement mator lined and coated in accordance with fittings AWWA C-104. All fittings shall be restrained using MEGALUG or approved equal.
6. All fittings 3" and smaller shall be schedule 80 PVC with solvent welded sleeve type joints.
7. Contractor to install temporary blow offs at the end of the water main to assure adequate flushing and disinfecting.
8. Oatley PVC Heavy Duty Gray Solvent Cement or equivalent shall be used for all fittings below grade.
9. All water main pipe, including fittings, installed on or after August 28, 2003, except pipe installed under a construction permit for which the Department received a complete application before August 28, 2003, shall be color coded or marked using blue as a predominant color to differentiate drinking water from reclaimed or other water. Underground plastic pipe shall be solid-wall blue pipe, shall have a co-extruded blue external skin, or shall be white or black pipe with blue stripes incorporated into, or applied to, the pipe wall; and underground metal or concrete pipe shall have blue stripes applied to the pipe wall. Pipe striped during manufacturing of the pipe shall have continuous stripes that run parallel to the axis of the pipe, that are located at no greater than 90-degree intervals around the pipe, and that will remain intact during and after installation of the pipe. If tape or paint is used to stripe pipe during installation of the pipe, the tape or paint shall be applied in a continuous line that runs parallel to the axis of the pipe and that is located along the top of the pipe; for pipes with an internal diameter of 24 inches or greater, tape or paint shall be applied in continuous lines along each side of the pipe as well as along the top of the pipe. Aboveground pipe at drinking water treatment plants shall be color coded and labeled in accordance with subsection 62-555.320(10), F.A.C., and all other aboveground pipe shall be painted blue or shall be color coded or marked like underground pipe.
10. All PVC water mains shall have a suitable magnetic locator buried approximately one foot below grade over the force main. The tape shall be continuous between valves, and secured to each valve. The tape shall be at least 5 1/2 mils thick, 2 inches minimum width and made of aluminum material sandwiched between 2 layers of polyethylene. It shall be imprinted in permanent black ink with 1 inch letters, "CAUTION, WATER LINE BURIED BELOW", on blue background.
11. All water system components and materials that are to come into contact with the potable water shall meet or exceed the latest standards issued by the AWWA and ANSI/NSF requirements.
12. All proposed ball valves shall be Sch 80 true union valves.
13. All proposed treatment plant piping shall utilize piping color code to facilitate identification as follows:

Water Lines	
Row or Recycled	Olive Green
Settled or Clarified	Aqua
Finished or Potable	Dark Blue
Chemical Lines	
Ammonia	White
Caustic	Yellow with Green Band
Chlorine (Gas or Solution)	Yellow
Sulfuric Acid	Yellow with Red Band

TESTING AND INSPECTION REQUIREMENTS

1. All components of the water system, including fittings, hydrants, connections, and valves shall be properly pressure tested and accepted by the FGUA Engineer. The Contractor shall provide a minimum of 48 advanced notice to the FGUA inspector prior to performing any pressure testing (all inspections to be witnessed by FGUA). Cleaning, flushing and hydrostatic pressure testing is to be done in accordance with AWWA C603 for PVC pipe and fittings and AWWA C600 for Ductile Iron water mains and appurtenances.
2. Contractor to perform chlorination and bacteriological sampling. Copies of all bacteriological test to be submitted to the engineer. Locations of chlorination and sampling points to be submitted with test results along with as-built drawings.
3. The contractor shall perform hydrostatic testing of all water distribution system, as set forth in the following, and shall conduct soil tests in the presence of representative of the Engineer and/or the County in which soil tests are performed, with two days' advance notice provided.
4. Testing shall not proceed until concrete thrust blocks are in place and cured or other restraining devices installed. AWWA C605

TESTING AND INSPECTION (Continued)

5. Prior to filling, testing, and disinfecting the installed line, the contractor shall ensure that the line is clean in conformance with ANSI/AWWA C651. To facilitate effective disinfection and minimize the chlorine dosage needed, when practicable, predisinfection flushing should continue until the discharge turbidity drops below 5 ntu, using measurement procedures described in AWWA Manual M12.
6. Lines shall be filled slowly with potable water at a maximum velocity of 1 ft/sec (0.3 m/sec) while venting air. Precautions shall be taken to prevent entrapping air in the lines. After filling, lines shall be flushed at blowoffs and dead ends at a minimum velocity of 3 ft/sec (0.9 m/sec). A minimum of three changes of treated water shall be used in flushing operations. Valves shall be closed slowly to prevent excessive surges while maintaining positive pressure at all times throughout the new line. Flushing water shall be discharged without causing erosion damage, nuisance, or interruption of traffic. Disposal of flushing water shall be in accordance with Sec. 4.1.1.2. A special pipeline pig may be required when the required flushing velocity cannot be achieved or when needed to conserve water. The contractor shall make provisions for locating and retrieving the pig.
7. Hydrostatic testing shall be conducted with water, or other environmentally safe, incompressible fluids, because of the inherent safety hazard potential associated with testing components and systems with compressed air or other compressed gases.
8. The contractor shall provide measurement gauges and recording devices for the test, including pump, pipe, connections, and other necessary apparatus, unless otherwise specified by the purchaser, and shall provide the necessary assistance to conduct the test. Prior to testing, the contractor shall place sufficient backfill to prevent pipe movement. When local conditions require that the trenches be backfilled immediately after the pipe has been laid, the testing may be carried out after backfilling has been completed but before placement of permanent surfacing. The contractor shall ensure that thrust-blocking or other types of restraining systems will provide adequate restraint prior to pressurizing the pipeline. Refer to AWWA C605, Sec. 5.8.4 for backfilling requirements.
9. When existing water mains are used to supply test water, they should be protected from backflow contamination by temporarily installing a double check-valve assembly between the test and supply main or by other means approved by the purchaser. Prior to pressure and leakage testing, the temporary backflow protection should be removed and the main under test isolated from the supply main.
10. Test shall be performed only after the pipeline has been properly filled, flushed, and purged of air. The specified test pressure shall be applied by means of an approved pumping assembly connected to the pipe in a manner satisfactory to the purchaser. The test pressure shall not exceed the design pressure of the pipe, fittings, valves, or thrust restraints. If necessary, the test pressure shall be maintained by additional pumping for the specified time. During tests, the system and exposed pipe, fittings, valves, and hydrants shall be carefully examined for leakage. Visible leaks shall be stopped. Defective elements shall be repaired or removed and replaced and the test repeated until the test requirements have been met.
11. The duration of the hydrostatic test shall be two (2) hours.
12. The hydrostatic test pressure shall not be less than 1.5 times the maximum anticipated sustained working pressure at the highest point along the test section unless the pressure exceeds the design pressure limit for any pipe, thrust restraint, valve, fitting, or other appurtenance of the test section.
13. The test allowance shall be defined as the quantity of water that must be supplied to the pipe section being tested to maintain a pressure within 5 psi (34 kPa) of the specified hydrostatic test pressure. No installation will be accepted if the quantity of makeup water is greater than that determined by the formula:

$$Q = (LD(P)) / 148,000$$

Where:

Q = quantity of makeup water, in gallons per hour
 L = length of pipe section being tested, in feet
 D = nominal diameter of pipe, in inches
 P = average test pressure during the hydrostatic test, in pounds per square inch (gauge)

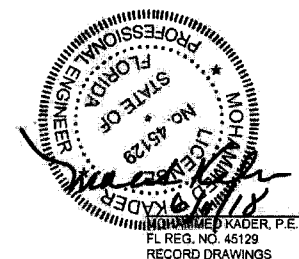
WATER TREATMENT PLANT PIPING (Continued)

Additional Testing Notes:

1. The testing procedure shall include the continued application of the specific pressure to the test system for the two-hour period by way of a pump taking supply from a container suitable for measuring water loss. The amount of loss shall be determined by measuring the volume displaced to maintain system pressure.
2. Prior to placing the installed water line in service, the new pipe and exposed sections and appurtenances of existing pipelines shall be cleaned and disinfected in accordance with ANSI/AWWA C651, unless otherwise specified. Pipelines shall be flushed following the completion of disinfection procedures. Disposal or neutralization of disinfection water shall comply with applicable regulations (refer to Appendix B of ANSI/AWWA C651).

CHEMICAL FEED SYSTEM NOTES

1. All proposed chemicals and materials to be utilized for this project shall be NSF approved for use with potable water.
 2. All water system work shall conform with AWWA standards and specifications.
 3. All proposed chemical feed carrier pipe and fittings shall be manufactured specifically for Sulfuric Acid containment. Chemical feed casing piping shall be 2" minimum, single wall schedule 80 CPVC with solvent welded sleeve type joints. Materials used in the manufacture of the pipe shall be a rigid chlorinated polyvinyl chloride (CPVC) compound, Type IV, Grade I, with a Cell Classification of 23447 as defined in ASTM D1784. This compound shall be light gray in color, and shall be approved by NSF for use with potable water. Material used shall be domestically produced CPVC material. Markings shall indicate mfr's name, material designation code, nominal pipe size with pressure rating in psi for water 73° F, ASTM designation No. F-441, NSF seal for potable water and mfr's date code. Standard pipe length is 20 ft.
 4. All proposed casing pipe and fittings for Sodium Hydroxide chemical feed shall be 2" single wall schedule 80 PVC with solvent welded sleeve type joints. Materials used in the manufacture of the pipe shall be domestically produced rigid polyvinyl chloride (PVC) compound, Type I, Grade 1, with a Cell Classification of 12454 as defined in ASTM D1784. The compound shall be gray in color, and shall be approved by NSF International for use with potable water (NSF Std 61). Product marking shall meet the requirements of ASTM D1785 and shall include: the mfr's name; the nominal pipe size; the material designation code; the pipe schedule and pressure rating in psi for water @ 73° F; the ASTM designation D1785; the independent laboratory's seal of approval for potable water usage; and the date and time of manufacture.
 5. All PVC shall be formulated for sunlight exposure and shall pass the impact strength test as described by ASTM D2444, latest revision, using TAP A with impact level of 94 ft.-lbs.
 6. All proposed above grade chemical feed piping shall be insulated to prevent freezing and color coded.
 7. All proposed buried chemical feed piping shall be installed at least 30" below grade.
- SOLVENT CEMENT**
8. Solvent cement for Sulfuric Acid and Sodium Hydroxide chemical feed piping shall be NSF approved for use with potable water, and designed specifically for CPVC and PVC piping systems carrying acids/50% sulfuric acid, and caustic/50% sodium hydroxide (contain no fumed silica).
 9. The contractor shall utilize primer specifically design for the solvent cement at all joints and fitting welds.



EXAMINER

DATE

SCALE

REVISIONS

BY

DATE

HCWM - LAKE JOSEPHINE WTP

HYDROGEN SULFIDE REMOVAL SYSTEM

WATER SYSTEM NOTES 2

HIGHLANDS COUNTY, FLORIDA

4835 CROSS BAYOU BOULEVARD

DADE COUNTY, FLORIDA 33149

(772) 444-3332 FAX (772) 444-7701

FL. COA. NO. 9754 & FL. REG. NO. 45129

U.S. Water

Services Corporation

3

12

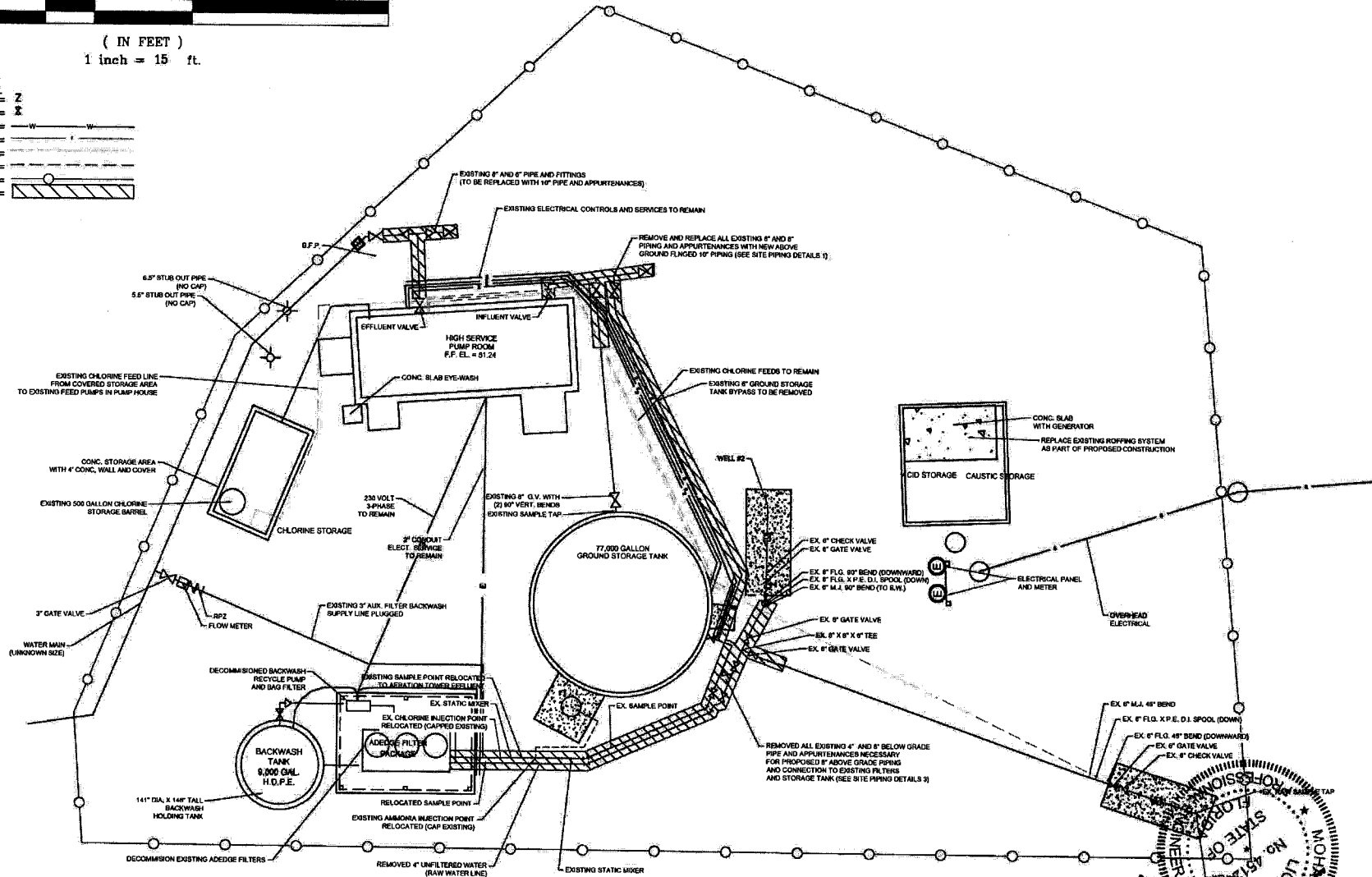
GRAPHIC SCALE



(IN FEET)
1 inch = 15 ft.

LEGEND:

- CHECK VALVE = Z
- GATE VALVE = X
- EXISTING WATER = — W —
- EXISTING ELECTRICAL = — E —
- CHLORINE FEED LINE = — CL —
- AMMONIA SULFATE = — AS —
- SECURITY FENCING = — SF —
- ABANDON EXISTING = — AB —



U.S. Water Services Corporation 4838 CROSS BAYOU BOULEVARD SUITE 200 (727) 848-2322 FAX (727) 848-2701 FL COA NO. 9754 & FL REG. NO. 45129	
HOWE - LAKE JOSEPHINE WTP HYDROGEN SULFIDE REMOVAL SYSTEM DEMOLITION/ABANDONMENT PLAN HIGHLANDS COUNTY, FLORIDA	
PROJECT NO. 45129 SHEET NO. 12 DATE: 10/12/01	ENGINEER: [Signature] CHECKED: [Signature] DESIGNED: [Signature] DRAWN: [Signature]

GRAPHIC SCALE

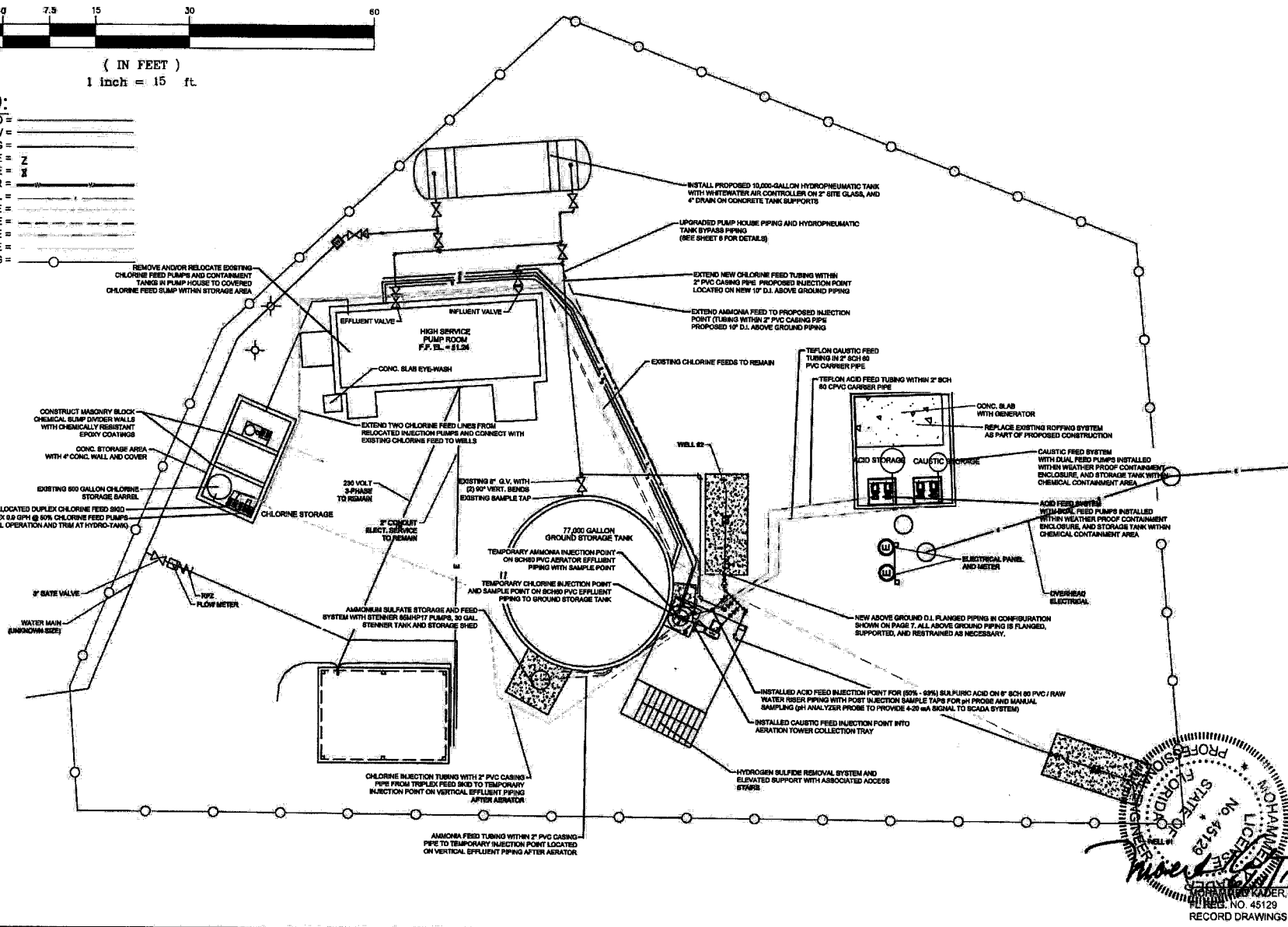


(IN FEET)

1 inch = 15 ft.

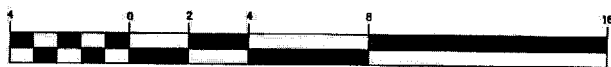
LEGEND:

- PROPOSED =
- NEW =
- EXISTING =
- CHECK VALVE =
- GATE VALVE =
- EXISTING WATER =
- BURIED ELECTRICAL =
- CHLORINE FEED LINE =
- AMMONIA SULFATE =
- ACID FEED LINE =
- CAUSTIC FEED LINE =
- SECURITY FENCING =



ENGINEERING	
Project No.	45129
Sheet No.	5
Scale	AS SHOWN
Drawn By	W. J. KADER, P.E.
Checked By	W. J. KADER, P.E.
Approved By	W. J. KADER, P.E.
<p>HCWM - LAKE JOSEPHINE WTP HYDROGEN SULFIDE REMOVAL SYSTEM PROPOSED SITE/CHEMICAL FEED PLAN HIGHLANDS COUNTY, FLORIDA</p>	
<p>4539 CROSS BAYOU BOULEVARD NEW PORT RICHEY, FL 34852 (727) 840-5352 FAX (727) 840-7701 FL COA NO. 3754 & FL REG. NO. 45129</p>	
<p>U.S. Water Services Corporation</p>	
DATE	12

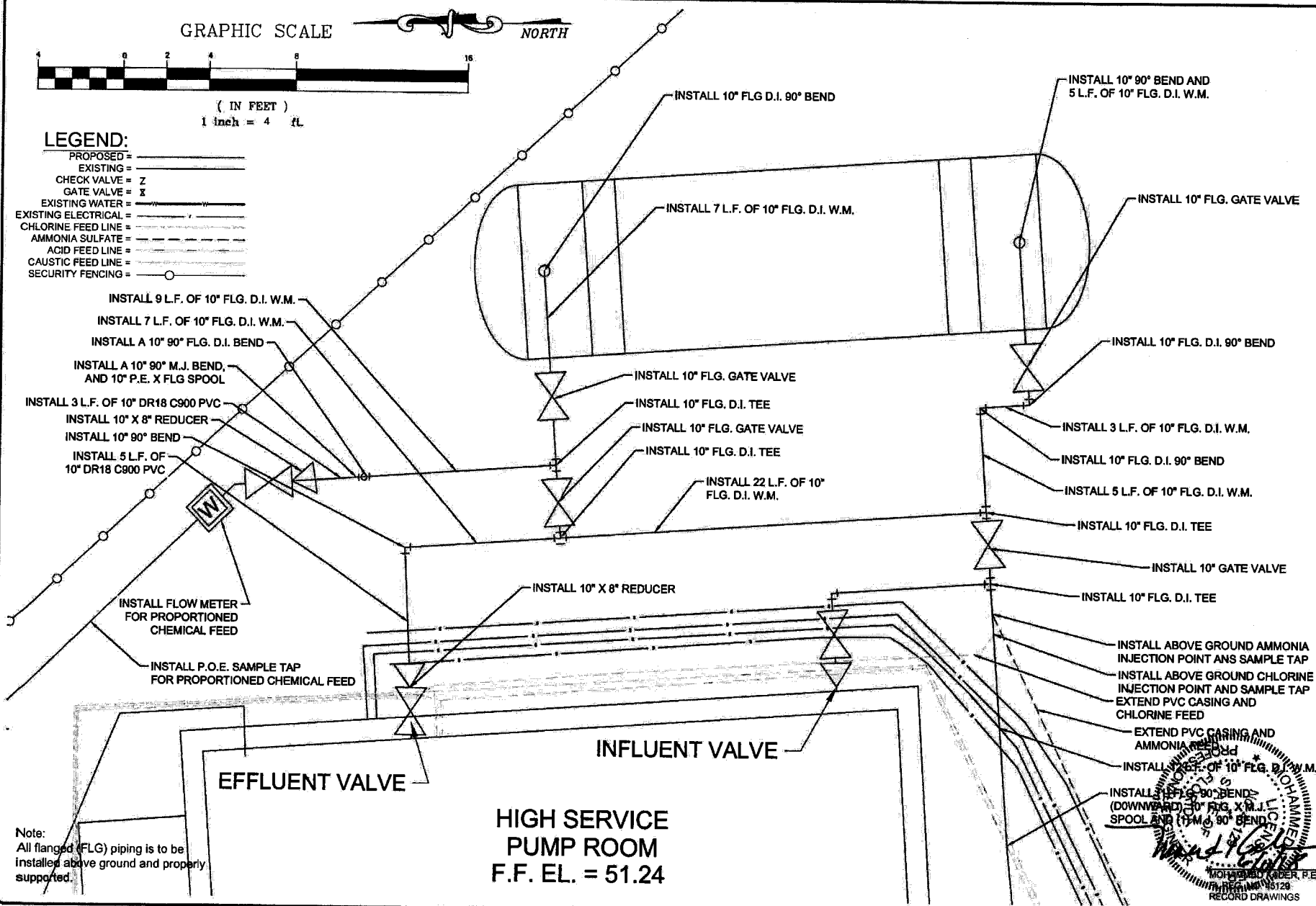
GRAPHIC SCALE



(IN FEET)
1 inch = 4 ft.

LEGEND:

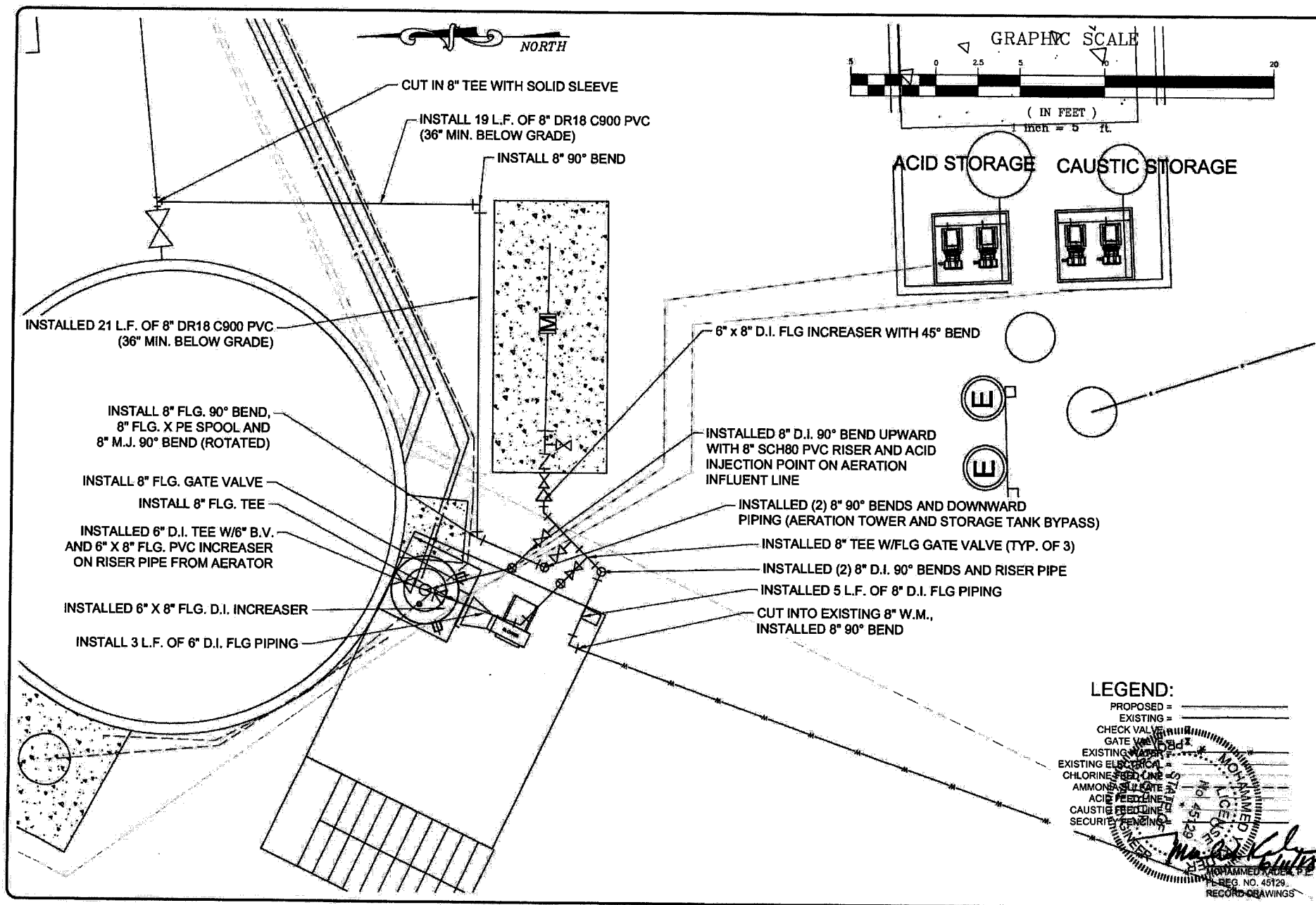
- PROPOSED = ———
- EXISTING = ———
- CHECK VALVE = Z
- GATE VALVE = X
- EXISTING WATER = ———
- EXISTING ELECTRICAL = ———
- CHLORINE FEED LINE = ———
- AMMONIA SULFATE = ———
- ACID FEED LINE = ———
- CAUSTIC FEED LINE = ———
- SECURITY FENCING = ———



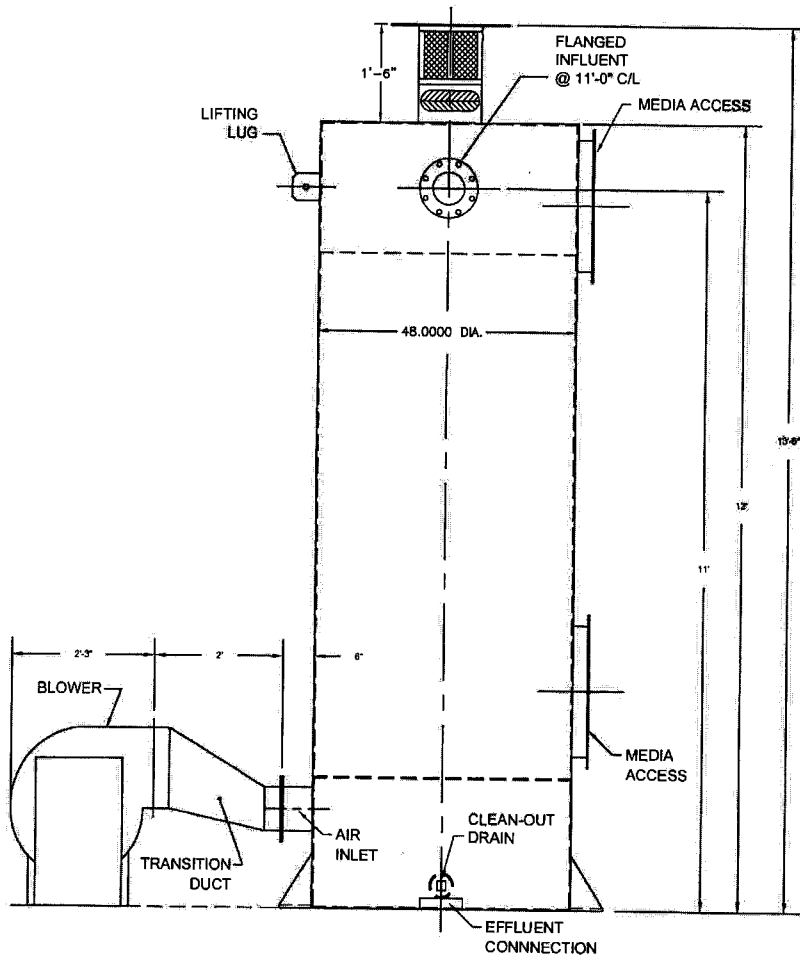
Note:
All flanged (FLG) piping is to be
installed above ground and properly
supported.

**HIGH SERVICE
PUMP ROOM
F.F. EL. = 51.24**

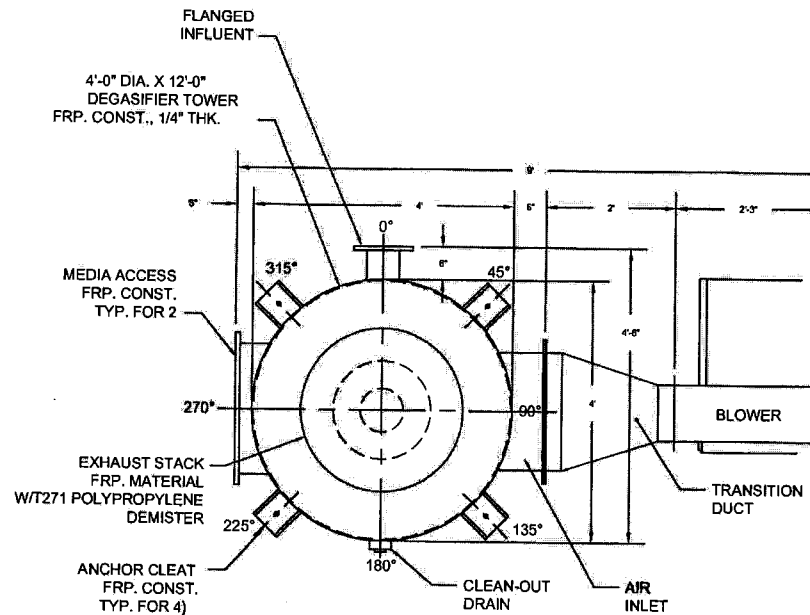
ENGINEERING		DATE	BY	CHECKED	APPROVED
<p>HCWW - LAKE JOSEPHINE WTP HYDROGEN SULFIDE REMOVAL SYSTEM SITE PIPING DETAILS 1 HIGHLANDS COUNTY, FLORIDA</p>					
<p>4899 CROSS BAYOU BOULEVARD SUITE 200 FORT MYERS, FL 33907 (737) 848-3332 FAX (737) 848-7701 FL COA NO. 9754 & FL REG. NO. 45199</p>					
<p>U.S. Water Services Corporation</p>					
6	12				



ENGINEERING DATE: 11/11/2011 DRAWN BY: [Signature] CHECKED BY: [Signature] PROJECT NO.: 11-0011	
HCWW - LAKE JOSEPHINE WTP HYDROGEN SULFIDE REMOVAL SYSTEM SITE PIPING DETAILS 2 HIGHLANDS COUNTY, FLORIDA	
4328 CROSS BAYOU BOULEVARD NEW PORT RICHEY, FL 34643 (727) 848-8282 FAX: (727) 848-7701 FL COA NO. 9754 & FL REG. NO. 46128	
U.S. Water Service Corporation	7 12



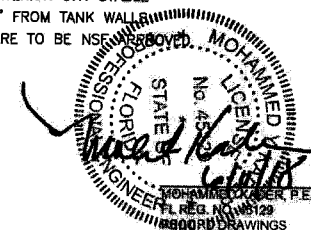
FRONT ELEVATION VIEW
N.T.S.



PLAN VIEW
N.T.S.

NOTES:

1. MATERIAL: 1/4 THK FIBERGLASS REINFORCEMENT IS TYPE 'E'
2. FINISH: WHITE MOLDED GEL COAT, EXTERIOR U.V. STABLE
3. FLANGED NOZZLES ARE TYPICALLY 6" FROM TANK WALLS
3. ALL MATERIALS CONTACTING WATER ARE TO BE NSF APPROVED.



ENGINEERING Mohamed El-Khatib Professional Engineer State of Florida License No. 45312	
HCWM - LAKE JOSEPHINE WTP HYDROGEN SULFIDE SYSTEM AERATION SYSTEM DETAILS HIGHLANDS COUNTY, FLORIDA	
4800 CROSS BAYOU BOULEVARD SUITE 100 TAMPA, FL 33611 (727) 848-8382 FAX (727) 848-7701 FL COA NO. 9754 & FL REG. NO. 45128	
U.S. Water Services Corporation	12

INSTALL 2" CPVC BULKHEAD FITTING FOR INLET CPVC/VITON (FILL AND LEVEL GAUGE), EXTEND 2" CPVC OUTSIDE SHED WITH 2" NPT (M) ADAPTOR (M) QUICK COUPLING, POLY PROP. SCH 80 CPVC SOCKET 90° BENDS WITH 2" HAYWARD CPVC BALL VALVE FPM SEALS, SOCKET/THREAD SECURLY FASTENED TO A 4" X 4" CONCRETE POST WITH S.S. FASTENERS.

INSTALL BULKHEAD FITTING FOR VENT 3" CPVC/VITON SOC X THREAD.

INSTALL 3" SCH 80 CPVC VENT WITH S.S. SCREEN EXTEND 6" MIN. OUTSIDE SUMP AREA WITH VENTING AWAY FROM FILL

2" NPT (M) ADAPTOR (M) QUICK COUPLING, POLY PROP. W/ SCH 2" HAYWARD CPVC BALL VALVE (FPM SEALS) SOCKET/THREAD, AND SCH 80 CPVC 90° ELBOW SECURED TO 4" X 4" CONCRETE POST W/ STAINLESS STEEL FASTENERS

INSTALL DCT ULTRASONIC LEVEL SENSOR WITH DIGITAL DISPLAY SPECIFICALLY DESIGNED FOR USE WITH SULFURIC ACID (GAUGE TO MATCH TANK SIZE)

INSTALL MIN. 500 GALLON DOUBLE WALL CONTAINMENT DAY TANK (50%-93%) SULFURIC ACID; SNYDER DCT OR ENGINEER APPROVED EQUAL.

INSTALL DOUBLE FLANGE BOLTED FITTING (OUTLET) CPVC/HASTELOY SOC. X SOC., REDUCE TO 1/2" NPT (F) SCH 80 PVC, AND ASAHI 21 BALL VALVE X 1/2" TRUE UNION SOC X THREAD PVC WITH VITON SEALS AND 1/2" X 1/2" NPT (M) KYNAR CONNECTOR.

INSTALL 1/2" O.D. PTFE/TEFLON TUBING TO PROPOSED CHEMICAL FEED PUMPS AND EXTEND TO INJECTION POINT

INSTALL TWO SULFURIC ACID FEED PUMPS IN PROTECTIVE METERING PUMP CONTAINMENT ENCLOSURE (192 GPD).

EXTEND ELECTRICAL SERVICE FROM PUMP BUILDING, AND CHEMICAL FEED PUMP CONTROL FROM WELL CONTROLS (PUMP CONTROL SLAVED TO WELL OPERATION).

CONTRACTOR TO INSTALL 2" SCH 80 CPVC CASING PIPE

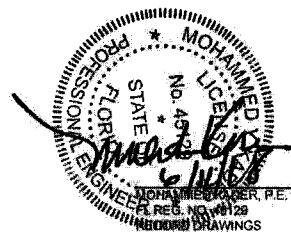
EXISTNG 6" THICK WIRE MESH REINFORCED CONCRETE SUPPORT SLAB AND MASONRY BLOCK SUMP WALLS TO RECIEVE CHEMICALLY RESISTANT EPOXY COATING

EXISTING GRADE

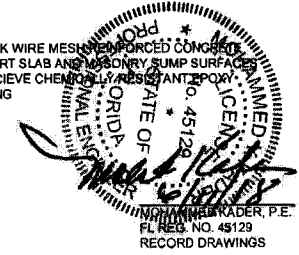
CONTRACTOR TO INSTALL 2" SCH 80 CPVC 45° BENDS IN LIEU OF 90° BENDS

CONTRACTOR TO INSTALL THE 2" SCH 80 CPVC CASING PIPE AND 1/2" O.D. PFE (TEFLON) FEED TUBING 36" MINIMUM BELOW GRADE TO INJECTION POINT

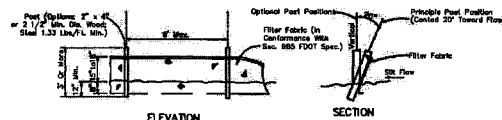
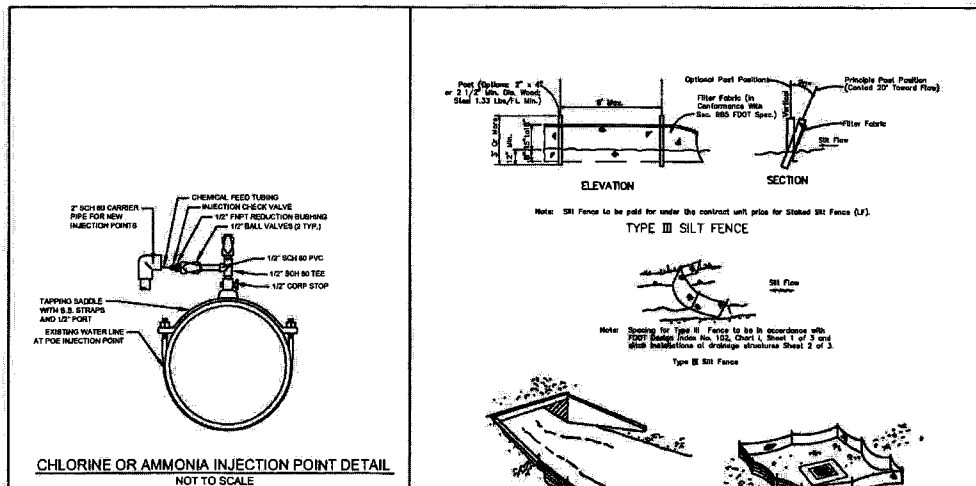
(50%-90%) ACID FEED SYSTEM DETAIL
NOT TO SCALE



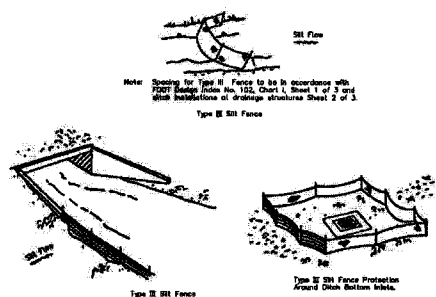
ENGINEER		DATE		SCALE	
MOHAMMED AMER, P.E.	10/1/2019	AS SHOWN			
HCNW - LAKE JOSEPHINE WTP HYDROGEN SULFIDE REMOVAL SYSTEM CHEMICAL FEED SYSTEM DETAILS 1 HIGHLANDS COUNTY, FLORIDA					
4892 CROSS BAYOU BOULEVARD SUITE 100, FORT MYERS, FL 33907 (772) 448-8200 FAX (772) 448-8401 FL COA NO. 9754 & FL REG. NO. 45129					
U.S. Water Services Corporation		9 12			



02	10	12
U.S. Water Services Corporation		
4020 CROSS BAYOU BOULEVARD NEWPORT RICHEY, FL 34893 (727) 468-0232 FAX (727) 468-7701 FL COA NO. 9754 & FL REG. NO. 45729		
HCCW - LAKE JOSEPHINE WIP HYDROGEN SULFIDE REMOVAL SYSTEM CHEMICAL FEED SYSTEM DETAILS 2 HIGHLANDS COUNTY, FLORIDA		
PUMP TYPE	Make	S/N
Design	M	
Drawn by	JR	
Checked by	JR	

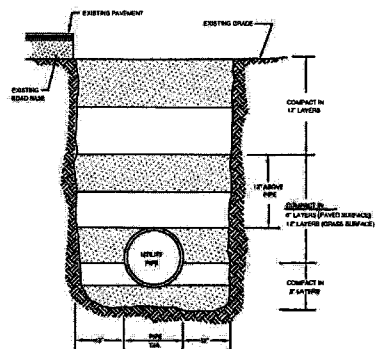


Note: Silty Fence to be paid for under the contract unit price for Staked Silty Fence (LF).



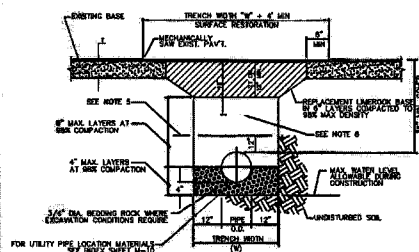
Do not deploy in a manner that will cause any damage to existing structures or utilities. Silty fences are to be used to protect existing structures and utilities from water of permanent bodies of water.

SILTY FENCE APPLICATIONS



- NOTES:**
1. TRENCHES LOCATED UNDER PAVEMENT SHALL BE CONFINED TO 18 INCHES OF SUBGRADE OR DEPTH PER A.A.A.T.O. T-100.
 2. TRENCHES NOT LOCATED UNDER PAVEMENT SHALL BE CONFINED TO A MINIMUM OF 18 INCHES OF THE FILL ADJACENT TO THE TRENCH.
 3. BACKFILL SHALL BE COMPACTED BY BACKFILLING IN 6 INCH LAYERS (PAVED SURFACES) OR 12 INCH LAYERS (UNPAVED SURFACES).

TRENCH BACKFILL DETAIL



- NOTES:**
1. WHERE SOIL CONDITIONS CAN NOT BE MAINTAINED AS SHOWN ABOVE, PROVIDE APPROVED METHOD OF CONSTRUCTION.
 2. PATCHING SHALL BE REQUIRED AS DETERMINED IN THE FIELD.
 3. NEW SURFACING MATERIAL SHALL BE COMPACTED WITH EXISTING AND SHALL HAVE LAPPED & FEATHERED JOINTS (1/2" MIN. THICK).
 4. COMPACTOR PERCENTAGES SHOWN REFER TO A.A.A.T.O. T-100. PROVIDE COMPACTOR TEST REPORTS TO CITY INSPECTOR.
 5. MECHANICAL COMPACTOR NOT ALLOWED BELOW THIS LEVEL.
 6. INITIAL METALLIC TAPES OVER FULL LENGTH OF PIPE.
 7. EIGHT INCHES (8") OF HIGH EARLY-STRENGTH CONCRETE MAY BE SUBSTITUTED FOR LIMEPOCK UPON APPROVAL BY CITY ENGINEER.

GENERAL CONSTRUCTION NOTES:

1. All elevations shown herein are based on an assumed elevation.
2. All design and construction shall conform to the minimum standards set forth by FDEP, FDOT and Highlands County.
3. Locations, elevations and dimensions of existing utilities, structures and other features are shown according to the best information available at time of preparation of these plans. The contractor shall verify the locations, elevations, and dimensions of all existing utilities, structures and other features affecting this work prior to construction.
4. The contractor shall check plans for conflicts and discrepancies prior to performing any work in the affected areas.
5. The contractor is responsible for repairing any damage to existing facilities, above or below ground, that may occur as a result of the work performed by the contractor called for in this contract.
6. All underground utilities must be in place and tested or inspected prior to road base and substructure construction.
7. It is the contractor's responsibility to become familiar with the permit and inspection requirements specified by the various governmental agencies and the engineer. The contractor shall obtain all necessary permits prior to construction and schedule inspection according to agency instructions.
8. All work performed shall comply with the regulations and ordinances of the various governmental agencies having jurisdiction over the work.
9. Contractor shall submit shop drawings on all precast and manufactured items to the engineer for approval. Failure to obtain approval before installation may result in removal and replacement at contractor's expense.
10. All water lines and sanitary lines are to be PVC unless otherwise noted.
11. All sidewalks to be a minimum of 3,000 psi concrete and 4" thick and shall be reinforced with 1.4 x 1.4 W.W.M.
12. Signs and barricades to be according to FDOT manual of safe practices; reference FDOT indices 800 thru 850 and 17340 per roadway and traffic design standards latest edition.
13. It is the responsibility of the contractor to establish in the field right-of-way lines, benchmarks (ELEV.), coordinates, center lines and stationing as required to construct this project.
14. All pipes to be constructed with 3" minimum cover unless otherwise noted on the plans.
15. All rocks or stones larger than 8" in diameter shall be removed from the backfill material. Backfill material placed within 1-foot of piping and appurtenances shall not contain any stones larger than 2" in diameter.
16. All workmanship and materials used in the construction of this project shall conform to FDOT's Standard specifications for roadwork and bridge construction, latest edition, and the latest Pasco county standards, unless otherwise indicated.
17. The contractor shall notify the appropriate public agency(ies) prior to commencing work within their jurisdiction.
18. All pipe lengths are approximate. Pipe measurements are to center of structures or fittings. Pipe measurements for straight endwall and sections are to end of pipe.
19. All concrete work shall have a minimum ultimate compressive strength of 3,000 psi (28 day strength), unless otherwise indicated.

WATER SYSTEM NOTES

1. All water system chemicals and materials shall be NSF approved for use with potable water.
2. All potable water system work shall conform with AWWA standards and specifications.
3. All fittings 2" and smaller shall be schedule 80 PVC with solvent welded sleeve type joints.
4. All proposed work shall be in accordance with FDEP, and local regulating agencies.
5. A vertical clearance of 18 inches shall be maintained between sanitary sewers and water mains. If clearances cannot be achieved by adjusting water mains the sanitary sewer shall be constructed of pressure class 350 ductile iron pipe for no less than 10 feet on each side of the conflict point. As an alternative the sanitary sewer may be placed in a sleeve or encased in concrete for the required 10 feet on each side of the conflict point.
6. A lateral separation of 10 feet shall be maintained between water mains and sanitary sewer.
7. All water mains shall have a minimum of 36 inches of cover.
8. All water system work shall conform with Collier County standards and specifications.
9. Conflicts between water and storm or sanitary sewer to be resolved by adjusting the water lines as necessary.
10. All onsite PVC potable water mains 4" and above shall be in accordance with AWWA C-900. Pipe shall be class 150 DR 18.
11. All PVC water mains 1 1/2" through 3" shall be class 200 and meet the requirements of SDP 21 in accordance with ASTM D-2241.
12. Water mains, chemical feed lines and carrier piping smaller than 1 1/2" shall be schedule 80 PVC.
13. All ductile iron pipe shall be pressure class 350 in accordance with ANSI A21.50 (AWWA C150), and ANSI A21.31 (AWWA C151), and pipe shall receive exterior bituminous coating in accordance with ANSI A21.4 (AWWA C104-71). Interior of the ductile iron pipe shall be cement lined and bituminous coated.
14. All fittings larger than 2" shall be ductile iron pressure class 350 in accordance with AWWA C-110 with a pressure rating of 350 PSI. Joints shall be mechanical joints in accordance with AWWA C-111. Fittings shall be cement mortar lined and coated in accordance with fittings AWWA C-104. All fittings shall be restrained using MEGALUG or approved equal.
15. All fittings 2" and smaller shall be schedule 80 PVC with solvent welded sleeve type joints.
16. Contractor to install temporary blow offs at the end of the water service laterals to buildings to ensure adequate flushing and disinfecting.
17. Restraint joints shall be provided at all fittings and hydrants as shown on the details.
18. Points of connection of the external water lines are to coincide with the building plumbing as shown on the building plumbing plans. Connection locations shown on these plans are approximations. It is the contractors responsibility to coordinate the exact connection point.
19. All PVC water mains shall have a suitable magnetic locator buried approximately one foot below grade over the force main. The tape shall be continuous between valves, and secured to each valve. The tape shall be at least 5 1/4 mils thick, 2 inches minimum width and made of aluminum material sandwiched between 2 layers of polyethylene. It shall be imprinted in permanent black ink with 1 inch letters, "CAUTION, WATER LINE BURIED BELOW", on blue background.
20. All water valves to be located in grassy areas.
21. All ductile iron pipe and fittings to be poly wrapped.
22. Contractor shall verify location of water service at each building prior to construction of service line.
23. All water system components and materials that are to come into contact with the potable water shall meet or exceed all NSF requirements.
24. All new or altered water mains are to be pressure and leakage tested in accordance with AWWA Standard C600-C605 before being placed into service.
25. All new or altered treatment and distribution facilities are to be disinfected and bacteriologically tested in accordance with AWWA Standard C651-C654.
26. All new or altered above ground piping at drinking water treatment plants shall be color coded according to the following:

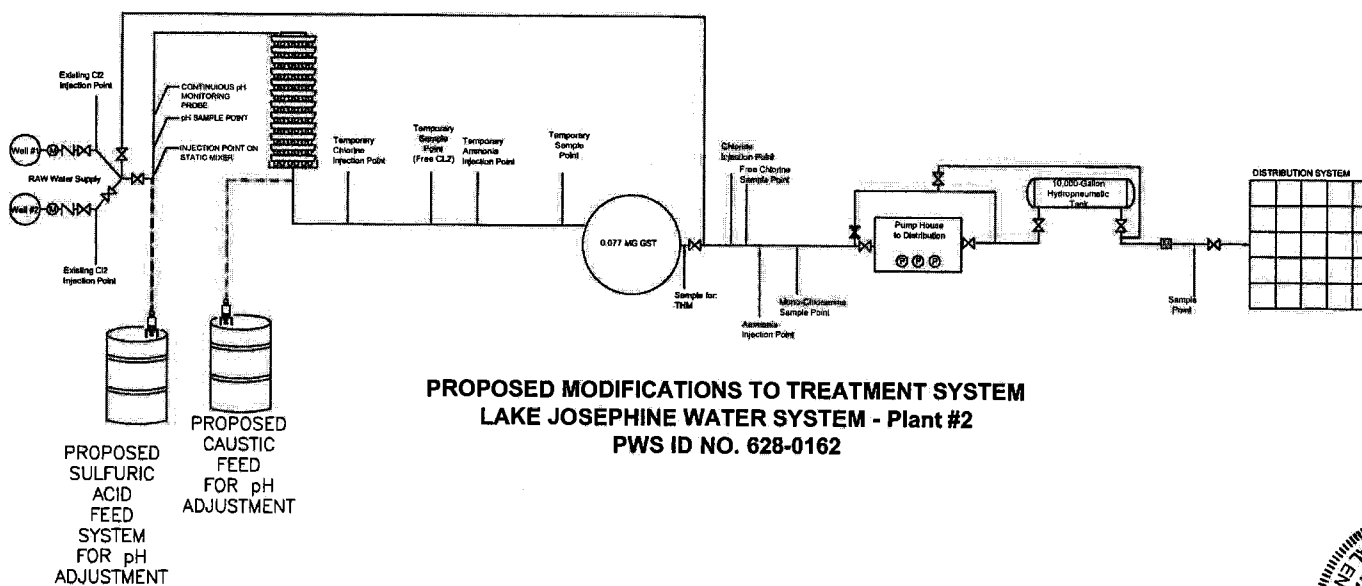
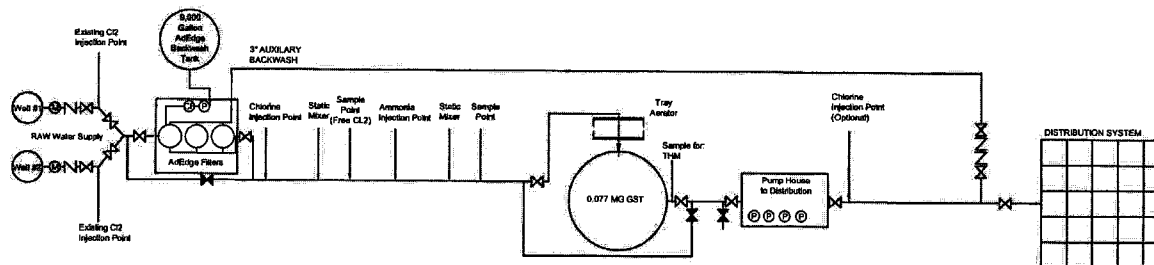
TESTING AND INSPECTION REQUIREMENTS

1. All components of the water system, including fittings, hydrants, connections, valves, and appurtenances, shall be pressure tested and accepted by the engineer. Pressure tests to be done in accordance with Collier County and AWWA standards. Contractor to notify the engineer 48 hours in advance of performing tests.
2. Contractor to perform chlorination and bacteriological sampling. Copies of all test results shall be submitted to the engineer. Locations of chlorination and sampling points to be submitted with test results also.
3. Minimum pressure for the hydrostatic and leakage tests shall be 150 psi for potable water lines and 100 psi for non-potable water lines for a minimum of 2 hours.

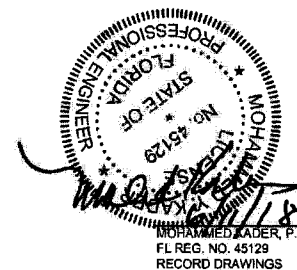


LEGEND:

PROPOSED = _____
 NEW = _____
 EXISTING = _____
 CHECK VALVE = Z
 GATE VALVE = X
 EXISTING WATER = _____
 ACID FEED LINE = _____
 CAUSTIC FEED LINE = _____



**PROPOSED MODIFICATIONS TO TREATMENT SYSTEM
LAKE JOSEPHINE WATER SYSTEM - Plant #2
PWS ID NO. 628-0162**



U.S. Water[®]

Services Corporation

Water and Wastewater Utility Operations, Maintenance, Engineering, Management, Construction

July 28, 2017

Mr. O. James Oni, P.E., Manager
Drinking Water Permitting Section
Florida Department of Environmental Protection
2295 Victoria Avenue, Suite 364
Fort Myers, FL 33902

**RE: HC Water Works, Inc.- Lake Josephine Water Treatment Plant
Hydrogen Sulfide Removal System Addition
PWS ID Number 628-0162**

Dear Mr. Oni:

Please find attached the permit application package to perform the above-referenced modifications to the water treatment plant at this facility. A check for \$2,000.00 is also attached to cover the permit application fee.

If you have any questions or comments regarding this project, please do not hesitate to contact me at (727) 243-5875

Sincerely


Mo Kader, P.E.

U.S. Water Services Corporation

MK/mk

Attachments

cc: Gary Deremer, HC Waterworks, Inc.



4939 Cross Bayou Blvd. ~ New Port Richey ~ Florida 34652

Ph: 727-848-8292 ~ Fax: 727-848-7701 ~ Toll Free: 866-753-8292



APPLICATION FOR A SPECIFIC PERMIT TO CONSTRUCT PWS COMPONENTS

See page 4 for instructions.

I. General Project Information

A. Name of Project: HC Waterworks, Inc. - Lake Josephine WTP - Hydrogen Sulfide Removal System

B. Description of Project and Its Purpose: Modification of WTP including the addition of: 1) packed tower aeration system for removal of hydrogen sulfide with associated acid and caustic feed systems utilized for pH adjustment, odor control, and all necessary piping and injection points as shown by the attached engineering plans. 2) one 10,000-gallon ground storage tank. 3) one 10,000-gallon hydropneumatic tank.

C. Does project create a "new system" as described under subsection 62-555.525(1), F.A.C.? ☐ Yes, and a completed copy of Form 62-555.900(20), New Water System Capacity Development Financial and Managerial Operations Plan, is attached. ☒ No.

D. Location of Project

1. County Where Project Located: Highlands

2. Description of Project Location: 1949 Canary Way, Sebring, Florida 33875

3. Latitude and Longitude of Each New Treatment Plant and Each New Raw Water Source (attach additional sheets if necessary):

Name of New Treatment Plant or Raw Water Source	Latitude			Longitude		
	27°	22'	59"N	81°	26'	35"W
	27°	22'	30"N	81°	24'	34"W
	°	'	"N	°	'	"W
	°	'	"N	°	'	"W
	°	'	"N	°	'	"W

E. Estimate of Cost to Construct Project: \$500,000.00

F. Estimate of Dates for Starting and Completing Construction of Project: 9/1/2017 - 3/30/2018

G. Applicant

PWS/Company Name: <u>HC Waterworks, Inc.</u>		PWS Identification No.: <u>* 6280162</u>	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
Contact Person: <u>Gary Deremer</u>		Contact Person's Title: <u>President</u>	
Contact Person's Mailing Address: <u>4939 Cross Bayou Blvd</u>			
City: <u>New Port Richey</u>		State: <u>Florida</u>	Zip Code: <u>34652</u>
Contact Person's Telephone Number: <u>7278488292</u>		Contact Person's Fax Number: <u>7278487701</u>	
Contact Person's E-Mail Address: <u>gderemer@uswatercorp.net</u>			

* This information is required only if the applicant is a public water system (PWS).

H. Public Water System (PWS) Supplying Water to Project

PWS Name: <u>HC Waterworks, Inc.</u>		PWS Identification No.: <u>6280162</u>	
PWS Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive			
PWS Owner: <u>Gary Deremer</u>			
Contact Person: <u>Gary Deremer</u>		Contact Person's Title: <u>President</u>	
Contact Person's Mailing Address: <u>4939 Cross Bayou Blvd</u>			
City: <u>New Port Richey</u>		State: <u>Florida</u>	Zip Code: <u>34652</u>
Contact Person's Telephone Number: <u>7278488292</u>		Contact Person's Fax Number: <u>7278487701</u>	
Contact Person's E-Mail Address: <u>gderemer@uswatercorp.net</u>			

APPLICATION FOR A SPECIFIC PERMIT TO CONSTRUCT PWS COMPONENTS

Project Name: HC Waterworks, Inc. - Lake Josephine WTP -	Applicant: HC Waterworks, Inc.
--	--------------------------------

I. Public Water System (PWS) that Will Own Project After It Is Placed into Permanent Operation

PWS Name: HC Waterworks, Inc.		PWS Identification No.: * 6284114
PWS Type: * <input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Transient Non-Community <input type="checkbox"/> Transient Non-Community <input type="checkbox"/> Consecutive		
PWS Owner: Gary Deremer		
Contact Person: Gary Deremer		Contact Person's Title: President
Contact Person's Mailing Address: 4939 Cross Bayou Blvd		
City: New Port Richey	State: Florida	Zip Code: 34652
Contact Person's Telephone Number: 7278488292		Contact Person's Fax Number: 7278487701
Contact Person's E-Mail Address: gderemer@uswatercorp.net		

* This information is required only if the owner/operator is an existing PWS.

J. Professional Engineer(s) or Other Person(s) in Responsible Charge of Designing Project*

Company Name: U.S. Water Services Corporation		
Designer(s): Mohammed Y. Kader, P.E.		Title(s) of Designer(s): Director of Engineering
Qualifications of Designer(s):		
<input checked="" type="checkbox"/> Professional Engineer(s) Licensed in Florida - License Number(s): 45129		
<input type="checkbox"/> Public Officer(s) Employed by State, County, Municipal, or Other Governmental Unit of State†		
<input type="checkbox"/> Plumbing Contractor(s) Licensed in Florida - License Number(s): ^		
Mailing Address of Designer(s): 4939 Cross Bayou Blvd.		
City: New Port Richey	State: Florida	Zip Code: 34652
Telephone Number of Designer(s): 727-848-8292		Fax Number of Designer(s): 727-848-7701
E-Mail Address(es) of Designer(s): mkader@uswatercorp.net		

* Except as noted in paragraphs 62-555.520(3)(a) and (b), F.A.C., projects shall be designed under the responsible charge of one or more professional engineers licensed in Florida.

† Attach a detailed construction cost estimate showing that the cost to construct this project is \$10,000 or less.

^ Attach documentation showing that this project will be installed by the plumbing contractor(s) designing this project, documentation showing that this project involves a public water system serving a single property and fewer than 250 fixture units, and a detailed construction cost estimate showing that the cost to construct this project is \$50,000 or less.

II. Certifications

A. Certification by Applicant

I am duly authorized to sign this application on behalf of the applicant identified in Part I.G of this application. I certify that, to the best of my knowledge and belief, this project complies with Chapter 62-555, F.A.C., and provides assurance of compliance with Chapter 62-550, F.A.C. I also certify that construction of this project has not begun yet.

 Signature and Date	7/22/17 Gary Deremer Printed or Typed Name	President Title
------------------------	--	--------------------

B. Certification by PWS Supplying Water to Project

I am duly authorized to sign this application on behalf of the PWS identified in Part I.H of this application. I certify that said PWS will supply the water necessary to meet the design water demands for this project. I certify that, to the best of my knowledge and belief, said PWS's connection to this project will not cause said PWS to be, or contribute to said PWS being, in noncompliance with Chapter 62-550 or 62-555, F.A.C. I also certify that said PWS has reviewed the preliminary design report or drawings, specifications, and design data for this project and that said PWS considers the connection(s) between this project and said PWS acceptable as designed.

• Name(s) of Water Treatment Plant(s) to Which this Project Will Be Connected: HC Waterworks, Inc. - Lake Josephine WTP

• Total Permitted Maximum Day Operating Capacity of Plant(s), gpd: 300,000

• Total Maximum Day Flow at Plant(s) as Recorded on Monthly Operating Reports During Past 12 Months, gpd: 275,000

 Signature and Date	7/22/17 Gary Deremer Printed or Typed Name	President Title
------------------------	--	--------------------

APPLICATION FOR A SPECIFIC PERMIT TO CONSTRUCT PWS COMPONENTS

Project Name: HC Waterworks, Inc. - Lake Josephine WTP -

Applicant: HC Waterworks, Inc.

C. Certification by PWS that Will Own Project After It Is Placed into Permanent Operation

I am duly authorized to sign this application on behalf of the PWS identified in Part I.I of this application. I certify that said PWS will own this project after it is placed into permanent operation. I also certify that said PWS has reviewed the preliminary design report or drawings, specifications, and design data for this project and that said PWS considers this project acceptable as designed.

 7/28/17
Signature and Date

Gary Deremer

Printed or Typed Name


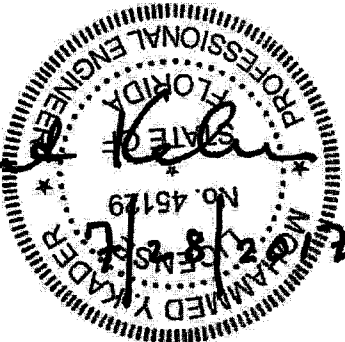
President

Title

D. Certification by Professional Engineer(s) in Responsible Charge of Designing Project*

I, the undersigned professional engineer licensed in Florida, am in responsible charge of preparing the preliminary design report or drawings, specifications, and design data for this project. I certify that, to the best of my knowledge and belief, the design of this project complies with Chapter 62-555, F.A.C., and provides assurance of compliance with Chapter 62-550, F.A.C.

Signature, Seal, and Date:

Printed/Typed Name: Mohammed Y. Kader, P.E.

License Number: 45129

Portion of Engineering Document(s) for Which Responsible:
Entire project

Signature, Seal, and Date:

Printed/Typed Name:

License Number:

Portion of Engineering Document(s) for Which Responsible:

Signature, Seal, and Date:

Printed/Typed Name:

License Number:

Portion of Engineering Document(s) for Which Responsible:

Signature, Seal, and Date:

Printed/Typed Name:

License Number:

Portion of Engineering Document(s) for Which Responsible:

* Except as noted in paragraphs 62-555.520(3)(a) and (b), F.A.C., projects shall be designed under the responsible charge of one or more professional engineers (PEs) licensed in Florida. If this project is being designed under the responsible charge of one or more PEs licensed in Florida, Part II.D of this application shall be completed by the PE(s) in responsible charge. If this project is not being designed under the responsible charge of one or more PEs licensed in Florida, Part II.D does not have to be completed.

APPLICATION FOR A SPECIFIC PERMIT TO CONSTRUCT PWS COMPONENTS

INSTRUCTIONS: This application shall be completed and submitted by persons proposing to construct or alter public water system components unless such proposed construction or alteration is permitted under the Department of Environmental Protection's (DEP's) "General Permit for Construction of Water Main Extensions for Public Water Systems," in which case Form 62-555.900(7) is to be completed and submitted, or under the DEP's "General Permit for Construction of Lead or Copper Corrosion Control, or Iron or Manganese Sequestration, Treatment Facilities for Small or Medium Public Water Systems," in which case Form 62-555.900(18) is to be completed and submitted. Complete and submit one copy of this application to the appropriate DEP District Office or Approved County Health Department (ACHD) along with payment of the proper application processing fee and one copy of the following information:

- either a preliminary design report or drawings, specifications, and design data (the preliminary design report or drawings, specifications, and design data shall contain all pertinent information required under subsection 62-555.520(4), F.A.C.); and
- the Florida Public Service Commission (FPSC) certificate of authorization to provide water service if the project involves construction of a new public water system subject to the jurisdiction of the FPSC.

All information provided on this application shall be typed or printed in ink. Application processing fees are listed in paragraph 62-4.050(4)(n), F.A.C. Checks for application processing fees shall be made payable to the Department of Environmental Protection or to the appropriate ACHD. Preliminary design reports, drawings, specifications, and design data prepared under the responsible charge of one or more professional engineers licensed in Florida shall be signed, sealed, and dated by the professional engineer(s) in responsible charge. **NOTE THAT A SEPARATE APPLICATION AND A SEPARATE APPLICATION PROCESSING FEE ARE REQUIRED FOR EACH NON-CONTIGUOUS PROJECT.***

** Non-contiguous projects are projects that are neither interconnected nor located nearby one another (i.e., on the same site, on adjacent streets, or in the same neighborhood).*

**HC WATERWORKS LAKE JOSEPHINE WATER TREATMENT PLANT
PWS ID NO. 628-0162**

DESIGN REPORT

Water Treatment Plant Modifications – Hydrogen Sulfide Removal System

TABLE OF CONTENTS

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1.0 INTRODUCTION

HC Waterworks, Inc., has retained U.S. Water Services Corporation (USWSC) to design the improvements to the existing water treatment plant at this facility. These improvements are intended to allow the facility to remove hydrogen sulfide from the incoming raw ground water supply wells.

The water supply wells that are currently used to provide water to the water treatment system contain high concentrations of hydrogen sulfide with odor and taste problems. Based on the results of the well water quality samples, the level sulfides in the well is about 4.0 mg/l. Josephine Lake Water System currently has two production wells with a production capacity of 350 gpm each.

The locations of the wells are depicted on the attached site plan. The raw water from the two wells is currently pumped into a AdEdge sulfides filters followed by a 77,000-gallon ground storage tank (located within the WTP security fencing) after receiving disinfection by the use of chloramines. From the ground storage tank, the water is pumped to the water distribution system by three high service pumps and one jockey pump. As part of the proposed plant modifications, the AdEdge sulfides filters will be replaced with a packed tower forced draft aeration system for the removal of sulfides.

Hydrogen sulfide exists in the water in the dissolved and ionized form, and the amount that is ionized depends on the water pH. At low pH, the majority of the hydrogen sulfide is present as dissolved gas and can be removed by degassing. However, at higher pH conditions, only a fraction of the total hydrogen sulfide is present as a dissolved gas and only this fractional amount can be removed by degassing.

Florida Administrative Code Rule 62-555.315 recommends the use of packed tower aeration for the removal of sulfides at incoming levels greater than 3.0 mg/l. Hence, due to the high levels

of sulfides in raw water, we recommend the use of packed tower aeration for the removal of hydrogen sulfide from the water after making the necessary pH adjustments. Packed tower aeration utilizes blowers to bubble air through the water from the bottom of the aeration tower. The captured hydrogen sulfide gas will then be released to the atmosphere with the air stream.

2.0 PROCESS BACKGROUND INFORMATION

2.1 Facility Description

The Lake Josephine Water treatment plant for this water system has a maximum daily design capacity of 300,000 gpd and serves a total of 536 connections with an average water production of about 149,274 gpd. The water system is supplied water by two production wells with a production capacity of about 350 gpm. The water treatment system currently utilizes chloramines for disinfection and sodium hypochlorite and ammonia are added in the filtered water pipe prior to the 77,000-gallon ground storage tank (GST).

3.0 EXISTING WATER PLANT COMPONENTS

3.1 Raw Water Supply Wells

Raw water is supplied to the water treatment plant by two production wells known as Well #1 and Well #2 which are rated for 350 gpm.

3.2 Distribution System Pressure

The disinfected water from the 77,000-gallon GST is pumped into the water distribution system by the four high service pumps. One of the high service pumps is a 5 h.p. jockey pump used to maintain system pressure during low flow conditions. The high service pump operation is based on the pressure in the distribution system through a pressure switch.

4.0 PROPOSED WATER PLANT COMPONENTS – ADDITIONS & MODIFICATIONS

Packed tower aeration with pH adjustment is considered for this plant upgrade for meeting the optimum and desired drinking water quality. This process utilizes a countercurrent packed tower stripper system consisting of a stripper shell, a packing support plate, packing, a water distributor/nozzle, a mist eliminator, and an air supply/exhaust fan.

The packed tower aeration process can also result in the reduction of chemical usage through the reduction of oxidant demand. If hydrogen sulfide is not removed early in the treatment process, it can consume a major portion of the oxidant that is used for disinfection. Therefore, to reduce the oxidant demand of the water and to reduce the presence of oxidized sulfur compounds in the finished water, it is desirable to remove the hydrogen sulfide from the water prior to the application of an oxidizing disinfectant.

In addition, the packed tower aeration technology is recommended by Florida Administrative Code Rule 62-555.315 for the removal of sulfides when the incoming sulfides levels in the raw water is greater than 3.0 mg/l.

As indicated in the attached engineering plans, the use of packed tower aeration requires pH adjustments to the incoming raw water to optimize the removal of the sulfides. In this case, we recommend reducing the pH of the incoming raw water from 7.6 su to slightly below 6.0 su so that more than 90% sulfides removal can be achieved.

Sulfuric Acid Feed Analysis:

By using 50% sulfuric acid, a dose of about 342 mg/l will be needed to lower the pH levels below 6.0 su. At this dosage rate, the projected volume of 50% sulfuric acid needed to lower the pH below 6.0 su is calculated as follows:

Input Data: Projected Average Water Demand = 149,274 gpd
 Incoming Raw Water pH = 8.1 su
 Desired pH After Addition of Acid = 5.9 su
 Design Flow = 350 gpm (504,000 gpd)
 50% Sulfuric Acid Dosage Rate Needed = 342 mg/l

Calculate the volume of 50% sulfuric acid needed to lower the pH of the incoming raw water from 8.1 su to 5.9 su. Calculations are as follows:

Volume of 50% sulfuric acid dosage rate needed =
= $[(0.504 \text{ mgd}) (8.34) (342 \text{ mg/l})] / (11.62 \text{ lbs/gal}) = 124 \text{ gpd} = 5.15 \text{ gph}$

Amount needed based on average water production of 149,274 gpd =
= $124 \text{ gpd} / [504,000 / 149,274] = 36.7 \text{ gpd}$

For treatment of an average water demand of 149,274 gpd, the volume of 50% sulfuric acid needed is equal to about 36.7 gpd (equivalent to 13,396 gallons per year)

Using this volume, the estimated cost of 50% sulfuric acid needed per year is =

= $(13,396 \text{ gal/year}) (\$2.05/\text{gal}) = \$27,461.80$

Caustic Soda Feed Analysis:

After removal of the sulfides through the packed tower aeration system, the pH of the treated water will need to be raised back to a desirable level within the allowable range of the drinking water standards between 6.5 - 8.5 su. Hence, by using 50% caustic soda, a dose of about 553 mg/l will be needed to raise the pH level from about 6.0 su to about 7.5 su. At this dosage rate, the projected volume of 50% caustic soda needed to raise the pH to about 7.5 su is calculated as follows:

Input Data: Projected Water Demand = 149,274 gpd
 Outlet Water pH from Aeration Tower = 5.9 su
 Desired pH After Addition of Caustic Soda = 7.5 su
 Design Flow = 350 gpm (504,000 gpd)
 50% Caustic Soda Dosage Rate Needed = 17.9 mg/l

Calculate the volume of 50% caustic soda needed to raise the pH of the outlet water from 5.9 su to 7.5 su. Calculations are as follows:

Volume of 50% caustic soda dosage rate needed =
= $[(0.504 \text{ mgd}) (8.34) (17.9 \text{ mg/l})] / (12.74 \text{ lbs/gal}) = 5.90 \text{ gpd} = 0.25 \text{ gph}$

For treatment of an average water demand of 149,274 gpd, the volume of 50% caustic soda needed is equal to 1.75 gpd (equivalent to 640 gallons per year)

Using this volume, the estimated cost of 50% caustic soda needed per year is =

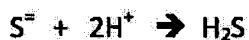
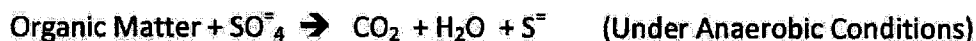
= $(640 \text{ gallons/year}) (\$3.48/\text{gallon}) = \$2,228$

The packed tower aeration process has other advantages including:

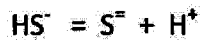
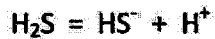
- 1) Stable performance;
- 2) Lower chemical expense for disinfection;
- 3) Reliable treatment. This is a proven technology that is commonly used for the removal of dissolved gases such hydrogen sulfide. Removal efficiencies in excess of 90% can easily be achieved with the proper pH adjustment;
- 4) Simple process. As shown by the attached engineering plans, this system design is simple and utilizes a countercurrent packed tower stripper system consisting of a stripper shell, a packing support plate, packing, a water distributor/nozzle, a mist eliminator, and an air supply/exhaust fan;
- 5) Reasonable operation and maintenance requirements; and

4.1 Hydrogen Sulfide Removal and Control

Hydrogen Sulfide (H₂S) is a gas generated, under anoxic conditions, from the decomposition of naturally-occurring organic substances by facultative heterotrophic organisms using sulfates as a source of energy and reducing the sulfate to sulfides in the process (Mallevialle and Suffet, 1987). Depending on the pH of the medium, the sulfides can exist as dissolved (ionic) or gaseous sulfide. The bacterium most often responsible for hydrogen sulfide production is *Desulfovibrio desulfuricans*.



Molecular H₂S, formed from sulfate reduction, dissolves in water and dissociates in accordance with reversible ionization reactions, as follows:



The distribution of the above species is a function of pH. The relative H_2S concentration increases with decreasing pH. At a pH of 7.0 su, H_2S represents 50% of the dissolved sulfides present, while at a pH of 6.0 su, H_2S represents 90% of the dissolved sulfides. If part of the dissolved H_2S escapes to the atmosphere, the remaining dissolved sulfides will be divided between H_2S and HS^- in the same proportion as before because the equilibrium re-establishes itself almost instantly (EPA Design Manual EPA/625/1-85/018, "Odor and Corrosion Control in SS & Treatment Plants", 1985).

In many water systems in Florida that use ground water as the source of drinking water, the occurrence of a highly unpleasant odor of hydrogen sulfide has been well documented. This rotten-egg odor can be detected at less than 0.1 ug/l. The Floridan Aquifer is a major source of water for several communities in North and Central Florida. The hydrogen sulfide levels in the water from this aquifer depends on the location of the aquifer and have been reported to be as high as 9.0 mg/l in some areas. If the hydrogen sulfide is not removed early in the water treatment process, it can consume a major portion of the oxidant (chlorine) that is used for disinfection. Depending on the amount of oxidant used, hydrogen sulfide in water can be converted to elemental sulfur (S^0), sulfates (SO_4^{2-}), and other oxidized sulfur compounds. Under Rule 62-555, Florida Administrative Code, direct chlorination for the reduction of hydrogen sulfide is only allowed when the total sulfides in the raw water are less than 0.3 mg/l. An aeration mechanism (in the form of forced draft aeration or packed tower aeration) is required when the levels of total sulfides equal or exceed 0.3 mg/l.

In addition to their demand for oxidants like chlorine, sulfides can have catalytic effects on corrosion of copper pipes (with resulting 'black' or 'blue/green' water, depending

upon the pH and alkalinity of the water). It has been found that, in low-alkalinity waters, the presence of sulfides increased copper corrosion rates one to two orders of magnitudes, compared to the same water without sulfides (Jacobs, et.al., J AWWA, Vol 90, pp 62-73, 1998). At least partly because of their black color, copper sulfide corrosion by-products are visible to the naked eye at concentrations as low as 1 mg/l. Most of the sulfides is present in the colloidal form that defy removal by filtration.

In order to reduce the concentration of sulfides in the finished water, application of an oxidizing disinfectant has been recommended (Vaith, K. and et.l., Fla. Water Resources J, July 1993). It has been demonstrated, however, that application of chlorine can increase the corrosion rate of copper (Reiber, S., J AWWA, 81:7:114, July 1989).

Based on the above findings, it is clear that the use of chlorine for disinfection as well as for the removal of H₂S may not mitigate a sulfide-induced corrosion problem. Additionally, the use of chloramines to maintain the chlorine residual in a distribution system may compound the problem by encouraging nitrification (in the presence of oxygen) which, in turn, may encourage autotrophic biological denitrification by sulfur-oxidizing autotrophs, such as *Thiobacillus denitrificans*, that are able to use elemental sulfur with the generation of sulfates (Sengupta, S., et.l., NOAA/UNH Report, August 9, 2006).



Under anoxic conditions in the water distribution system, the sulfates are reduced to sulfides which are free to react with the copper pipe and produce black water.

In our professional opinion, we believe that use of chloramines disinfection in the presence of sulfides and/or sulfur would exacerbate the water quality problems related to copper corrosion and the formation of black water. Hence, the most feasible solution to resolve the problem with hydrogen sulfide is to treat the raw water supply to completely remove the sulfides prior

to the addition of any disinfectant. This will prevent any adverse (chemical/biological) interaction between the products of sulfide oxidation (sulfates and elemental sulfur, the relative proportion of each depends upon the pH and the chlorine/sulfide ratio) and other parameters of water quality (pH, alkalinity, nitrogen from chloramines, and natural organic matter). By removal of the sulfides early in the treatment process, the water quality will be improved such that any potential reversion of sulfates to hydrogen sulfides can be avoided.

Accordingly, we have designed a hydrogen sulfides removal system to remove more than 90% of the sulfides in the incoming raw water based on a design flow of 350 gpm. The design specifications of the hydrogen sulfide removal system are attached.

4.2 Chemical Feed Pumps

Chemical feed pumps will be on pre-piped packaged skids with day tanks and control panels. The selected chemical feed pumps is the LMI line of pumps. Chemicals to be handled are 50% sulfuric acid and 50% caustic soda for pH adjustment prior and after the forced draft aeration tower. The specifications of the pumps and the locations are provided in the attached engineering plans and specifications.

5.0 OPERATION OF EXISTING PLANT DURING CONSTRUCTION

All water flows will continue to be treated at the existing water treatment plant until the new portions of the plant are constructed and ready for service. Once the new modifications to the system are completed, they will be placed into service following all the necessary startup testing and clearance from the FDEP.

**GENERAL SPECIFICATIONS FOR FIBERGLASS PACKED TOWER ROUND
DEGASIFICATION EQUIPMENT**

APPLICATION: **HYDROGEN SULFIDE REMOVAL**

1.0 SCOPE

This section covers the general specifications of one forced draft fiberglass round degasification tower, and blower for the removal of hydrogen sulfide from the water treatment plant process.

The degasification equipment shall be as manufactured by DeLoach Industries, Inc. (DI) of Sarasota, Florida, Water Equipment Services, Inc. (WES) of Sarasota, Florida, or an engineer pre-approved equal.

2.0 GENERAL

Equipment furnished and installed under this section shall be fabricated, assembled, erected, and placed in proper operating condition in full conformity with drawings, specifications, engineering data, instructions, and recommendations of the equipment manufacturer unless exceptions are noted by the Engineer.

2.1 Manufacturer's Qualifications

The forced draft round degasification equipment shall be supplied by a single source manufacturer with a minimum of 15 years experience in the design and fabrication of fiberglass-reinforced plastic (FRP) round degasification equipment. The manufacturer must produce, at a minimum, the exterior shell vessel, media support plate, distribution system, and air duct assembly in-house at the manufacturing facility to insure quality and compatibility of all major components. Companies not manufacturing these key components at a minimum will not be qualified.

Each item shall be furnished and installed complete with all mechanical and electrical equipment required for proper operation, all components indicated on the drawings or specified, and all additional materials or construction required by the design of the system.

2.2 General Equipment Stipulations

The General Equipment Stipulations shall apply to all equipment furnished under this section.

2.3 Power Supply

Power supply to the equipment will be 230 volts, 60 Hz, single phase.

2.4 Anchor Bolts

All anchor bolts, nuts, and washers shall be AISI Type 316 stainless steel and shall comply with

the anchor bolts and expansion anchors section.

2.5 Baseplates

The blower shall be mounted on a concrete base as indicated on the drawings. Baseplates shall be provided with adequate openings for grouting.

2.6 Spare Parts

The following spare parts shall be furnished:

One complete set of gaskets and seals for the blower;
One complete set of bearings for the blower; and
One complete set of gaskets for the door and hatches.

Spare parts shall be suitably packaged in accordance with the General Equipment Requirements, with labels indicating the contents of each package. Spare parts shall be delivered to the Owner as directed.

3.0 MATERIALS

Resins	Bisphenol-A polyester or vinyl ester resin suitable for use with the specified product water.
Reinforcement	Glass fiber with a suitable coupling agent.
Surfacing Mat	Burlington Formed Fabrics "Nexus Veil", Nicofibers "Sumat 100", or equal.
Plastic Laminate	In conformity with the applicable governing standards.
Exposed Metal	AISI Type 316 stainless steel.
Protected Metal	Carbon steel, ASTM A36, with FRP coating.

4.0 DEGASIFICATION TOWER DESIGN

One round, forced draft degasification tower shall be furnished to provide for the removal of free hydrogen sulfide from the process of the water treatment plant. The degasification tower shall include, but not be limited to, a round degasification tower housing, forced draft blower(s) complete with motors and controls, spray nozzles, packing support plate, packing material, local and panel mount instrumentation, and all interconnecting piping and valves.

The water and forced air will flow in opposite directions, with the forced air being introduced below the packing and the water introduced above.

4.1 Design Criteria

The degasification tower shall be sized for a flow of 85 gallons per minute (gpm); an influent hydrogen sulfide concentration of 8 milligrams per liter (mg/L); a minimum influent pH of 5; a minimum influent Langlier saturation index (LSI) of ; and an influent total dissolved solids (TDS) of about 474 mg/L.

Packing shall be 2-inch or 3-1/2-inch nominal size. Packing material shall be polyethylene, polypropylene, or polyvinyl chloride. The minimum packing height shall be 7 feet. Ceramic or metallic packing will not be acceptable. The packing shall be supplied by DI or WES and shall be MasPac, LanPac, Q-Pac, or an engineer pre-approved equal.

NOTE: CAUTION - If the water process contains greater than 1 to 2 parts per million (ppm) H₂S concentration, it is recommended that a square vessel be used with PVC slat trays to prevent fouling.

The degasification tower shall be designed to handle a flow rate of 85 gpm.

5.0 DEGASIFICATION TOWER CONSTRUCTION

The degasification tower column shall be constructed of exterior molded FRP. The tower shall also be designed to be free-standing and designed according to 1994 UBC wind requirements with a 120 mph wind load. The vessel wall shall be hand lay-up FRP material for control thickness. The vessel shall have an exterior molded gelcoat finish with UV inhibitors. The minimum wall thickness shall be 1/4-inch. The exterior of the vessel will have FRP reinforcing rings every 3 feet on the center and will be molded into the vessel wall for structural support. The internal brackets shall be FRP material and will be designed to structurally support all designed load rates. To prevent load failure, PVC or other types of plastic will not be allowed for support structures. The degasifier shall be manufactured by a single source supplier specializing in FRP fabrication.

If the packing height exceeds 12 feet, the column shall have wall wiping rings installed at even intervals to prevent water from running down the inside wall of the tower.

The internal portion of the vessel will be lined with a NSF certified sealer on all portions in contact with the water. The liner shall be Tenemec approved epoxy and shall be manufactured by Devoe, Carboline, or approved equal. The liner shall be applied as per the manufacturer's specifications. To prevent structural failure, the use of PVC liners shall not be allowed.

All bolts, fasteners, hangers, lifting lugs, etc., shall be Type 316 stainless steel.

5.1 Piping Connections

All piping connections to the degasification tower shall be flanged and shall conform to ANSI B16.5, Class 150 diameter and drilling.

5.2 Bottom Section

The bottom section of the degasification tower shall include an air inlet connection(s), an access port, water outlet, drain fitting, sight glass connections, and all other connections or components required for proper operation or by the manufacturer's design. The unit shall be designed for gravity flow of water from the bottom section of the unit through the concrete flume to the product water wet well.

5.3 Water Outlet

The water outlet shall be equipped with a water seal and water breaker to preclude air from exiting with the water. The water seal and water breaker shall be manufactured by DI or WES.

5.4 Drain

A minimum of a 2-inch drain connection shall be provided to allow complete drainage of the tower. The drain shall be PVC and will be FRP bonded to the vessel wall.

5.5 Packing Support Plate

The packing support plate or grating shall be fabricated from fiberglass and be designed to support the weight of packing and liquid. To prevent structural failure under full load or fouled conditions, the use of PVC or other plastic will not be allowed. The FRP degasifier shall be equipped with a FRP media support plate as manufactured by DI or WES. The support plate shall be FRP material, and a minimum of 1/4-inch thick with 2-inch diameter holes on 3-inch centers. The media support plate shall be fiberglassed on all perimeters to the interior of the vessel and shall be sealed with a NSF approved resin, polyurethane, or epoxy.

If the required bed depth exceeds the packing manufacturer's recommended maximum vertical depth of packing, an intermediate packing support plate shall be installed.

5.6 Distribution System

A 2-inch water inlet shall connect to the liquid distributor. The liquid distributor shall be sized and installed to insure even distribution of water across the surface of the packing at full capacity and at 60 percent of full capacity. The liquid distributor shall not impede or channel the air flow out of the top of the tower. The distributor shall be of a header lateral spray nozzle design. The nozzles shall be designed to be removed through the tower manway. Water nozzles shall be located a maximum of 12 inches above the packing.



The Public Health and Safety Organization

NSF Product and Service Listings

These NSF Official Listings are current as of **Monday, August 29, 2016** at 12:15 a.m. Eastern Time. Please contact NSF International to confirm the status of any Listing, report errors, or make suggestions.

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<http://info.nsf.org/Certified/PwsChemicals/Listings.asp?>

[CompanyName=Hawkins&ChemicalName=Sulfuric+Acid&](http://info.nsf.org/Certified/PwsChemicals/Listings.asp?CompanyName=Hawkins&ChemicalName=Sulfuric+Acid&)

NSF/ANSI 60 Drinking Water Treatment Chemicals - Health Effects

Hawkins, Inc.

2381 Rosegate

Roseville, MN 55113

United States

800-328-5460

612-331-6910

Visit this company's website

(<http://www.hawkinsinc.com>)

Facility : # 2 St. Paul, MN

Sulfuric Acid

Trade Designation

Sulfuric Acid 30%

Sulfuric Acid 40%

Product Function

Corrosion & Scale Control

pH Adjustment

Corrosion & Scale Control

pH Adjustment

Max Use

50mg/L

50mg/L

Sulfuric Acid 66'

Corrosion & Scale Control
pH Adjustment

50mg/L

Facility : Minneapolis, MN**Sulfuric Acid****Trade Designation**

Sulfuric Acid 30%

Product FunctionCorrosion & Scale Control
pH Adjustment**Max Use**

50mg/L

Sulfuric Acid 40%

Corrosion & Scale Control
pH Adjustment

50mg/L

Sulfuric Acid 66'

Corrosion & Scale Control
pH Adjustment

50mg/L

Hawkins, Inc.

3100 East Hennepin Avenue

Minneapolis, MN 55413

United States

612-331-6910

Facility : # 15 USA**Sulfuric Acid****Trade Designation**

Sulfuric Acid

Product Function

Corrosion & Scale Control

Max Use

50mg/L

Number of matching Manufacturers is 2

Number of matching Products is 7

Processing time was 0 seconds



The Public Health and Safety Organization

NSF Product and Service Listings

These NSF Official Listings are current as of **Monday, August 29, 2016** at 12:15 a.m. Eastern Time. Please contact NSF International to confirm the status of any Listing, report errors, or make suggestions.

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[http://info.nsf.org/Certified/PwsChemicals/Listings.asp?
CompanyName=Hawkins&ChemicalName=Sodium+Hydroxide&](http://info.nsf.org/Certified/PwsChemicals/Listings.asp?CompanyName=Hawkins&ChemicalName=Sodium+Hydroxide&)

NSF/ANSI 60 Drinking Water Treatment Chemicals - Health Effects

Hawkins, Inc.

2381 Rosegate

Roseville, MN 55113

United States

800-328-5460

612-331-6910

Visit this company's website (<http://www.hawkinsinc.com>)

Facility : # 1 St. Paul, MN

Sodium Hydroxide

Trade Designation

Caustic Soda 30%

Caustic Soda 50%

Sodium Hydroxide 30%

Sodium Hydroxide 50%

Product Function

Corrosion & Scale Control

pH Adjustment

Corrosion & Scale Control

pH Adjustment

Corrosion & Scale Control

pH Adjustment

Corrosion & Scale Control

pH Adjustment

Max Use

166mg/L

100mg/L

166mg/L

100mg/L

Facility : Centralia, IL**Sodium Hydroxide****Trade Designation****Product Function****Max Use**

Sodium Hydroxide 25% Membrane

Corrosion & Scale Control
pH Adjustment

200mg/L

Sodium Hydroxide 50% Membrane

Corrosion & Scale Control
pH Adjustment

100mg/L

Facility : Distribution Center - Slater, IA**Sodium Hydroxide****Trade Designation****Product Function****Max Use**

Caustic Soda 30%

Corrosion & Scale Control
pH Adjustment

166mg/L

Caustic Soda 50%

Corrosion & Scale Control
pH Adjustment

100mg/L

Sodium Hydroxide 30%

Corrosion & Scale Control
pH Adjustment

166mg/L

Sodium Hydroxide 50%

Corrosion & Scale Control
pH Adjustment

100mg/L

Facility : Minneapolis, MN**Sodium Hydroxide****Trade Designation****Product Function****Max Use**

Caustic Soda 30%

Corrosion & Scale Control
pH Adjustment

166mg/L

Caustic Soda 50%

Corrosion & Scale Control
pH Adjustment

100mg/L

Sodium Hydroxide 30%

Corrosion & Scale Control
pH Adjustment

166mg/L

Sodium Hydroxide 50%

Corrosion & Scale Control
pH Adjustment

100mg/L

Facility : Washburn, ND**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 30%	Corrosion & Scale Control pH Adjustment	166mg/L
Caustic Soda 50%	Corrosion & Scale Control pH Adjustment	100mg/L
Sodium Hydroxide 30%	Corrosion & Scale Control pH Adjustment	166mg/L
Sodium Hydroxide 50%	Corrosion & Scale Control pH Adjustment	100mg/L

Facility : Sioux Falls, SD**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 30%	Corrosion & Scale Control pH Adjustment	166mg/L
Caustic Soda 50%	Corrosion & Scale Control pH Adjustment	100mg/L
Sodium Hydroxide 30%	Corrosion & Scale Control pH Adjustment	166mg/L
Sodium Hydroxide 50%	Corrosion & Scale Control pH Adjustment	100mg/L

Facility : Distribution Center - Fond Du Lac, WI**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 30%	Corrosion & Scale Control pH Adjustment	166mg/L
Caustic Soda 50%	Corrosion & Scale Control pH Adjustment	100mg/L
Sodium Hydroxide 30%	Corrosion & Scale Control pH Adjustment	166mg/L
Sodium Hydroxide 50%	Corrosion & Scale Control pH Adjustment	100mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

Facility : Superior, WI**Sodium Hydroxide****Trade Designation**

Caustic Soda 30%

Product Function

Corrosion & Scale Control

pH Adjustment

Max Use

166mg/L

Caustic Soda 50%

Corrosion & Scale Control

pH Adjustment

100mg/L

Sodium Hydroxide 30%

Corrosion & Scale Control

pH Adjustment

166mg/L

Sodium Hydroxide 50%

Corrosion & Scale Control

pH Adjustment

100mg/L

Hawkins, Inc.

3100 East Hennepin Avenue

Minneapolis, MN 55413

United States

612-331-6910

Facility : # 15 USA**Sodium Hydroxide****Trade Designation**

Caustic Soda-Liquid

Product Function

Corrosion & Scale Control

pH Adjustment

Max Use

100mg/L

Sodium Hydroxide-Liquid (Diaphragm Cell)

Corrosion & Scale Control

pH Adjustment

100mg/L

Sodium Hydroxide-Liquid (Membrane Cell)

Corrosion & Scale Control

pH Adjustment

100mg/L

Number of matching Manufacturers is 2

Number of matching Products is 33

Processing time was 0 seconds

LAKE JOSEPHINE WTP - PLANT #2 HIGHLANDS COUNTY, FLORIDA

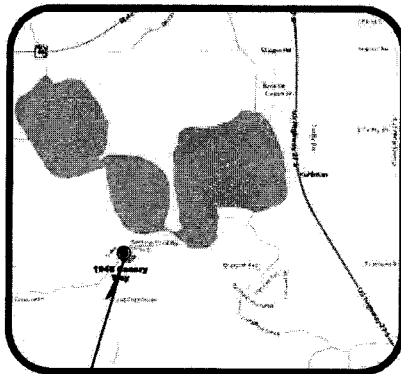
PERMITTING PLANS HYDROGEN SULFIDE REMOVAL SYSTEM PWS ID NO. 628-0162

U.S. Water®
Services Corporation

4939 Cross Bayou Blvd.
New Port Richey, Florida 34652-3434
Phone: (727) 848-8292 Fax: (727) 848-7701
FL. COA NO. 97547 FL. REG. NO. 45129

INDEX OF DRAWINGS

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3	WATER SYSTEM NOTES 2
4	DEMOLITION/ABANDONMENT PLAN
5	PROPOSED SITE PLAN
6	AERATION SYSTEM DETAILS
7	CHEMICAL FEED SYSTEM DETAILS 1
8	CHEMICAL FEED SYSTEM DETAILS 2
9	CONSTRUCTION DETAILS 1
10	CONSTRUCTION DETAILS 2
11	PROCESS FLOW DIAGRAM



PROJECT
LOCATION

LOCATION MAP
N.T.S.



LOCATION

1945 CANARY WAY, SEBRING, FL 33875

PROJECT DESCRIPTION

INSTALLATION OF A 350 GPM HYDROGEN SULFIDE FORCED DRAFT AIR STRIPPER WITH pH ADJUSTMENT BY ACID AND CAUSTIC FEED, WITH A 10,000-GALLON CLEARWELL, TRANSFER PUMPS, REPLACEMENT OF ADAGE FILTER MEDIA WITH SAND, AND INSTALLATION OF A 10,000-GALLON HYDRO-PNEUMATIC TANK AT LAKE JOSEPHINE WATER TREATMENT PLANTS.

PROJECT TEAM

OWNER -

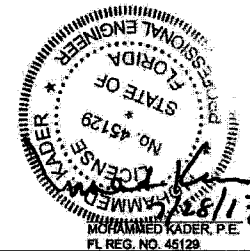
GARY DEREMER
HC WATERWORKS, INC.
4939 CROSS BAYOU BLVD.
NEW PORT RICHEY, FL 34652
TELEPHONE: (727) 848-8292

PROFESSIONAL ENGINEERING SERVICES -
U.S. WATER SERVICES CORPORATION
4939 CROSS BAYOU BLVD.
NEW PORT RICHEY, FL 34652-3434
(727) 848-8292 - FAX (727) 848-7701

UTILITIES -

POWER - GLADES ELEC. CO.-OP INC.
GLEN STIMSON (863) 485-0231
WATER - U.S. WATER SERVICES
RON DEROSSETT (727) 848-8292

ENGINEERING PLANS
PREPARED FOR:
HC WATERWORKS, INC.
HIGHLANDS COUNTY
FLORIDA



THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF U.S. WATER SERVICES CORP. AND ARE NOT TO BE REPRODUCED, COPIED, PUBLISHED, OR USED IN WHOLE OR PART WITHOUT WRITTEN CONSENT. THEY ARE TO BE USED ONLY FOR THE SPECIFIC PROJECT IDENTIFIED AND SHALL BE RETURNED UPON REQUEST.

MOHAMMED KADER, P.E.
FL. REG. NO. 45129

GENERAL CONSTRUCTION NOTES:

1. All design and construction shall conform to the minimum standards set forth by FDEP, FDOT, Highlands County, and the local governing agencies.
2. Locations, elevations and dimensions of existing utilities, structures and other features are shown according to the best information available at time of preparation of these plans. The contractor shall verify the locations, elevations, and dimensions of all existing utilities, structures and other features affecting this work prior to construction.
3. The contractor shall check plans for conflicts and discrepancies prior to performing any work in the affected area.
4. The contractor is responsible for repairing any damage to existing facilities, above or below ground that may occur as a result of the work performed by the contractor called for in this contract.
5. All underground utilities must be in place and tested or inspected prior to road base and subsurface construction.
6. It is the contractor's responsibility to become familiar with the permit and inspection requirements specified by the various governmental agencies and the engineer. The contractor shall obtain all necessary permits prior to construction and schedule inspection according to agency instructions.
7. All work performed shall comply with the regulations and ordinances of the various governmental agencies having jurisdiction over the work.
8. Contractor shall submit shop drawings on all precast and manufactured items to the engineer for approval. Failure to obtain approval before installation may result in removal and replacement at contractor's expense.
9. All underground pipes are to be PVC unless otherwise noted.
10. All proposed concrete support slabs and support structures shall be constructed with minimum of 4,000 psi concrete.
11. All chemical feed pipes and water mains are to be constructed with 3.0' minimum cover unless otherwise noted on the plans.
12. All rocks or stones larger than 6" in diameter shall be removed from the backfill material. Backfill material placed within 1-foot of piping and appurtenances shall not contain any stones larger than 2" in diameter.
13. All workmanship and materials used in the construction of this project shall conform to FDOT's Standard Specifications for Roadwork and Bridge Construction, latest edition, and the latest Highlands County standards, unless otherwise indicated.
14. The contractor shall notify the appropriate public agency(ies) prior to commencing work within their jurisdiction.
15. All pipe lengths are approximate. Pipe measurements are to center of structures or fittings. Pipe measurements for straight end wall end sections are to end of pipe.
16. The operation and/or control systems specified are engineered and designed by the vendors for seamless installation and continued operation. The electrical loads, dimensions and weights of the proposed equipment were utilized for the specific electrical and structural designs detailed within these plans. Any proposed substitution of equipment shall include Engineered treatment design calculation, structural support designs, lightning protection/grounding details, wind load calculations, and wind restraints as are to be provided by the equipment vendor upon purchase.
17. The contractor shall be responsible for all building permits required.

62-555.320, F.A.C., (21) Drinking Water Piping and Appurtenances.

(a) All new or altered mains, including treatment plant process piping, and appurtenances conveying raw or partially treated drinking water shall be designed and constructed in accordance with Sections 8.0, 8.4, 8.5, and 8.7 in Recommended Standards for Water Works as incorporated into Rule 62-555.330, F.A.C., except that:

1. Asbestos-cement water mains shall be pressure and leakage tested in accordance with American Water Works Association (AWWA) Standard C603 as incorporated into Rule 62-555.330, F.A.C., and polyvinyl chloride water mains shall be pressure and leakage tested in accordance with AWWA Standard C605 as incorporated into Rule 62-555.330, F.A.C., while all other types of water mains shall be pressure and leakage tested in accordance with AWWA Standard C600 as incorporated into Rule 62-555.330, F.A.C.

2. Water mains and appurtenances that normally convey surface water, or ground water under the direct influence of surface water, and that are located upstream of all filtration and disinfection treatment facilities need not be disinfected.

3. All water mains and appurtenances other than those described in subparagraph 2. above shall be disinfected and bacteriologically evaluated in accordance with Rule 62-555.340, F.A.C.

(b) All new or altered piping, including treatment plant process piping, and appurtenances conveying finished drinking water shall be designed and constructed in accordance with Sections 8.0 through 8.5 and 8.7 through 8.11 in Recommended Standards for Water Works as incorporated into Rule 62-555.330, F.A.C., except that:

Drinking Water Piping and Appurtenances. (Continued)

4. All water mains and appurtenances shall be disinfected and bacteriologically evaluated in accordance with Rule 62-555.340, F.A.C.

5. All water main pipe, including fittings, installed on or after August 28, 2003, except pipe installed under a construction permit for which the Department received a complete application before August 28, 2003, shall be color coded or marked using blue as a predominant color to differentiate drinking water from reclaimed or other water. Underground plastic pipe shall be solid-wall blue pipe, shall have a co-extruded blue external skin, or shall be white or black pipe with blue stripes incorporated into, or applied to, the pipe wall; and underground metal or concrete pipe shall have blue stripes applied to the pipe wall. Pipe striped during manufacturing of the pipe shall have continuous stripes that run parallel to the axis of the pipe, that are located at no greater than 90-degree intervals around the pipe, and that will remain intact during and after installation of the pipe. If tape or paint is used to stripe pipe during installation of the pipe, the tape or paint shall be applied in a continuous line that runs parallel to the axis of the pipe and that is located along the top of the pipe; for pipes with an internal diameter of 24 inches or greater, tape or paint shall be applied in continuous lines along each side of the pipe as well as along the top of the pipe. Aboveground pipe at drinking water treatment plants shall be color coded and labeled in accordance with subsection 62-555.320(10), F.A.C., and all other aboveground pipe shall be painted blue or shall be color coded or marked like underground pipe.

(c) The Department shall allow the use of pipe and appurtenances that do not conform to applicable American Water Works Association (AWWA) standards as incorporated into Rule 62-555.330, F.A.C., only if suppliers of water or construction permit applicants provide documentation showing that the alternate pipe and appurtenances provide strength, durability, reliability, and public health protection at least equal to that provided by pipe and appurtenances that conform to applicable AWWA standards.

1.2 SUBSTITUTIONS

1.2.1 Engineers Approval Required

1.2.1.1 The Contract is based on the materials, equipment and methods described in the Contract Documents.

1.2.1.2 The Engineer will consider proposals for substitution of materials, equipment, and methods only when such proposals are accompanied by full and complete technical data and all other information required by the Engineer to evaluate the proposed substitution.

1.2.1.3 Do not substitute materials, equipment, or methods unless such substitution has been specifically approved for this Work by the Engineer.

1.2.2 "Or Equal"

1.2.2.1 Where the phrase "or equal" or "or equal as approved by the Engineer" occurs in the Contract Documents, do not assume that materials, equipment, or methods will be approved by the Engineer unless the item has been specifically approved for this Work by the Engineer.

1.2.2.2 The decision of the Engineer shall be final.

1.2.3 Availability of Specified Items

1.2.3.1 Verify prior to bidding that all specified items will be available in time for installation during orderly and timely progress of the Work.

1.2.3.2 In the event that specified items will not be so available, so notify the Engineer prior to receipt of bids.

1.2.3.3 Costs and delays because of non-availability of specified items, when such delays could have been avoided by the Contractor, shall be back-charged as necessary and shall not be borne by the Owner.

1.2.4 Accommodation of Substituted Work

If substitution of any materials is requested by the Contractor, any approval is subject to the Contractor providing all necessary changes in piping, fittings, etc., to accommodate the change at no additional cost to the Owner, whether or not specifically detailed in the Shop Drawings or on the Plans.

1.3 SUBMITTALS

1.3.1 Number of Copies

Submit five (5) copies of all submittals in accordance with Section 01300 (Submittals and Substitutions) of these Specifications, unless otherwise specified.

1.3.2 Timely Submittal

1.3.2.1 All submittals must be done at least two weeks before beginning construction on the particular items covered in the submittal.

1.3.2.2 Contractor shall make submittals promptly so that a delay in the work does not occur because of reasonable review times.

1.3.2.3 Numerous review and resubmittal cycles caused by incorrect or incomplete submittals shall not be cause for contract time extension.

1.3.3 Contractor Certification Requirement

1.3.3.1 Contractor shall certify that he has reviewed the submittal and that it conforms to the requirements of the plans and specifications.

SUBSTITUTIONS (Continued)

1.3.3.2 Any variations or substitutions requested shall be specifically called out as such in the transmittal to the Engineer.

1.3.3.3 Any submittals made without the above certifications and statements of variation shall be returned to the Contractor unreviewed.

1.3.4 Prohibition Against Construction Without Approved Submittals
Construction shall not commence until approved submittals are received from the Engineer. Any work installed prior to receipt of approved submittals from the Engineer shall be at the Contractor's hazard and shall be subject to removal and replacement with approved materials and methods at no additional cost to the Owner.

EROSION AND POLLUTION CONTROL NOTES

1. Protection and stabilization of onsite soil stockpiles: Fill material stockpile shall be protected at all times by onsite drainage controls which prevent erosion of the stockpiled material. Control of dust from such stockpiles is to be required, depending upon their location and the expected length of time the stockpiles will be present. In no case shall any stockpiled material remain after thirty days (30) calendar days upon completion of construction.
2. Protection of existing storm sewer systems water inlets in the vicinity of the project shall be protected by sediment traps such as hay bales, sod stone, etc. which shall be maintained and modified as required by the construction progress, and which must be approved by the engineer before installation. This will be maintained to prevent degradation of the waters of the county and state.
3. Erosion/sedimentation control: Contractor is to provide erosion control/sedimentation barrier (hay bales or siltation curtain) to prevent siltation of adjacent property, streets, storm sewers and waterways. In addition, contractor shall place straw, mulch or other suitable material be placed on ground in areas where construction related traffic is to enter and exit site. Either by natural drainage or by vehicular traffic, the contractor is to remove and clean solid earth to satisfaction of the engineer and/or authorities.
4. If wind erosion becomes significant during construction, the contractor shall stabilize the affected area using sprinkling, irrigation or other acceptable methods.

WATER TREATMENT PLANT PIPING

All water mains shall have a minimum of 36 inches of cover. All rocks or stones larger than 6" in diameter shall be removed from the backfill material. Backfill placed within 1-foot of piping and appurtenances shall not contain any stones larger than 2" in diameter. All workmanship and materials used in the construction of this project shall conform to: AWWA, FDEP, RSWW & "FDOT's Standard Specifications for Roadwork and Bridge Construction", latest edition.

2. Piping material specifications covering pipes, jointing and packing materials, internal coatings and linings, fittings, specials and appurtenances shall be in accordance with the corresponding AWWA Standards and be conforming to NSF requirements, as may be applicable, with exceptions allowed only if documentation and assurances are provided in compliance with Paragraphs 62-555.320(3)(d), 62-555.320(3)(b) and 62-555.320(21)(c), F.A.C. The lead use prohibition in Rule 62-555.322, F.A.C., shall also apply.

3. All onsite PVC potable water mains 4 inches to 12 inches shall be virgin polyvinyl chloride (PVC) pipe for potable water and shall have a bell type coupling with a thickened wall section integral with the pipe barrel in accordance with ASTM D3139, elastomeric seals shall meet ASTM F477 and shall be attached to the bell utilizing glue (AWWA and manufacturer approved type) or rieber ring. The pipe shall be clean, virgin, National Sanitation Foundation No. 14 approved, Class 12454-A or 12454-B PVC compound conforming to ASTM resin specification D1784. Each length shall be clearly marked with the name of the manufacturer, the size, the plant, pressure rating, nominal pipe diameter and the NSF approval mark to PVC 120, Class 150, DR 18 AWWA C900.

4. All PVC water mains less than 4 inches may be ASTM F477, Class 150, DR 18, or ASTM 2241 with NSF markings on each installed length.

4535 CROSS BAYOU BOULEVARD NEW PORT RICHEY, FL 34653 (813) 281-1111 FL COA NO. 8794 & F.L. REG. NO. 45129	PROJECT NO. 11-0000000000 SHEET NO. 11-0000000000
	DATE: 11/11/2011 TIME: 11:11:11 AM

HC WW - LAKE JOSEPHINE WTP
HYDROGEN SULFIDE REMOVAL SYSTEM
WATER SYSTEM NOTES 1
HIGHLANDS COUNTY, FLORIDA

U.S. Water
 services everywhere

FOR WALKER
 2
 11

WATER TREATMENT PLANT PIPING (Continued)

5. All ductile iron fittings larger than 3" shall be pressure class 350 in accordance with AWWA C-110 with a pressure rating of 350 PSI. Joints shall be mechanical joints in accordance with AWWA C-111. Fittings shall be cement mortar lined and coated in accordance with fittings AWWA C-104. All fittings shall be restrained using MEGALUG or approved equal.
6. All fittings 3" and smaller shall be schedule 80 PVC with solvent welded sleeve type joints.
7. Contractor to install temporary blow offs at the end of the water main to assure adequate flushing and disinfecting.
8. Oatley PVC Heavy Duty Gray Solvent Cement or equivalent shall be used for all fittings below grade.
9. All water main pipe, including fittings, installed on or after August 28, 2003, except pipe installed under a construction permit for which the Department received a complete application before August 28, 2003, shall be color coded or marked using blue as a predominant color to differentiate drinking water from reclaimed or other water. Underground plastic pipe shall be solid-wall blue pipe, shall have a co-extruded blue external skin, or shall be white or black pipe with blue stripes incorporated into, or applied to, the pipe wall; and underground metal or concrete pipe shall have blue stripes applied to the pipe wall. Pipe striped during manufacturing of the pipe shall have continuous stripes that run parallel to the axis of the pipe, that are located at no greater than 90-degree intervals around the pipe, and that will remain intact during and after installation of the pipe. If tape or point is used to stripe pipe during installation of the pipe, the tape or point shall be applied in a continuous line that runs parallel to the axis of the pipe and that is located along the top of the pipe; for pipes with an internal diameter of 24 inches or greater, tape or point shall be applied in continuous lines along each side of the pipe as well as along the top of the pipe. Aboveground pipe at drinking water treatment plants shall be color coded and labeled in accordance with subsection 62-555.320(10), F.A.C., and all other aboveground pipe shall be painted blue or shall be color coded or marked like underground pipe.
10. All PVC water mains shall have a suitable magnetic locator buried approximately one foot below grade over the force main. The tape shall be continuous between valves, and secured to each valve. The tape shall be at least 5 1/2 mils thick, 2 inches minimum width and made of aluminum material sandwiched between 2 layers of polyethylene. It shall be imprinted in permanent black ink with 1 inch letters, "CAUTION, WATER LINE BURIED BELOW", on blue background.
11. All water system components and materials that are to come into contact with the potable water shall meet or exceed the latest standards issued by the AWWA and ANSI/NSF requirements.
12. All proposed ball valves shall be Sch 80 true union valves.
13. All proposed treatment plant piping shall utilize piping color code to facilitate identification as follows:

Water Lines	
Raw or Recycled	Olive Green
Settled or Clarified	Aqua
Finished or Potable	Dark Blue
Chemical Lines	
Ammonia	White
Caustic	Yellow with Green Band
Chlorine (Gas or Solution)	Yellow
Sulfuric Acid	Yellow with Red Band

TESTING AND INSPECTION REQUIREMENTS

1. All components of the water system, including fittings, hydrants, connections, and valves shall be properly pressure tested and accepted by the FGUA Engineer. The Contractor shall provide a minimum of 48 advanced notice to the FGUA inspector prior to performing any pressure testing (all inspections to be witnessed by FGUA). Cleaning, flushing and hydrostatic pressure testing is to be done in accordance with AWWA C605 for PVC pipe and fittings and AWWA C600 for Ductile Iron water mains and appurtenances.
2. Contractor to perform chlorination and bacteriological sampling. Copies of all bacteriological test to be submitted to the engineer. Locations of chlorination and sampling points to be submitted with test results along with as-built drawings.
3. The contractor shall perform hydrostatic testing of all water distribution system, as set forth in the following, and shall conduct said tests in the presence of representative of the Engineer and/or the County in which said tests are performed, with two days' advance notice provided.
4. Testing shall not proceed until concrete thrust blocks are in place and cured or other restraining devices installed. AWWA C605

TESTING AND INSPECTION (Continued)

5. Prior to filling, testing, and disinfecting the installed line, the contractor shall ensure that the line is clean in conformance with ANSI/AWWA C651. To facilitate effective disinfection and minimize the chlorine dosage needed, when practicable, pre-disinfection flushing should continue until the discharge turbidity drops below 5 ntu, using measurement procedures described in AWWA Manual M12.
6. Lines shall be filled slowly with potable water at a maximum velocity of 1 ft/sec (0.3 m/sec) while venting air. Precautions shall be taken to prevent entrapping air in the lines. After filling, lines shall be flushed at blowoffs and dead ends at a minimum velocity of 3 ft/sec (0.9 m/sec). A minimum of three changes of treated water shall be used in flushing operations. Valves shall be closed slowly to prevent excessive surges while maintaining positive pressure at all times throughout the new line. Flushing water shall be discharged without causing erosion damage, nuisance, or interruption of traffic. Disposal of flushing water shall be in accordance with Sec. 4.1.1.2. A special pipeline pig may be required when the required flushing velocity cannot be achieved or when needed to conserve water. The contractor shall make provisions for launching and retrieving the pig.
7. Hydrostatic testing shall be conducted with water, or other environmentally safe, incompressible fluids, because of the inherent safety hazard potential associated with testing components and systems with compressed air or other compressed gases.
8. The contractor shall provide measurement gauges and recording devices for the test, including pump, pipe, connections, and other necessary apparatus, unless otherwise specified by the purchaser, and shall provide the necessary assistance to conduct the test. Prior to testing, the contractor shall place sufficient backfill to prevent pipe movement. When local conditions require that the trenches be backfilled immediately after the pipe has been laid, the testing may be carried out after backfilling has been completed but before placement of permanent surfacing. The contractor shall ensure that thrust-blocking or other types of restraining systems will provide adequate restraint prior to pressurizing the pipeline. Refer to AWWA C605, Sec. 5.8.4 for backfilling requirements.
9. When existing water mains are used to supply test water, they should be protected from backflow contamination by temporarily installing a double check-valve assembly between the test and supply main or by other means approved by the purchaser. Prior to pressure and leakage testing, the temporary backflow protection should be removed and the main under test isolated from the supply main.
10. Test shall be performed only after the pipeline has been properly filled, flushed, and purged of air. The specified test pressure shall be applied by means of an approved pumping assembly connected to the pipe in a manner satisfactory to the purchaser. The test pressure shall not exceed the design pressure of the pipe, fittings, valves, or thrust restraints. If necessary, the test pressure shall be maintained by additional pumping for the specified time. During tests, the system and exposed pipe, fittings, valves, and hydrants shall be carefully examined for leakage. Visible leaks shall be stopped. Defective elements shall be repaired or removed and replaced and the test repeated until the test requirements have been met.
11. The duration of the hydrostatic test shall be two (2) hours.
12. The hydrostatic test pressure shall not be less than 1.5 times the maximum anticipated sustained working pressure at the highest point along the test section unless the pressure exceeds the design pressure limit for any pipe, thrust restraint, valve, fitting, or other appurtenance of the test section.
13. The test allowance shall be defined as the quantity of water that must be supplied to the pipe section being tested to maintain a pressure within 5 psi (34 kPa) of the specified hydrostatic test pressure. No installation will be accepted if the quantity of makeup water is greater than that determined by the formula:

$$Q = (LD(P)) / 148,000$$

Where:

Q = quantity of makeup water, in gallons per hour
 L = length of pipe section being tested, in feet
 D = nominal diameter of pipe, in inches
 P = average test pressure during the hydrostatic test, in pounds per square inch (gauge)

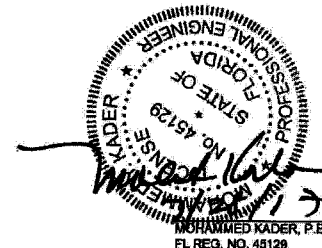
WATER TREATMENT PLANT PIPING (Continued)

Additional Testing Notes:

1. The testing procedure shall include the continued application of the specified pressure to the test system for the two-hour period by way of a pump taking supply from a container suitable for measuring water loss. The amount of loss shall be determined by measuring the volume displaced to maintain system pressure.
2. Prior to placing the installed water line in service, the new pipe and exposed sections and appurtenances of existing pipelines shall be cleaned and disinfected in accordance with ANSI/AWWA C651, unless otherwise specified. Pipelines shall be flushed following the completion of disinfection procedures. Disposal or neutralization of disinfection water shall comply with applicable regulations (refer to Appendix B of ANSI/AWWA C651).

CHEMICAL FEED SYSTEM NOTES

1. All proposed chemicals and materials to be utilized for this project shall be NSF approved for use with potable water.
 2. All water system work shall conform with AWWA standards and specifications.
 3. All proposed chemical feed carrier pipe and fittings shall be manufactured specifically for Sulfuric Acid containment. Chemical feed casing piping shall be 2" minimum, single wall schedule 80 CPVC with solvent welded sleeve type joints. Materials used in the manufacture of the pipe shall be a rigid chlorinated polyvinyl chloride (CPVC) compound, Type IV, Grade I, with a Cell Classification of 23447 as defined in ASTM D1784. This compound shall be light gray in color, and shall be approved by NSF for use with potable water. Material used shall be domestically produced CPVC material. Markings shall indicate mfr's name, material designation code, nominal pipe size with pressure rating in psi for water 73° F, ASTM designation No. F-441, NSF seal for potable water and mfr's date code. Standard pipe length is 20 ft.
 4. All proposed casing pipe and fittings for Sodium Hydroxide chemical feed shall be 2" single wall schedule 80 PVC with solvent welded sleeve type joints. Materials used in the manufacture of the pipe shall be domestically produced rigid polyvinyl chloride (PVC) compound, Type 1, Grade 1, with a Cell Classification of 12454 as defined in ASTM D1784. The compound shall be gray in color, and shall be approved by NSF International for use with potable water (NSF Std 61). Product marking shall meet the requirements of ASTM D1785 and shall include: the mfr's name; the nominal pipe size; the material designation code; the pipe schedule and pressure rating in psi for water @ 73° F; the ASTM designation D1785; the independent laboratory's seal of approval for potable water usage; and the date and time of manufacture.
 5. All PVC shall be formulated for sunlight exposure and shall pass the impact strength test as described by ASTM D2444, latest revision, using Test A with impact level of 94 ft.-lbs.
 6. All proposed above grade chemical feed piping shall be insulated to prevent freezing and color coded.
 7. All proposed buried chemical feed piping shall be installed at least 30" below grade.
- ### SOLVENT CEMENT
8. Solvent cement for Sulfuric Acid and Sodium Hydroxide chemical feed piping shall be NSF approved for use with potable water, and designed specifically for CPVC and PVC piping systems carrying acids/50% sulfuric acid, and caustic/50% sodium hydroxide (contain no fumed silica).
 9. The contractor shall utilize primer specifically design for the solvent cement at all joints and fitting welds.



45129 CROSS BAYOU BOULEVARD
 NEW PORT RICHEY, FL 34653
 (727) 848-2582 FAX (727) 848-1761
 FL CEN. NO. 8764 & FL REG. NO. 45129

HCWW - LAKE JOSEPHINE WTP
 HYDROGEN SULFIDE REMOVAL SYSTEM
 WATER SYSTEM NOTES 2
 HIGHLANDS COUNTY, FLORIDA

U.S. Water
 Services Corporation

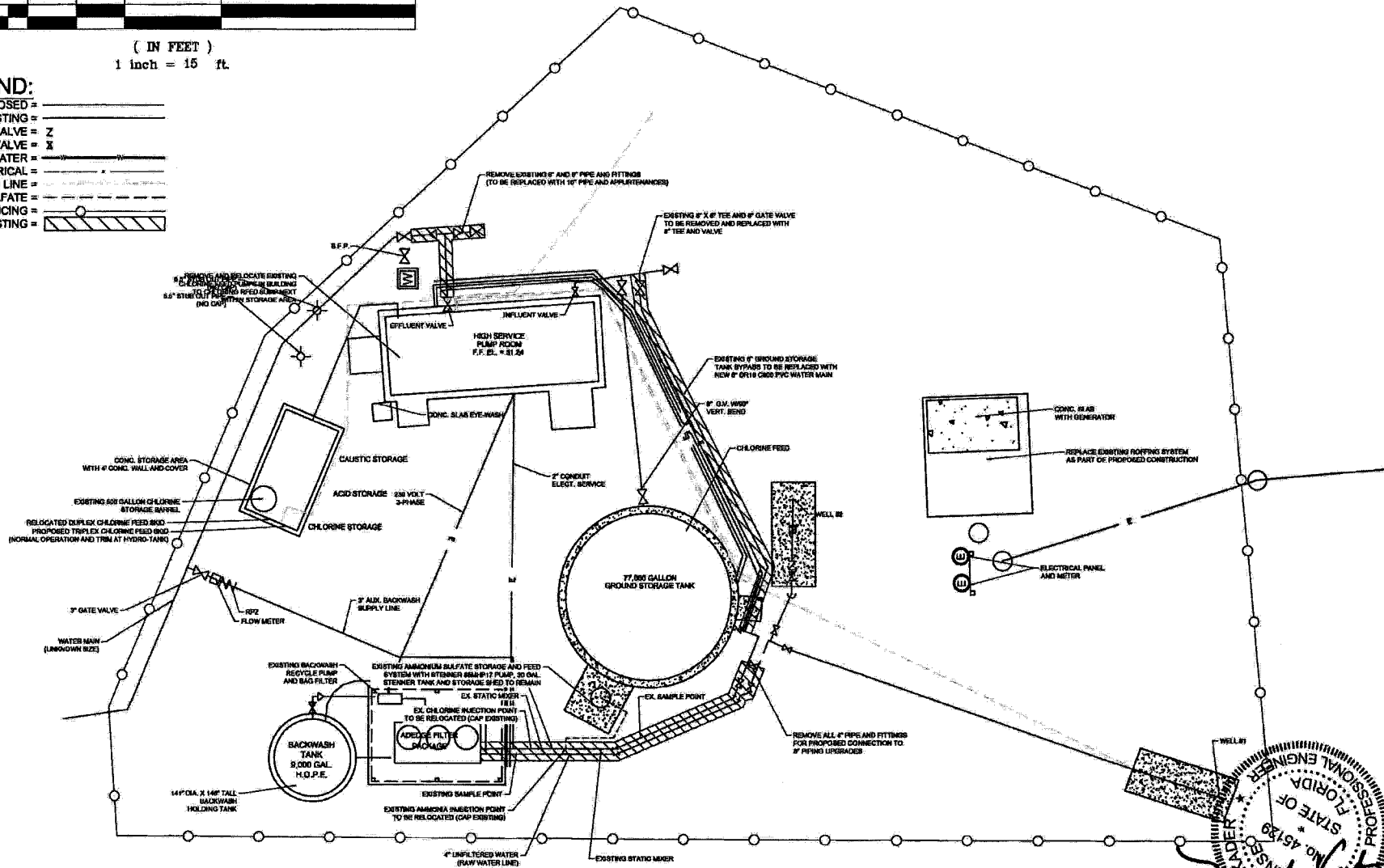
GRAPHIC SCALE



(IN FEET)
1 inch = 15 ft.

LEGEND:

- PROPOSED = ————
- EXISTING = ————
- CHECK VALVE = Z
- GATE VALVE = X
- EXISTING WATER = ————
- EXISTING ELECTRICAL = ————
- CHLORINE FEED LINE = ————
- AMMONIA SULFATE = ————
- SECURITY FENCING = ————
- ABANDON EXISTING = ————



ENGINEERING	
Project No.	10000000
Sheet No.	11
Scale	AS SHOWN
Drawn By	W. J. RADER
Checked By	W. J. RADER
Approved By	W. J. RADER
Date	10/1/00

**HCWW - LAKE JOSEPHINE WTP
HYDROGEN SULFIDE REMOVAL SYSTEM
DEMOLITION/ABANDONMENT PLAN
HIGHLANDS COUNTY, FLORIDA**

4830 CROSS BAYOU BOULEVARD
NEW PORT RICHEY, FL 34653
(727) 848-8282 FAX (727) 848-7701
FL CCN NO. 9794 & FL REG. NO. 45129

U.S. Water
Services Corporation

STATE OF FLORIDA
PROFESSIONAL ENGINEER
W. J. RADER
NO. 45129
FL REG. NO. 45129

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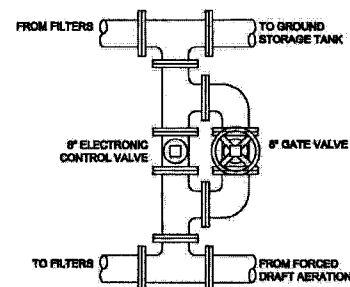
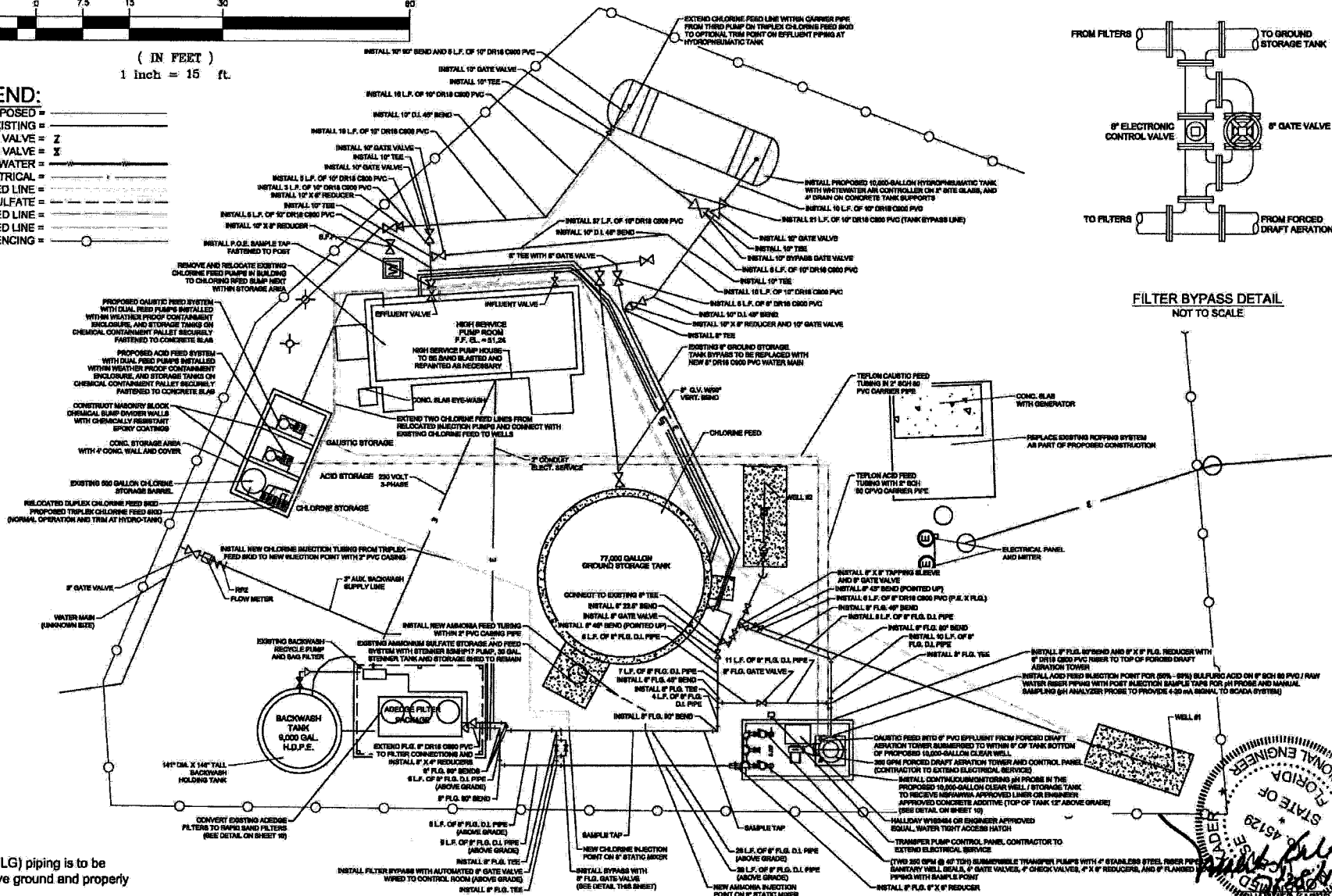
GRAPHIC SCALE



(IN FEET)
1 inch = 15 ft.

LEGEND:

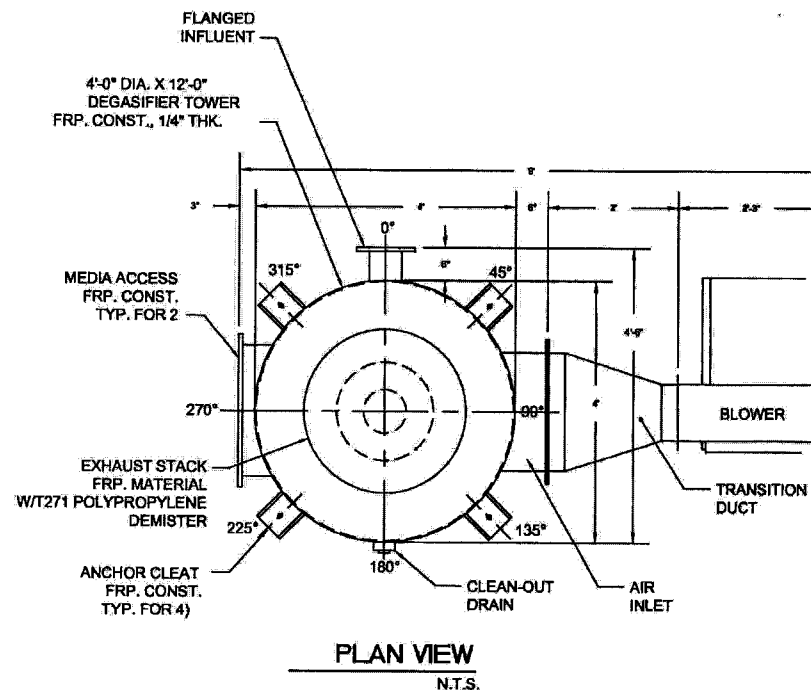
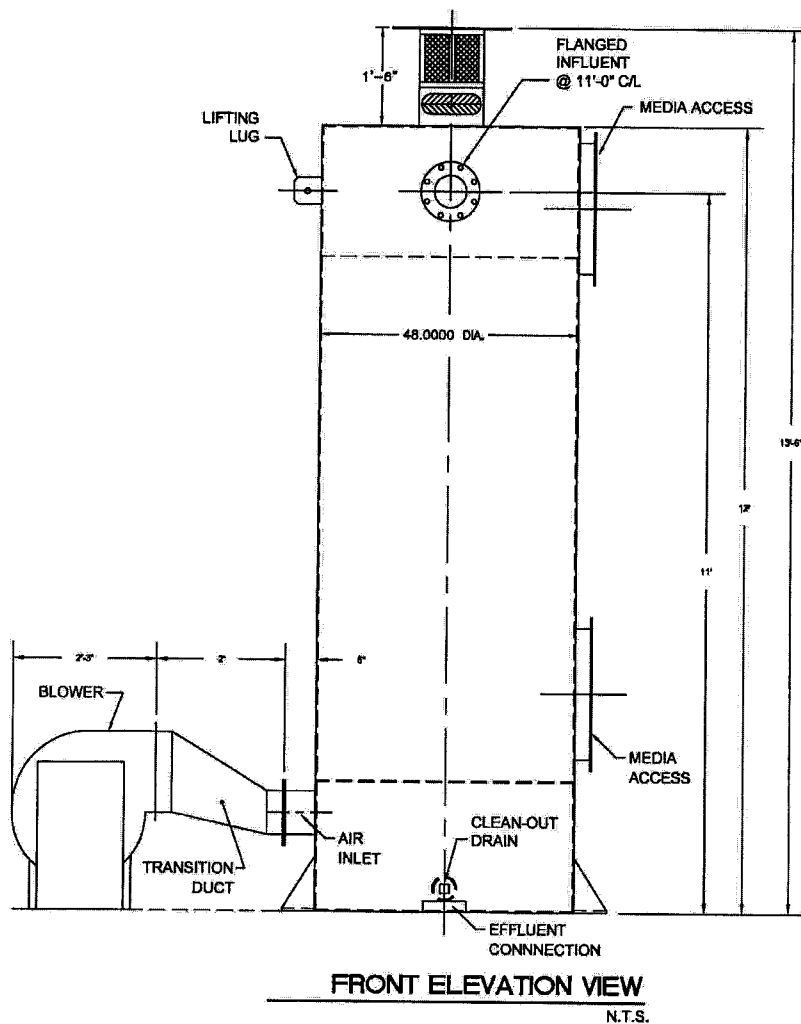
- PROPOSED = ————
- EXISTING = ————
- CHECK VALVE = Z
- GATE VALVE = X
- EXISTING WATER = ————
- EXISTING ELECTRICAL = ————
- CHLORINE FEED LINE = ————
- AMMONIA SULFATE = ————
- ACID FEED LINE = ————
- CAUSTIC FEED LINE = ————
- SECURITY FENCING = ————



FILTER BYPASS DETAIL
NOT TO SCALE

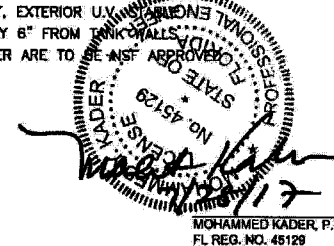
Note:
All flanged (FLG) piping is to be installed above ground and properly supported.

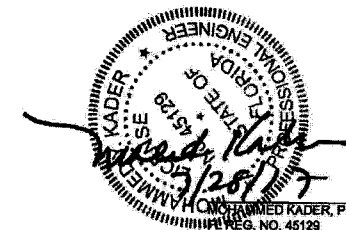
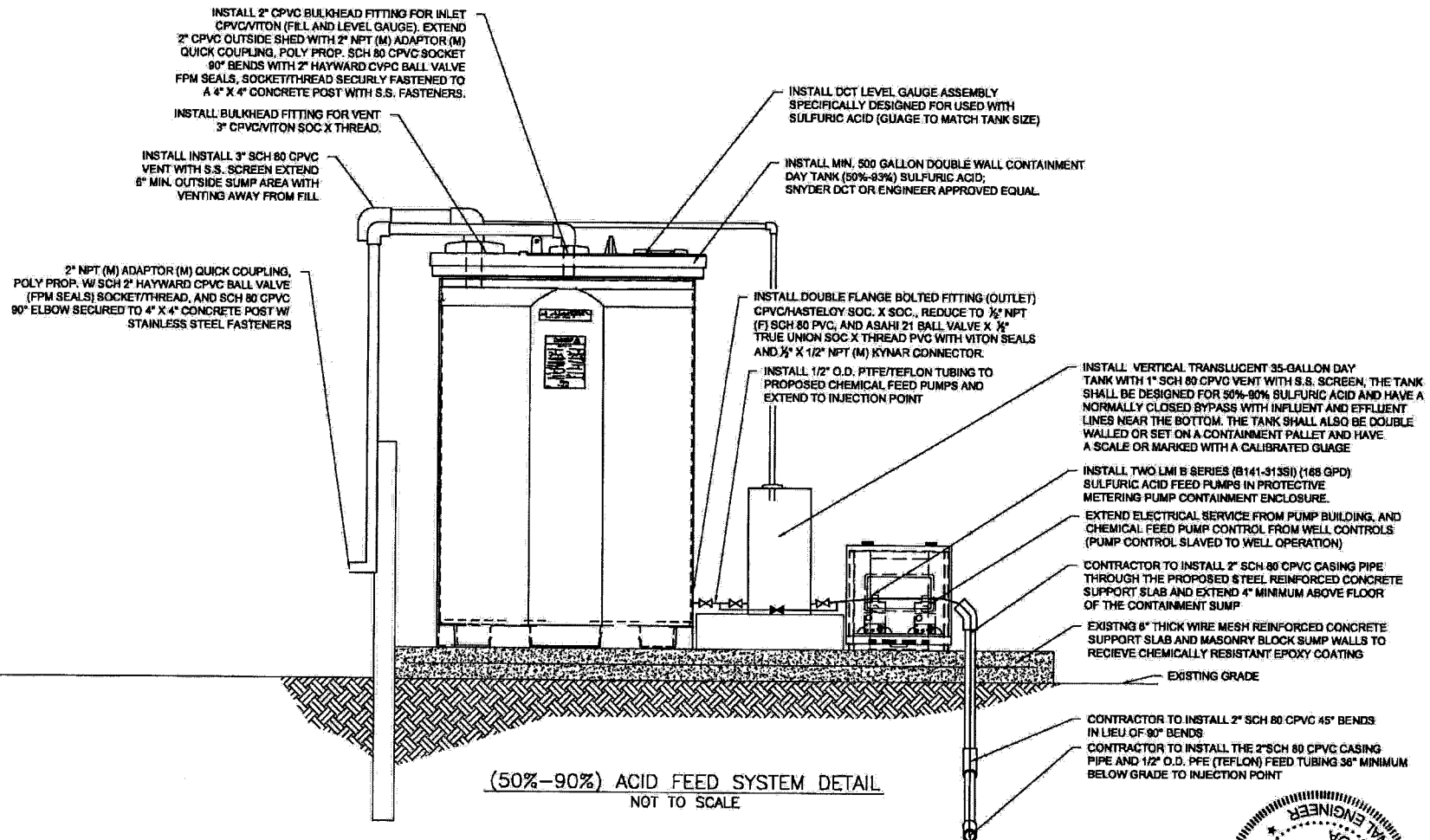
U.S. Water Services Corporation 4500 CROSS BAYOU BOULEVARD NEW PORT RICHEY, FL 34882 (727) 846-8282 FAX (727) 846-7701 FL CCA NO. 1574 & FL REG. NO. 45129	
PROFESSIONAL ENGINEER STATE OF FLORIDA No. 45129 M. J. RADER, P.E. FL REG. NO. 45129	



NOTES:

1. MATERIAL: 1/4 THK FIBERGLASS REINFORCEMENT IS TYPE 77
2. FINISH: WHITE MOLDED GEL COAT, EXTERIOR U.V. PROTECTANT
3. FLANGED NOZZLES ARE TYPICALLY 6" FROM TANK WALLS
3. ALL MATERIALS CONTACTING WATER ARE TO BE NSF APPROVED





INSTALL 2" SCH 80 PVC BULKHEAD FITTING FOR INLET PVC/EPDM SOC X THREAD (FILL AND LEVEL GAUGE). EXTEND 2" PVC OUTSIDE SHED WITH 2" NPT (M) ADAPTOR (M) QUICK COUPLING, POLY PROP. SCH 80 PVC SOCKET 90° BENDS WITH 2" ASAHI 21 BALL VALVE X 2" TRUE UNION SOC/THREAD PVC VITON SEALS. SECURELY FASTENED TO A 4" X 4" CONCRETE POST WITH S.S. FASTENERS

INSTALL BULKHEAD FITTING FOR VENT 3" PVC/EPDM SOC X THREAD

INSTALL STORAGE SHED WITH ADEQUATELY SIZED ACCESS DOORWAY, AND FASTENED SECURELY TO PROPOSED CONCRETE SLAB

INSTALL DCT LEVEL GAUGE ASSEMBLY SPECIFICALLY DESIGNED FOR USE WITH SODIUM HYDROXIDE (GAUGE TO MATCH TANK SIZE)

INSTALL MIN. 200 GALLON DCT DAY TANK 50% SODIUM HYDROXIDE / SNYDER DOUBLE WALL TANK OR ENGINEER APPROVED EQUAL

INSTALL 3" SCH 80 PVC VENT WITH S.S. SCREEN EXTEND 6" MIN. OUTSIDE SHED/VENT AWAY FROM FILL

WINDOW OPENING TO BE INSTALLED NEAR FILL PIPING ALLOWING CLEAR SIGHT OF TANK FILL LEVEL INDICATOR

INSTALL DOUBLE FLANGE BOLTED FITTING (OUTLET) PVC/EPDM/SS SOC. X SOC. REDUCE TO 1/2" NPT (F) SCH 80 PVC, AND ASAHI 21 BALL VALVE X 1/2" TRUE UNION SOC X THREAD PVC WITH VITON SEALS AND 1/2" X 1/2" O.D. NPT (M) KYNAR CONNECTOR.

2" NPT (M) ADAPTOR (M) QUICK COUPLING, POLY PROP. W/ 2" ASAHI 21 TRUE UNION BALL VALVE (PVC VITON SEALS) SOCKET/THREAD, AND SCH 80 PVC 90° ELBOW SECURED TO 4" X 4" CONCRETE POST W/STAINLESS STEEL FASTENERS

INSTALL 1/2" O.D. PTFE/TEFLON TUBING WITH ASSOCIATED VALVES AND FITTINGS TO PROPOSED CHEMICAL FEED PUMPS AND INJECTION POINT.

INSTALL 22-GALLON MIN. TRANSLUCENT VERTICAL STORAGE TANK WITH 1" SCH 80 PVC EXTERNAL VENT WITH SCREEN, AND NORMALLY CLOSED BYPASS DESIGNED FOR 50% CAUSTIC (DOUBLE WALL OR SET ON CONTAINMENT PALLET) WITH SCALE OR CALIBRATED GAUGE

EXTEND ELECTRICAL SERVICE FROM WTP BUILDING. FEED PUMP CONTROL TO BE SLAVED TO WELL PUMP OPERATION AND INSTALL TWO LMI A7 SERIES (A741-81351) (12 GPD) SODIUM HYDROXIDE FEED PUMPS IN PROTECTIVE METERING PUMP CONTAINMENT ENCLOSURE AND EXTEND 1/4" O.D. PTFE TERLON FEED TUBING AND 2" SCH 80 PVC CASING/CONTAINMENT PIPING TO INJECTION POINT LOCATED OUTSIDE 15,000 GALLON GROUND STORAGE TANK

CONTRACTOR TO INSTALL 2" SCH 80 PVC CASING PIPE THROUGH THE PROPOSED STEEL REINFORCED CONCRETE SUPPORT SLAB AND EXTEND 4" MINIMUM ABOVE FLOOR OF THE CONTAINMENT SHED

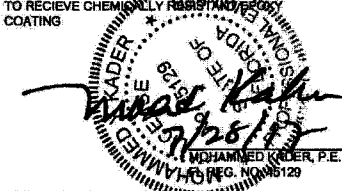
EXISTING GRADE.

CONTRACTOR TO INSTALL 45° BENDS IN LIEU OF 90°S WHEREVER POSSIBLE

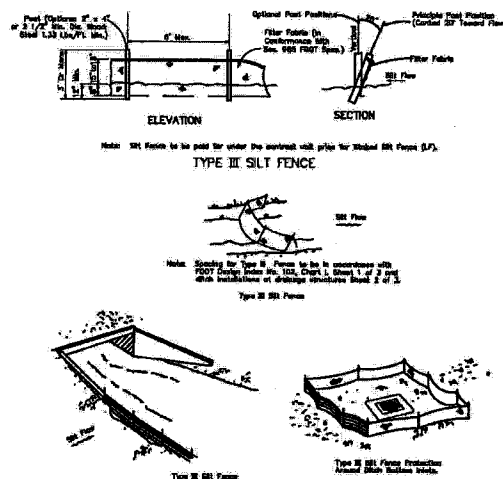
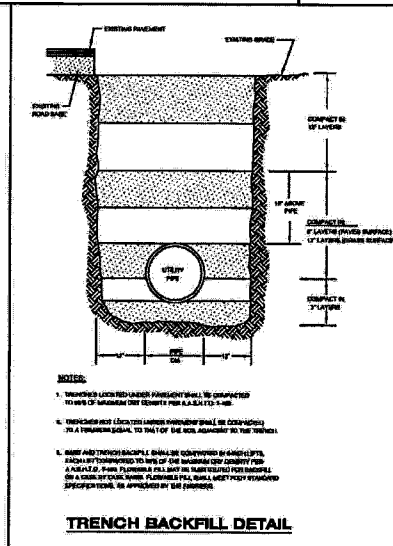
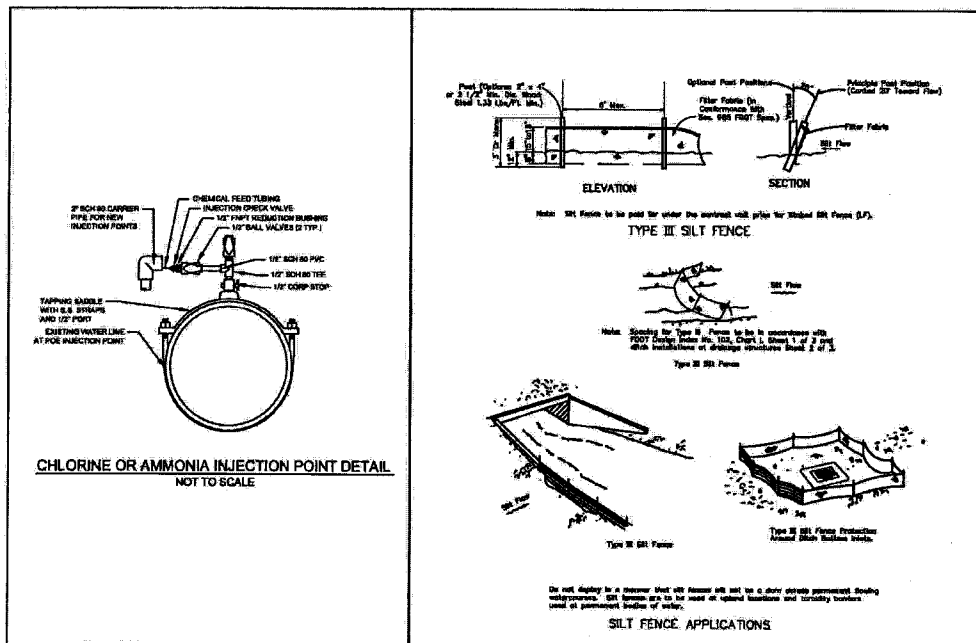
CONTRACTOR TO INSTALL THE SCH 80 2" PVC CASING PIPE AND 1/2" O.D. PTFE (TEFLON) FEED TUBING 24" MINIMUM BELOW GRADE TO WTP, FASTENED TO OUTER TANK WALL, AND INTO TANK ABOVE LINER WITH FEED TUBING EXTENDED TO THE PROPOSED INJECTION POINT ON GROUND STORAGE TANK

(50%) CAUSTIC FEED SYSTEM DETAIL
NOT TO SCALE

6" THICK WIRE MESH REINFORCED CONCRETE SUPPORT SLAB AND MASONRY SURFACES TO RESIST CHEMICALLY AGGRESSIVE COATING

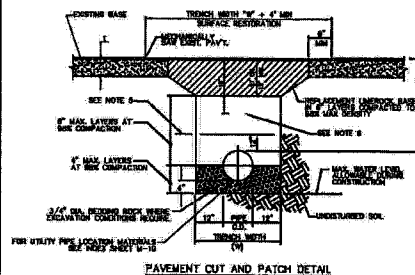


ENGINEERING	
Project No.	12815
Sheet No.	11
Scale	AS SHOWN
Author	M. KADER
Checker	M. KADER
Engineer	M. KADER
HCWW - LAKE JOSEPHINE WTP HYDROGEN SULFIDE REMOVAL SYSTEM CHEMICAL FEED SYSTEM DETAILS 2 HIGHLANDS COUNTY, FLORIDA	
4500 CROSS BAYOU BOULEVARD NEW PORT RICHEY, FL 34652 (727) 846-6882 FAX (727) 846-7701 FL REG. NO. 1774 & FL REG. NO. 4828	
U.S. Water Services Corporation	



Do not display in a manner that will result in a false or misleading impression. See notes.

SILT FENCE APPLICATIONS



NOTES

1. BEFORE SOIL CONVEYANCE CAN BE MAINTAINED AS SHOWN ABOVE, PROVIDE APPROVED METHOD OF CONSTRUCTION.
2. SLOTTING SHALL BE REQUIRED AS DETERMINED IN THE FIELD.
3. NEW SURFACING MATERIALS SHALL BE COMPACTED WITH SHAKING AND SHALL HAVE LAYERS & FEATHERED JOINTS (1/2" MIN. THICK).
4. COMPACTED PERCENTAGES SHOWN REFER TO AASHTO T-99, PROVIDE COMPACTED TEST REPORTS TO CITY ENGINEER.
5. MINIMUM COMPACTED PERCENTAGE SHALL BE 95%.
6. INITIAL METALLIC TAPES OVER FULL LENGTH OF PIPE.
7. SLOTTING (1/2" OF) 100% FULL-LENGTH CONCRETE MAY BE SUBSTITUTED FOR LAMBRON UPON APPROVAL BY CITY ENGINEER.

GENERAL CONSTRUCTION NOTES:

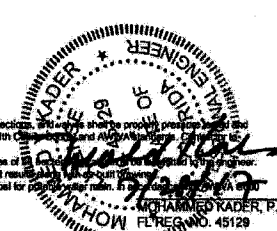
1. All elevations shown herein are based on an assumed elevation.
2. All design and construction shall conform to the minimum standards set forth by FDEP, FOOT and Highlands County.
3. Locations, elevations and dimensions of existing utilities, structures and other features are shown according to the best information available at time of preparation of these plans. The contractor shall verify the locations, elevations, and dimensions of all existing utilities, structures and other features affecting the work prior to construction.
4. The contractor shall check plans for conflicts and discrepancies prior to performing any work in the affected area.
5. The contractor is responsible for repairing any damage to existing facilities, above or below ground, that may occur as a result of the work performed by the contractor called for in this contract.
6. All underground utilities must be in place and tested or inspected prior to road base and subbase construction.
7. It is the contractor's responsibility to become familiar with the permit and inspection requirements specified by the various governmental agencies and the engineer. The contractor shall obtain all necessary permits prior to construction and schedule inspection according to agency instructions.
8. All work performed shall comply with the regulations and ordinances of the various governmental agencies having jurisdiction over the work.
9. Contractor shall submit shop drawings on all precast and manufactured items to the engineer for approval. Failure to obtain approval before installation may result in removal and replacement at contractor's expense.
10. All water lines and sanitary lines are to be PVC unless otherwise noted.
11. All sidewalks to be a minimum of 3,000 psi concrete and 4" thick and shall be reinforced with 1.4 x 1.4 W.W.M.
12. Signs and barricades to be according to FDOT manual of safe practices; reference FDOT indexes 600 thru 650 and 17349 per roadway and traffic design standards latest edition.
13. It is the responsibility of the contractor to establish in the field right-of-way lines, benchmarks (ELEV.), coordinates, center lines and stationing as required to construct the project.
14. All pipes to be constructed with 2' minimum cover unless otherwise noted on the plans.
15. All rocks or stones larger than 6" in diameter shall be removed from the backfill material. Backfill material placed within 1-foot of piping and appurtenances shall not contain any stones larger than 2" in diameter.
16. All workmanship and materials used in the construction of this project shall conform to FDOT's Standard specifications for roadwork and bridge construction and the latest Florida county standards, unless otherwise indicated.
17. The contractor shall notify the appropriate public agency(ies) prior to commencing work within their jurisdiction.
18. All pipe lengths are approximate. Pipe measurements are to center of structures or fittings. Pipe measurements for straight sections and sections are to end of pipe.
19. All concrete work shall have a minimum ultimate compressive strength of 3,000 psi (28 day strength), unless otherwise indicated.

WATER SYSTEM NOTES

1. All water system chemicals and materials shall be NSF approved for use with potable water.
 2. All potable water system work shall conform with AWWA standards and specifications.
 3. All fittings 2" and smaller shall be schedule 80 PVC with solvent welded sleeve type joints.
 4. All proposed work shall be in accordance with FDEP, and local regulating agencies.
 5. A vertical clearance of 18 inches shall be maintained between sanitary sewers and water mains. If clearances cannot be achieved by adjusting water mains, the sanitary sewer shall be constructed of pressure class 350 ductile iron pipe for no less than 10 feet on each side of the conflict point. As an alternative the sanitary sewer may be placed in a sleeve or encased in concrete for the required 10 feet on each side of the conflict point.
 6. A lateral separation of 10 feet shall be maintained between water mains and sanitary sewer.
 7. All water mains shall have a minimum of 24 inches of cover.
 8. All water system work shall conform with Collier County standards and specifications.
 9. Conflicts between water and storm or sanitary sewer to be resolved by adjusting the water lines as necessary.
 10. All on-site PVC water mains 4" and above shall be in accordance with AWWA C-900. Pipe shall be class 150 DR 15.
 11. All PVC water mains 1 1/2" through 3" shall be class 200 and meet the requirements of SDR 21 in accordance with ASTM D-2241.
 12. All water mains, chemical feed lines and carrier piping smaller than 1 1/2" shall be schedule 80 PVC.
 13. All ductile iron pipe shall be pressure class 350 in accordance with ANSI A21.50 (AWWA C150), and ANSI A21.31 (AWWA C104), and pipe shall receive exterior bituminous coating in accordance with ANSI A21.4 (AWWA C104-71). Interior of the ductile iron pipe shall be cement lined and bituminous coated.
 14. All fittings larger than 2" shall be ductile iron pressure class 350 in accordance with AWWA C-110 with a pressure rating of 350 PSI. Joints shall be mechanical joints in accordance with AWWA C-111. Fittings shall be cement mortar lined and coated in accordance with fittings AWWA C-104. All fittings shall be restrained using MEGALUG or approved equal.
 15. All fittings 2" and smaller shall be schedule 80 PVC with solvent welded sleeve type joints.
 16. Contractor to install temporary blow offs at the end of the water service laterals to buildings to assure adequate flushing and disinfecting.
 17. Restraint joints shall be provided at all fittings and hydrants as shown on the details.
 18. Points of connection of the external water lines are to coincide with the building plumbing as shown on the building plumbing plans. Connection locations shown on these plans are approximate. It is the contractors responsibility to coordinate the exact connection point.
 19. All PVC water mains shall have a suitable magnetic locator buried approximately one foot below grade over the force main. The tape shall be continuous between valves, and secured to each valve. The tape shall be at least 5 1/2 mils thick, 2 inches minimum width and made of aluminum material sandwiched between 2 layers of polyethylene. It shall be imprinted in permanent black ink with 1 inch letters, "CAUTION, WATER LINE BURIED BELOW", on blue background.
 20. All water valves to be located in gray areas.
 21. All ductile iron pipe and fittings to be poly wrapped.
 22. Contractor shall verify location of water service at each building prior to construction of service line.
 23. All water system components and materials that are to come into contact with the potable water shall meet or exceed all NSF requirements.
 24. All new or altered water mains are to be pressure and leakage tested in accordance with AWWA Standard C900-C905 before being placed into service.
 25. All new or altered treatment and distribution facilities are to be disinfected and bacteriologically tested in accordance with AWWA Standard C651-C654.
 26. All new or altered above ground piping at drinking water treatment plants shall be color coded according to the following:
- | Description | Color |
|----------------------|-------------|
| Raw Water | Dark Green |
| Settled or Clarified | Light Green |
| Finished or Potable | Dark Blue |
| Ammonium Sulfate | White |
| Sodium Hypochlorite | Yellow |

TESTING AND INSPECTION REQUIREMENTS

1. All components of the water system, including fittings, hydrants, connections, shall be tested and inspected and accepted by the engineer. Pressure tests to be done in accordance with the specifications of the engineer. The contractor shall notify the engineer 48 hours in advance of performing tests.
2. Contractor to perform chlorination and bacteriological sampling. Copies of test results shall be submitted to the engineer. Locations of chlorination and sampling points to be submitted with test results.
3. Minimum pressure for the hydrostatic and leakage tests shall be 150 psi for pipe and 100 psi for fittings. Tests shall be for a minimum of 2 hours.

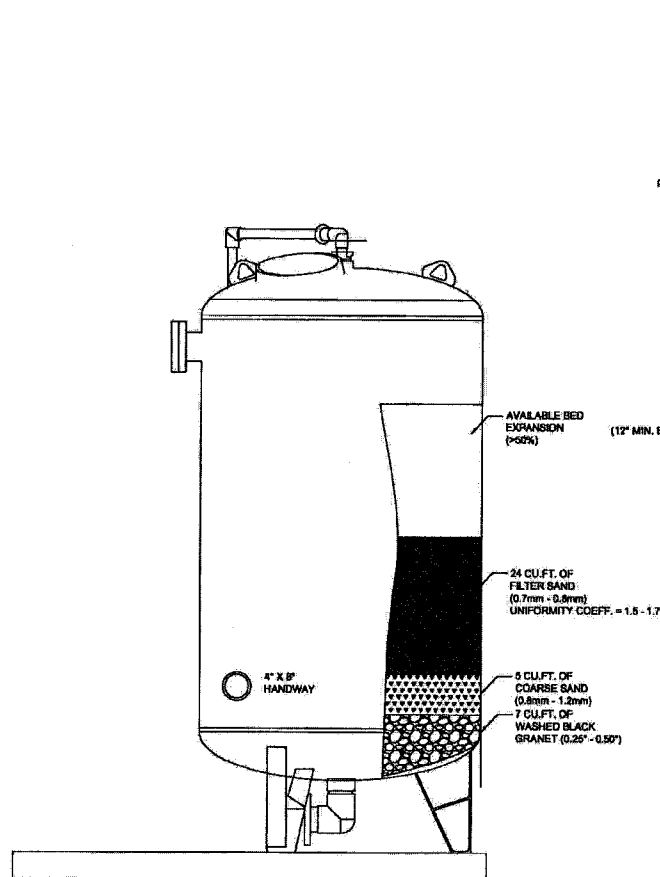


**HCWM - LAKE JOSEPHINE WTP
HYDROGEN SULFIDE REMOVAL SYSTEM
CONSTRUCTION DETAILS 1
HIGHLANDS COUNTY, FLORIDA**

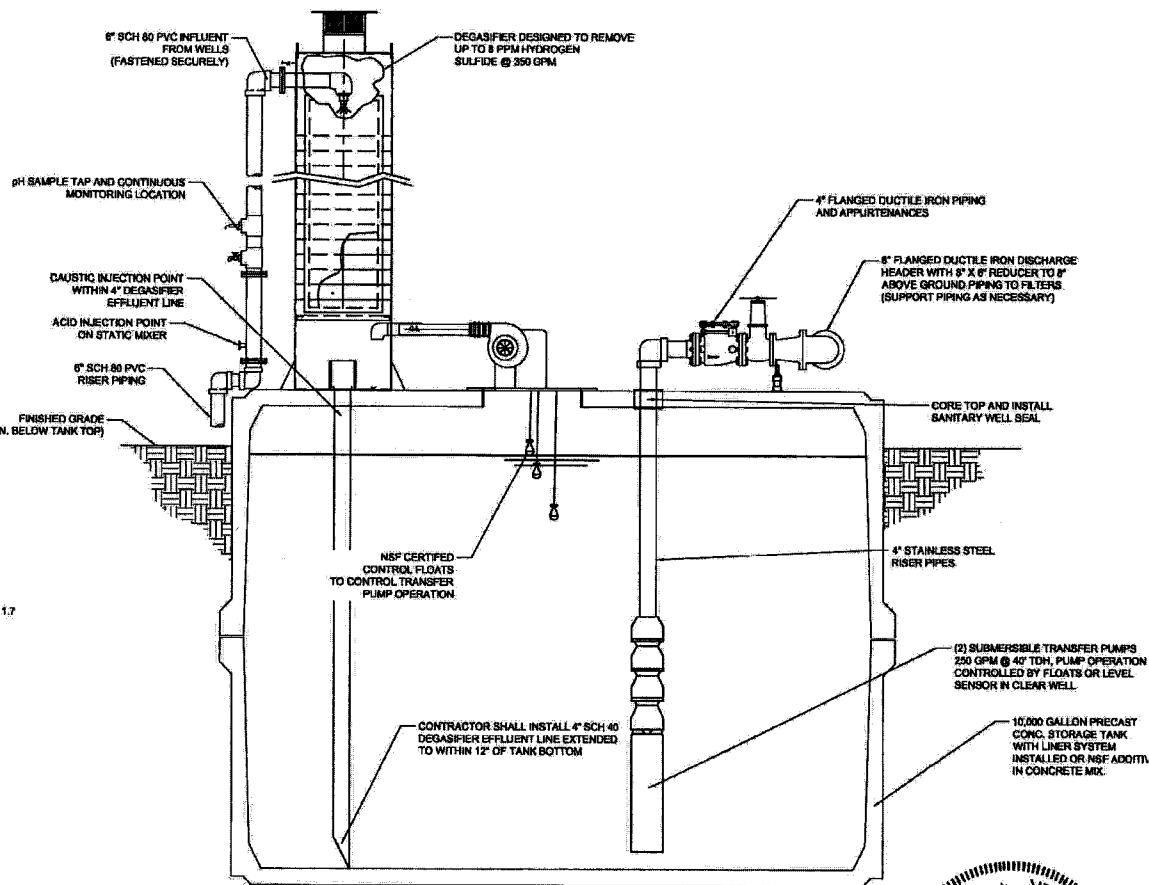
4820 CROSS BAYOU BOULEVARD
NEW PORT RICHEY, FL 34653
(727) 844-7701
FL. COA NO. 1754 & FL. REG. NO. 6928

U.S. Water Services Corporation

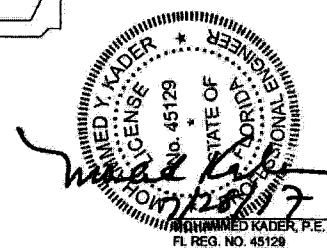
11



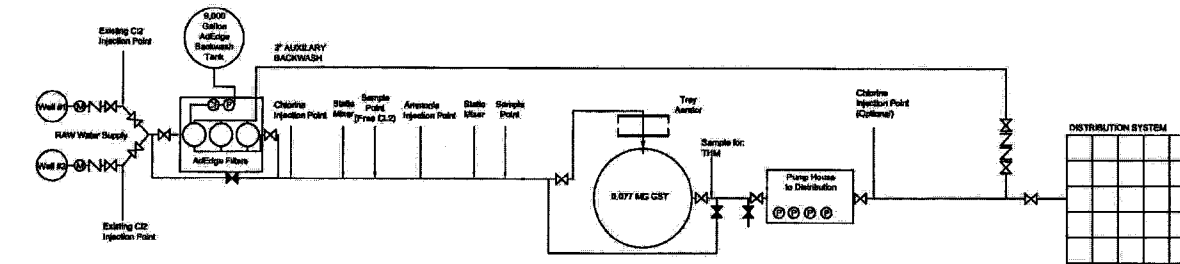
PROPOSED FILTER MEDIA DETAIL
NOT TO SCALE



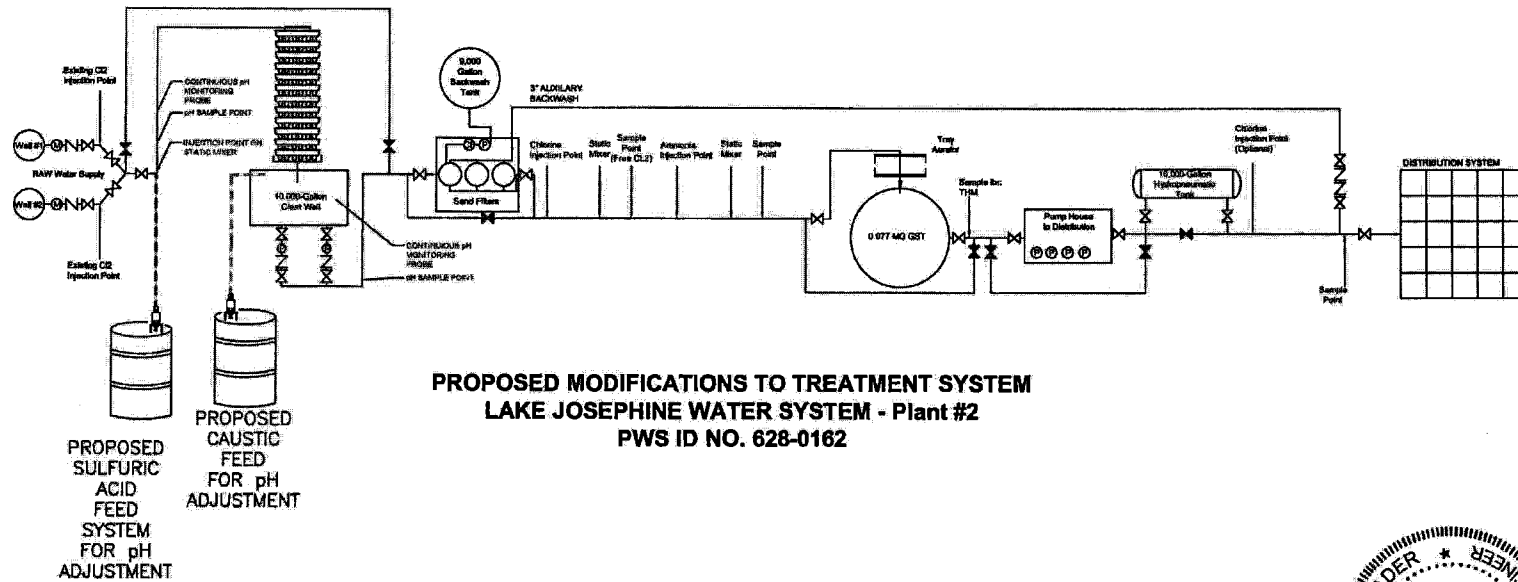
PROPOSED STORAGE TANK AND DEGASIFIER DETAIL
NOT TO SCALE



**EXISTING TREATMENT SYSTEM
LAKE JOSEPHINE WATER SYSTEM - Plant #2
PWS ID NO. 628-0162**



LEGEND:
EXISTING =
PROPOSED =



**PROPOSED MODIFICATIONS TO TREATMENT SYSTEM
LAKE JOSEPHINE WATER SYSTEM - Plant #2
PWS ID NO. 628-0162**

MOHAMMED KADER, P.E.
FL REG. NO. 45129



Florida Department of Environmental Protection

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@dep.state.fl.us

Noah Valenstein
Secretary

**In the matter of an
Application for Permit by:**

Permittee:
HC Waterworks, Inc.
Gary Deremer, President
4939 Cross Bayou Blvd
New Port Richey, FL 34652
Emailed to: gderemer@uswatercorp.net

DEP File No: 356321-001-WC
County: Highlands
Project Name: HC Waterworks, Inc. – Lake
Josephine WTP – Hydrogen
Sulfide Removal System
PWS ID: 6280162

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number 356321-001-WC to construct modification to the existing water treatment plant, issued pursuant to Section 403.861(9), Florida Statutes.

This permit is final and effective on the date filed with the clerk of the Department unless a petition is filed in accordance with the paragraphs below or unless a request for extension of time in which to file a petition is filed within the required timeframe and conforms to Rule 62-110.106(4), F.A.C. Upon timely filing of a petition or a request for an extension, this permit will not be effective until further Order of the Department.

A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) with the Agency Clerk for the Department of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, within 14 days of receipt of this Notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-106.205, F.A.C.

A petition must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of how and when the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts which petitioner contends warrant reversal or modification of the Department's action;
- (f) A statement of the specific rules or statutes the petitioner contends requires reversal or modification of the Department's action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by petitioner, stating precisely the action that the petitioner wants the Department to take.

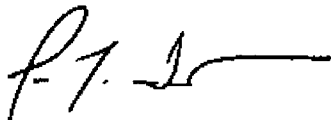
A petition that does not dispute the materials facts on which the Department's action is based shall state that no such facts are in dispute and otherwise contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any such final decision of the Department on the petition have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to section 120.68 of the Florida Statutes, by filing a Notice of Appeal pursuant to Rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when the final order is filed with the Clerk of the Department.

Executed in Fort Myers, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jon M. Iglehart
Director of District Management

Enclosure: Permit

CERTIFICATION OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Permit Issuance and all copies were mailed/electronically transmitted before the close of business on September 25, 2017 to those persons listed.

FILING AND ACKNOWLEDGMENT

FILED, on this date, under Section 120.52, Florida Statutes, with the designated Deputy Clerk, receipt of which is hereby acknowledged.



Clerk

September 25, 2017
Date

JMI/MM/OJO/

Copies Furnished to:
Mohammed Y. Kader, P.E. mkader@uswatercorp.net
Keith Keegan, P.E. kkeegan@uswatercorp.net



Florida Department of Environmental Protection

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@dep.state.fl.us

Permittee:

HC Waterworks, Inc.
Gary Deremer, President
4939 Cross Bayou Blvd
New Port Richey, FL 34652
Emailed to: gderemer@uswatercorp.net

PWS ID: 6280162
Permit Number: 356321-001-WC
Issue Date: September 25, 2017
Expiration Date: September 24, 2022
County: Highlands
Project Name: HC Waterworks, Inc. – Lake Josephine WTP – Hydrogen Sulfide Removal System
Water Supplier: Lake Josephine/Sebring Lake WTP

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-550, 62-555, and 62-699. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TO CONSTRUCT: Modification to the existing 300,000 GPD water treatment plant by the addition of a packed tower aeration system for removal of hydrogen Sulfide with associated acid and caustic feed systems for pH adjustment.

PROPOSED CONSTRUCTION INCLUDES:

1. A De Loach packed tower aeration system/forced draft degasification tower sized for a flow of 85 gpm for the removal of hydrogen sulfide.
2. Installation of sulfuric acid chemical feed system for pH adjustment including a 500 gallon double wall containment storage tank and a day tank.
3. Installation of caustic (sodium hydroxide) chemical feed system for pH adjustment including a 200 gallon double wall storage tank and a day tank.
4. Installation of 10,000 gallon precast concrete ground storage tank with two (2) submersible transfer pump with a capacity of 250 gpm at TDH of 40 feet each.
5. Installation of 10,000 gallon hydropneumatics (pressure) tank.
6. All associated piping and injection points.

IN ACCORDANCE WITH: U.S. Water Service Corporation design drawings, sheets 1 thru 11, dated July 28, 2017, and received July 31, 2017, along with related design report, and technical specifications dated August 25, 2017, and in accordance with conditions of this permit. The design drawings and related documentations were submitted in support of the construction application. The application was dated July 28, 2017, revised and received on September 20, 2017.

LOCATION: The project is located at 1949 Canary Way, Sebring, Highlands County, Florida.

Work must be conducted in accordance with the General and Specific Conditions, attached hereto.

GENERAL CONDITIONS:

The following General Conditions are referenced in Florida Administrative Code Rule 62-4.160.

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
 - a. Have access to and copy any records that must be kept under conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - c. Sample or monitor any substances or parameters at any location reasonable necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
 - a. A description of and cause of noncompliance; and

- b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages, which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.
9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Section 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.
11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300 F.A.C., as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - a. Determination of Best Available Control Technology (BACT)
 - b. Determination of Prevention of Significant Deterioration (PSD)
 - c. Certification of compliance with state Water Quality Standards (Section 401, PL 92-500)
 - d. Compliance with New Source Performance Standards
14. The permittee shall comply with the following:
 - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - c. Records of monitoring information shall include:
 1. the date, exact place, and time of sampling or measurements;
 2. the person responsible for performing the sampling or measurements;
 3. the dates analyses were performed;
 4. the person responsible for performing the analyses;
 5. the analytical techniques or methods used;
 6. the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law, which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS:

1. The Permittee shall retain service a Florida-licensed professional engineer in accordance with subsection **62-555.530(3), F.A.C.**, to take responsible charge of inspecting construction of the project for the purpose of determining in general if the construction proceeds in compliance with the permit, including the approved preliminary design report or drawings and specifications for the project.
2. The Permittee shall have complete record drawings produced for the project in accordance with subsection **62-555.530(4), F.A.C.**
3. The Permittee shall provide an operation and maintenance manual for all new or altered facilities to fulfill the requirements under subsection **62-555.350(13), F.A.C.**
4. The Permittee shall submit a certification of construction completion to the Department and obtain approval or clearance, from the Department per **Rule 62-555.345, F.A.C.**, before placing any public water system components constructed or altered under this permit in operation for any purpose other than disinfection, testing for leaks, or testing equipment operation. This does not prohibit the Permittee from cutting into existing water mains, and returning the water mains to operation in accordance with subsection **62-555.340(5), F.A.C.**, without the Department's approval.
5. Chemicals that are contained in coatings that are applied to a surface in contact with drinking water, or are otherwise on equipment surfaces that come into contact with the water, and additives and chemicals used to treat water shall conform to American National Standards Institute (ANSI)/NSF International Standard 60-1988. Water system components whose surfaces come into contact with drinking water shall conform to ANSI/NSF Standard 61-1991. The authorized representative of the public water system shall certify in writing that each item conforms to the appropriate standard prior to release for operation. **[Rules 62-555.320(3) (a), 62-555.320(3)(b) and 62-555.320(3)(d), F.A.C.]**
6. The installation or repair of any public water system, or any plumbing in residential or nonresidential facility providing water for human consumption, which is connected to a public water system, shall be lead free. **[Rule 62-555.322(1), F.A.C.]**
7. The permittee must instruct the engineer of record to request system clearance from the Department within sixty (60) days of completion of construction, testing and disinfecting the system. Bacteriological test results shall be considered unacceptable if the test were completed more than 60 days before the Department received the results. **[Rule 62-555.340(2) (c) F.A.C.]**

Permitted construction or alteration of a public water system may not be placed into service until a letter of clearance has been issued by this Department. **[Rule 62-555.345, F.A.C.]**

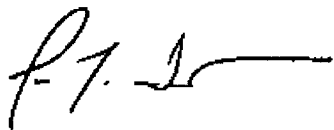
8. Prior to placing this project into service, Permittee shall submit, at a minimum, all of the following to the Department for evaluation and approval for operation, as provided in **Rules 62-555.340 and 62-555.345, F.A.C.:**
 - a. The Certification of Construction Completion and Request for Clearance to Place Permitted PWS Components Into Operation {DEP Form 62-555.900(9)}
 - b. Certified record drawings, if there are any changes noted for the permitted project.

- c. Copy of a satisfactory pressure test of the process piping performed in accordance with AWWA Standards. [Rule 62-555.320(21) (a) (1), F.A.C.]
- d. Two consecutive days of satisfactory distribution bacteriological analytical results.

In order to facilitate the issuance of a letter of clearance, the Department requests that all of the above information be submitted as one package.

- 9. The facility has been classified as a Category V, Class C water treatment plant. Accordingly, the lead or chief operator must be Class C or higher. Proof of staffing by a Class C or higher: 5 visits/week and one visit each weekend for a total of 0.6 hour/week. F.A.C. Rule 62-699.310(2)(e)5.
- 10. The water treatment plant shall maintain throughout the distribution system a minimum combined chlorine residual of 0.6 mg/l or its equivalent. A minimum system pressure of 20 psi must be maintained throughout the system. Also, safety equipment shall be provided and located outside of chlorine room.
- 11. The permittee shall submit a monthly operations report (MOR) DEP Form 62-555.900(2), to the Department no later than the tenth of each succeeding month.
- 12. Permittee shall follow the guidelines of Chapters 62-550, 62-555, and 62-560, F.A.C., regarding public drinking water system standards, monitoring, reporting, permitting, construction, and operation.
- 13. This facility is a Community Water System as defined in F.A.C. Rule 62-550.200(17) and shall comply with the applicable chemical, radiological, lead and copper, and bacteriological monitoring requirements of F.A.C. Chapter 62-550. Such requirements shall be initiated within the quarter that the modification of the water treatment facility is implemented and the results submitted to the Department.
- 14. The permittee shall provide an operation and maintenance manual for the new or altered treatment facilities to fulfill the requirements under subsection 62-555.350(13), F.A.C. The manual shall contain operation and control procedures, and preventative maintenance and repair procedures, for all plant equipment and shall be made available for reference at the plant or at a convenient location near the plant. Bound and indexed equipment manufacturer manuals shall be considered sufficient to meet the requirements of the subsection.
- 15. Day tanks shall be constructed in accordance with Sections 5.1.10 and 5.1.11 in Recommended Standards for Water Works as incorporated into Rule 62-555.330, F.A.C.
- 16. The permittee or suppliers of water shall telephone the State Warning Point (SWP), at 1-800-320-0519 immediately (i.e. within two hours) after discovery of any actual or suspected sabotage or security breach, or any suspicious incident, involving a public water system in accordance with the F.A.C. Rule 62-555.350(10).

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jon M. Iglehart
Director of
District Management



Florida Department of Environmental Protection

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@dep.state.fl.us

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

January 18, 2018

Gary Deremer
4939 Cross Bayou Blvd.
New Port Richey, FL 34652
gderemer@uswatercorp.net

Re: Compliance Assistance Offer
Leisure Lakes
PWS I.D. Number: 6280064
Highlands County – PW

Dear Mr. Deremer:

A Sanitary Survey was conducted at your facility on 11/21/2017. During this inspection, potential non-compliance was noted. The purpose of this letter is to offer compliance assistance as a means of resolving these matters.

Specifically, potential non-compliance with the requirements of Chapter 403, Florida Statutes, and Chapters 62.555 Florida Administrative Code, were observed. Please see the attached inspection report for a full account of Department observations and recommendations.

We request you review the items of concern noted and respond in writing within **15 days** of receipt of this Compliance Assistance Offer. Your written response should include one of the following:

1. Describe what has been done to resolve the non-compliance issue or provide a schedule describing how/when the issues will be addressed (please see the Summary of Deficiencies and Recommendations For Technical Assistance as well as the Recommendations on page 4 of the inspection report under additional comments).
2. Provide the requested information, or information that mitigates the concerns or demonstrates them to be invalid, or
3. Arrange for the case manager to visit your facility to discuss the items of concern.

It is the Department's desire that you are able adequately address the aforementioned issues so that this matter can be closed. Your failure to respond promptly may result in the initiation of formal enforcement proceedings.

Please address your response and any questions to Andrew Price of the South District Office at 239-344-5621 or via e-mail at andrew.price@dep.state.fl.us. We look forward to your cooperation with this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Jennifer L. Carpenter". The signature is fluid and cursive, with the first name "Jennifer" being more prominent.

Jennifer Carpenter
Assistant Director
South District
Florida Department of Environmental Protection

Enclosure: Inspection Report

cc: Ron DeRossett, Facility Contact rderossett@uswatercorp.net
Dustin Williams, Operator dwilliams@uswatercorp.net

South District Public Water System Sanitary Survey Inspection Report

Water system: Leisure Lakes		System PWS #: 6280064		Survey date: 11/21/2017	
Facility type class: 5D			Source type: Ground		4-Log approved: N
Facility address: End of Hillcrest Street, Lake Placid FL 33852					
Facility phone(s): (904) 540-9765			Facility email/fax:		
Facility contact: Ron DeRossett			Facility contact phone(s): (727) 848-8292		
Facility contact email/fax: RDeRossett@uswatercorp.net					
Owner name: Gary Deremer			Company name: U.S. Water/ HC Waterworks, Inc.		
Owner/Corp address: 4939 Cross Bayou Blvd			City: New Port Richey		State: FL Zip: 34652
Owner/Corp phone(s): (727) 848-8292			Owner e-contact(s): gderemer@uswatercorp.net		
Operator name: Dustin Williams			Certification: Class C #22520		
Operator phone(s): (727) 812-1610			Operator email/fax: dwilliams@uswatercorp.net		
On-site Rep: Dustin Williams		Immediate Action Required?: N		Inspection recap given? N	

Food Service: ☐ Yes ☐ No ☒ N/A

GENERAL INFORMATION

Number of Service Connections	276
Population Served	632
Plant Design Capacity	72,000
Average Day (from MORs)	27,700
Max. Day (from MORs)	80,500
Total Storage Capacity	50,000
Comments	

LOCATION

Latitude 27° 21' 05.9802" North
Longitude 81° 24' 52.3295" West
GPS: DPHO Date: 05/04/2006
Directions The end of Hillcrest Street

OPERATION & MAINTENANCE

Certified Operator: ☒ Yes ☐ No ☐ Not required
Plant visits conducted by: Dustin Williams
O&M Log: ☒ Yes ☐ No O&M Manual: ☒ Yes ☐ No
Visitation Frequency
Hrs/day: Required _____ Actual _____
Hrs/wk: Required 0.3 Actual _____
Days/wk: Required 3 Actual _____
Non-consecutive Days? ☒ Yes ☐ No ☐ N/A
MORs submitted regularly? ☒ Yes ☐ No ☐ N/A
Data missing from MORs? ☒ No ☐ Yes ☐ N/A

RAW WATER SOURCE

- ☒ GROUND; Number of Wells 2
☐ SURFACE/UDI; Source _____
☐ PURCHASED from PWS ID # _____
☐ Emergency Water Source _____
 Emergency Water Capacity _____

AUXILIARY POWER SOURCE

☒ Yes ☐ None ☐ Not Required
 Source _____ Generator _____
 Capacity of Standby (kW) _____ UNK
 Switchover: ☐ Automatic ☐ Manual
 Standby Plan: ☐ Yes ☐ No
 Hrs Operated Under Load _____ UNK
 What equipment does it operate?
☐ Well pumps _____
☐ High Service Pumps _____
☐ Treatment Equipment _____
 Satisfy 1/2 max-day demand? ☐ Yes ☐ No ☒ Unk
 Comments _____

TREATMENT PROCESSES IN USE

Hypo chlorination

Aeration

Is additional treatment needed? ☐ Yes ☒ No

If so, for control of what deficiencies?

DISTRIBUTION SYSTEM

Flow Measuring Device _____ UNK
Meter Size & Type _____ UNK
Meter tested w/ 5 yrs? ☐ Yes ☐ No ☒ Unk ☐ N/A
Backflow Prevention : ☒ Yes ☐ No
Cross-connections _____
Cross-connection Control Program: ☐ Yes ☐ No ☐ N/A
Coliform Sampling Plan: ☒ Yes ☐ No
Stage 2 DBPs Sampling Plan: ☒ Yes ☐ No ☐ N/A
Lead & Copper Sampling Plan: ☒ Yes ☐ No ☐ N/A
Comments _____

PWS ID # 6280064
 Survey Date 11/21/2017

GROUND WATER SOURCE

Well Number (PWS Identification)		1	2	
Well Name (System Identification)		# 1 Inside Well	# 2 Outside Well	
Year Drilled		1974	1975	
Depth Drilled		1,520	590	
Florida Well ID		AAH9357	AAH9358	
Static Water Level		UNK	UNK	
Normal Yield (if different than rated capacity)		UNK	UNK	
Length (outside casing)		485	492	
Diameter (outside casing)		8"	4"	
Material (outside casing)		UNK	UNK	
Is inundation of well possible?		UNK	UNK	
6' X 6' X 4" Concrete Pad		Y	Y	
PUMP	Type	Vert Turbine	Submersible	
	Manufacturer Name	UNK	UNK	
	Model Number	UNK	UNK	
	Rated Capacity (gpm)	200	50	
	Motor Horsepower	UNK	UNK	
Well casing 12" above grade?		Y	Y	
Well Casing Sanitary Seal		Y	Y	
Raw Water Sampling Tap		Y	Y	
Above Ground Check Valve		Y	Y	
Fence/Housing		Y	Y	
Well Vent Protection		Y	Y	

COMMENTS _____

CHLORINATION (Disinfection)

Type: Sodium hypochlorite
 Make UNK Capacity UNK
 Chlorine Feed Rate 20 GPD
 Avg. Amount of Cl₂ gas used _____ N/A
 Chlorine Residuals: Plant 4.2 Remote _____
 Remote tap location: Sample not taken
 DPD Test Kit: ☒ On-site ☒ With operator
 ☐ None ☐ Not Used Daily
 Injection Points UNK
 Comments _____

AERATION (Gases, Fe, & Mn Removal)

Type _____ Capacity _____
 Aerator Condition _____
 Bloodworm Presence _____
 Visible Algae Growth _____
 Protective Screen Condition _____
 Comments system uses adedge filters to remove
hydrogen sulfides.

STORAGE FACILITIES

(B) Bladder (CW) Clearwell (C) Contact (E) Elevated
(G) Ground (H) Hydropneumatic (S.C.) See Comments

Tank Type/Number	GST2		
Capacity (gal)	50,000		
Material	Steel		
By-pass Piping	Y		
Gravity Drain	Y		
PRV/ARV	Y		
Protected Openings	Y		
Pressure Gauge	Y		
Sight Glass or Level Indicator	Y		
Fittings for Sight Glass	Y		
Access Padlocked	Y		
Last Inspection Date (for tanks with access manholes)	N/A		
On/Off Pressure	40/60		
Height to Bottom of Elevated Tank	UNK		
Height to Max. Water Level	UNK		

Comments _____

HIGH SERVICE PUMPS

Pump Number	1	2	
Type	Centrifugal	Centrifugal	
Make	UNK	UNK	
Model	UNK	UNK	
Capacity (gpm)	20	20	
Motor HP	15	15	
Date Installed	UNK	UNK	
Maintenance	UNK	UNK	

Comments

PWS ID # 6280064
Survey Date 11/21/2017

MONITORING VIOLATIONS	MCL VIOLATIONS
N/A	N/A

MONITORING COMMENTS:

N/A

DEFICIENCIES:

#	Deficiency	Rule Reference	Corrective Action	Severity	Corrected
1	Department received multiple odor and color complaints	Rule 62-555.350(2), Florida Administrative Code F.A.C.	The Department has received multiple complaints regarding occurrences of color and odor within the potable water. Please describe, in detail, what actions the facility has taken to resolve the color and odor complaints within the potable water. If the corrective actions entail system modifications, please provide a detailed timetable for the corrective actions to be completed.		

Any deficiency marked with an asterisk (*) is a repeat violation.

ADDITIONAL COMMENTS:

Inspector: Andrew Price

Andrew L Price

Approved by: *[Signature]*



Water and Wastewater Utility Operations, Maintenance, Engineering, Management, Construction

September 26, 2019

Mr. O. James Oni, P.E., Manager
Drinking Water Permitting Section
Florida Department of Environmental Protection
2295 Victoria Avenue, Suite 364
Fort Myers, FL 33902

RE: HC Waterworks, Inc. – Leisure Lakes WTP Modification
Certificate of Construction Completion Form
"FINAL CLEARANCE REQUEST"
PWS ID Number 628-0064, Permit No. 349439-002-WC and
Permit No. 349439-003-WC

Dear Mr. Oni:

Please find attached the Final Clearance Certificate of Completion of Construction DEP Form 62-555.900(9) for this project.

If you have any questions or comments regarding this project, please do not hesitate to contact me at (727) 243-5875.

Sincerely

A handwritten signature in black ink, appearing to read "Mo Kader", is written over the word "Sincerely".

Mo Kader, P.E.
U.S. Water Services Corporation

MK/mk
Attachments
cc: Gary Derermer, HC Waterworks, Inc.

4939 Cross Bayou Blvd. ≈ New Port Richey ≈ Florida 34652

Ph: 727-848-8292 ≈ Fax: 727-848-7701 ≈ Toll Free: 866-753-8292



CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

See page 5 for instructions.

I. General Project Information

A. Name of Project: HC Waterworks, Inc. - Leisure Lakes WTP Hydrogen Sulfide Removal System (FINAL)

B. Department of Environmental Protection (DEP) Construction Permit

Permit Number: 349439-002-WC

Date Permit Was Issued: 01/18/2018

C. Portion of Project for Which Construction Is Substantially Complete and for Which Clearance Is Requested

☒ Entire Project

☐ Following Portion of Project: _____

D. Permittee

PWS/Company Name: Hc Waterworks, Inc.

PWS Identification Number: * 6280064

PWS Type: * ☒ Community ☐ Non-Transient Non-Community ☐ Transient Non-Community ☐ Consecutive

Contact Person: Gary Deremer

Contact Person's Title: President

Contact Person's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Contact Person's Telephone Number: 7278488292

Contact Person's Fax Number: 7278487701

Contact Person's E-Mail Address: gderemer@uswatercorp.net

* This information is required only if the permittee is a public water system (PWS).

E. Public Water System (PWS) Supplying Water to Project

PWS Name: Hc Waterworks, Inc.

PWS Identification Number: 6280064

PWS Type: ☒ Community ☐ Non-Transient Non-Community ☐ Transient Non-Community ☐ Consecutive

PWS Owner: HC Waterworks, Inc.

Contact Person: Gary Deremer

Contact Person's Title: President

Contact Person's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Contact Person's Telephone Number: 7278488292

Contact Person's Fax Number: 7278487701

Contact Person's E-Mail Address: gderemer@uswatercorp.net

F. Public Water System (PWS) that Will Own Project After It Is Placed into Permanent Operation

PWS Name: Hc Waterworks, Inc.

PWS Identification Number: * 6280064

PWS Type: * ☒ Community ☐ Non-Transient Non-Community ☐ Transient Non-Community ☐ Consecutive

PWS Owner: HC Waterworks, Inc.

Contact Person: Gary Deremer

Contact Person's Title: President

Contact Person's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Contact Person's Telephone Number: 7278488292

Contact Person's Fax Number: 7278487701

Contact Person's E-Mail Address: gderemer@uswatercorp.net

* This information is required only if the owner/operator is an existing PWS.

G. Professional Engineer in Responsible Charge of Inspecting Construction of Project*

Company Name: U.S. Water Services Corporation

Engineer: Mohammed Y. Kader, P.E.

Engineer's Florida License Number: 45129

Engineer's Title: Director of Engineering

Engineer's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Engineer's Telephone Number: 7278488292

Engineer's Fax Number: 7278487701

Engineer's E-Mail Address: mkader@uswatercorp.net

* This information is required if construction of this project is inspected under the responsible charge of a professional engineer licensed in Florida. Whenever a project is designed under the responsible charge of a professional engineer licensed in Florida and is permitted by the Department, construction of the project shall be inspected under the responsible charge of a professional engineer licensed in Florida.



CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

See page 5 for instructions.

I. General Project Information

A. Name of Project: HC Waterworks, Inc. - Leisure Lakes WTP Hydrogen Sulfide Removal System (FINAL)

B. Department of Environmental Protection (DEP) Construction Permit

Permit Number: 349439-003-WC

Date Permit Was Issued: 09/14/2018

C. Portion of Project for Which Construction Is Substantially Complete and for Which Clearance Is Requested

☒ Entire Project

☐ Following Portion of Project: _____

D. Permittee

PWS/Company Name: Hc Waterworks, Inc.

PWS Identification Number: * 6280064

PWS Type: * ☒ Community ☐ Non-Transient Non-Community ☐ Transient Non-Community ☐ Consecutive

Contact Person: Gary Deremer

Contact Person's Title: President

Contact Person's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Contact Person's Telephone Number: 7278488292

Contact Person's Fax Number: 7278487701

Contact Person's E-Mail Address: gderemer@uswatercorp.net

* This information is required only if the permittee is a public water system (PWS).

E. Public Water System (PWS) Supplying Water to Project

PWS Name: Hc Waterworks, Inc.

PWS Identification Number: 6280064

PWS Type: ☒ Community ☐ Non-Transient Non-Community ☐ Transient Non-Community ☐ Consecutive

PWS Owner: HC Waterworks, Inc.

Contact Person: Gary Deremer

Contact Person's Title: President

Contact Person's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Contact Person's Telephone Number: 7278488292

Contact Person's Fax Number: 7278487701

Contact Person's E-Mail Address: gderemer@uswatercorp.net

F. Public Water System (PWS) that Will Own Project After It Is Placed into Permanent Operation

PWS Name: Hc Waterworks, Inc.

PWS Identification Number: * 6280064

PWS Type: * ☒ Community ☐ Non-Transient Non-Community ☐ Transient Non-Community ☐ Consecutive

PWS Owner: HC Waterworks, Inc.

Contact Person: Gary Deremer

Contact Person's Title: President

Contact Person's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Contact Person's Telephone Number: 7278488292

Contact Person's Fax Number: 7278487701

Contact Person's E-Mail Address: gderemer@uswatercorp.net

* This information is required only if the owner/operator is an existing PWS.

G. Professional Engineer in Responsible Charge of Inspecting Construction of Project*

Company Name: U.S. Water Services Corporation

Engineer: Mohammed Y. Kader, P.E.

Engineer's Florida License Number: 45129

Engineer's Title: Director of Engineering

Engineer's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Engineer's Telephone Number: 7278488292

Engineer's Fax Number: 7278487701

Engineer's E-Mail Address: mkader@uswatercorp.net

* This information is required if construction of this project is inspected under the responsible charge of a professional engineer licensed in Florida. Whenever a project is designed under the responsible charge of a professional engineer licensed in Florida and is permitted by the Department, construction of the project shall be inspected under the responsible charge of a professional engineer licensed in Florida.

CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

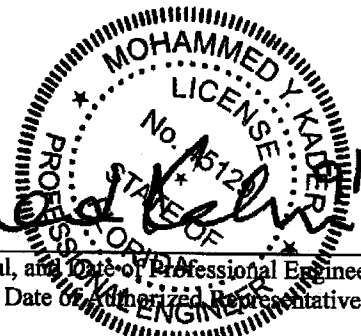
DEP Construction Permit Number: 349439-003-WC

Substantially Complete Portion of Project if Other than Entire Project:

II. Deviations from Department of Environmental Protection (DEP) Construction Permit for Project*

Description and explanation of all deviations from the DEP construction permit, including the approved preliminary design report or drawings and specifications, for the substantially complete portion of this project: None.

I completed Part II of this form, and the information provided in Part II is true and accurate to the best of my knowledge and belief.


Mohammed Y. Kader 126/2019
Signature, Seal, and Date of Professional Engineer or
Signature and Date of Authorized Representative of
Permittee*

Mohammed Y. Kader, P.E.
Printed or Typed Name

45129

License Number of Professional
Engineer or Title of Authorized
Representative of Permittee*

* Whenever a project is designed under the responsible charge of a professional engineer licensed in Florida and is permitted by the Department, construction of the project shall be inspected under the responsible charge of a professional engineer licensed in Florida. If construction of this project is inspected under the responsible charge of a professional engineer licensed in Florida, Part II of this form shall be completed, signed, sealed, and dated by the professional engineer in responsible charge. If this project is not inspected under the responsible charge of a professional engineer licensed in Florida, Part II shall be completed, signed, and dated by an authorized representative of the permittee.

III. Certifications

A. Certification by Permittee

I am duly authorized to sign this form on behalf of the permittee identified in Part I.D of this form. I certify the following:

- to the best of my knowledge and belief, the substantially complete portion of this project is sufficiently complete to be utilized for the purposes for which it is intended;
- to the best of my knowledge and belief, the substantially complete portion of this project has been completed in accordance with the Department of Environmental Protection construction permit, including the approved preliminary design report or drawings and specifications, for this project; or to the best of my knowledge and belief, the deviations described and explained in Part II of this form will not prevent the substantially complete portion of this project from functioning in compliance with Chapters 62-550 and 62-555, F.A.C.;

CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

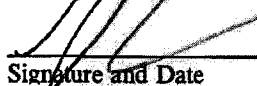
DEP Construction Permit Number: 349439-003-WC

Substantially Complete Portion of Project if Other than Entire Project:

- to the best of my knowledge and belief, all new or altered public water system components that are included in the substantially complete portion of this project and that must be disinfected and bacteriologically surveyed or evaluated per subsection 62-555.315(6), F.A.C., or Rule 62-555.340, F.A.C., have been disinfected and bacteriologically surveyed or evaluated in accordance with said subsection or said rule;
- the permittee has had complete record drawings produced for the substantially complete portion of this project; to the best of my knowledge and belief, said record drawings adequately depict the substantially complete portion of this project as constructed and identify the deviations described and explained in Part II of this form; and said record drawings are available for review at the following location: water treatment plant

- if the substantially complete portion of this project includes any new or altered drinking water treatment facilities, an operation and maintenance manual for said treatment facilities is available for reference at the site of said treatment facilities or at a convenient location near the site of said treatment facilities.

I also certify that, if the permittee will not own this project after it is placed into permanent operation, the permittee has provided a copy of the above mentioned record drawings and a copy of the above mentioned operation and maintenance manual, if applicable, to the PWS that will own this project after it is placed into permanent operation.

 9-26-19
Signature and Date

Gary Deremer
Printed or Typed Name

President
Title

B. Certification by PWS Supplying Water to Project

I am duly authorized to sign this form on behalf of the PWS identified in Part I.E of this form. I certify that said PWS will supply the water necessary to meet the water demands for the substantially complete portion of this project, and I certify the following:

- to the best of my knowledge and belief, said PWS's connection to the substantially complete portion of this project will not cause said PWS to be, or contribute to said PWS being, in noncompliance with Chapter 62-550 or 62-555, F.A.C.;
- said PWS considers the connection(s) between the substantially complete portion of this project and said PWS acceptable as constructed.

 9-26-19
Signature and Date

Gary Deremer
Printed or Typed Name

President
Title

C. Certification by PWS that Will Own Project After It Is Placed into Permanent Operation


I am duly authorized to sign this form on behalf of the PWS identified in Part I.F of this form. I certify that said PWS will own the substantially complete portion of this project after it is placed into permanent operation, and I certify the following:

- said PWS considers the substantially complete portion of this project acceptable as constructed;
- said PWS has received complete record drawings for the substantially complete portion of this project and the record drawings

are available for review at the following location: water treatment plant

- if the substantially complete portion of this project includes any new or altered drinking water treatment facilities, said PWS has received an operation and maintenance manual for the new or altered treatment facilities, and the operation and maintenance manual is available for reference at the site of the new or altered treatment facilities or at a convenient location near the site of the new or altered treatment facilities.

I understand that said PWS must operate and maintain this project in a such a manner as to comply with Chapters 62-550, 62-555, 62-560, and 62-699, F.A.C.

 9-26-15
Signature and Date

Gary Deremer
Printed or Typed Name

President
Title

CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

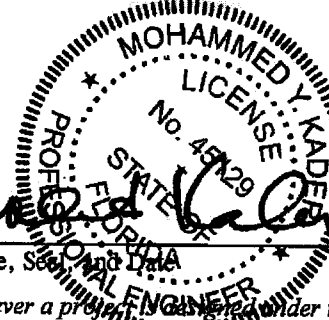
DEP Construction Permit Number: 349439-003-WC

Substantially Complete Portion of Project if Other than Entire Project:

D. Certification by Professional Engineer in Responsible Charge of Inspecting Construction of Project*

I, the undersigned professional engineer licensed in Florida, am in responsible charge of inspecting construction of this project for the purpose of determining in general if the construction proceeds in compliance with the Department of Environmental Protection (DEP) construction permit, including the approved preliminary design report or drawings and specifications, for this project. I, or a person acting under my responsible charge, observed construction of the substantially complete portion of this project and reviewed shop drawings, test results, and record drawings for the substantially complete portion of this project, and based upon said observation and reviews, I certify the following:

- the substantially complete portion of this project is sufficiently complete to be utilized for the purposes for which it is intended;
- the substantially complete portion of this project has been completed in accordance with the DEP construction permit, including the approved preliminary design report or drawings and specifications, for this project; or to the best of my knowledge and belief, the deviations described and explained in Part II of this form will not prevent the substantially complete portion of this project from functioning in compliance with Chapters 62-550 and 62-555, F.A.C.;
- all new or altered public water system components that are included in the substantially complete portion of this project and that must be disinfected and bacteriologically surveyed or evaluated per subsection 62-555.315(6), F.A.C., or Rule 62-555.340, F.A.C., have been disinfected and bacteriologically surveyed or evaluated in accordance with said subsection or said rule; and
- the record drawings for the substantially complete portion of this project adequately depict the substantially complete portion of this project as constructed and identify the deviations described and explained in Part II of this form.


Signature, Seal, and Date: Mohammed Y. Kader 9/26/19

Mohammed Y. Kader, P.E.

45129

Printed or Typed Name

License Number

* Whenever a project is designed under the responsible charge of a professional engineer licensed in Florida and is permitted by the Department, construction of the project shall be inspected under the responsible charge of a professional engineer licensed in Florida. If construction of this project is inspected under the responsible charge of a professional engineer licensed in Florida, Part III.D of this form shall be completed, signed, sealed, and dated by the professional engineer in responsible charge. If this project is not inspected under the responsible charge of a professional engineer licensed in Florida, Part III.D does not have to be completed.

CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

INSTRUCTIONS: This form shall be completed and submitted for projects permitted and constructed under specific Department of Environmental Protection (DEP) construction permits for public water system components, under the DEP's "General Permit for Construction of Water Main Extensions for Public Water Systems," or under the DEP's "General Permit for Construction of Lead or Copper Corrosion Control, or Iron or Manganese Sequestration, Treatment Facilities for Small or Medium Public Water Systems."

AFTER COMPLETING, OR SUBSTANTIALLY COMPLETING, CONSTRUCTION OF A PROJECT, OR A PORTION THEREOF, AND BEFORE PLACING THE SUBSTANTIALLY COMPLETE PROJECT, OR PORTION THEREOF, INTO OPERATION FOR ANY PURPOSE OTHER THAN DISINFECTION, TESTING FOR LEAKS, OR TESTING EQUIPMENT OPERATION, complete and submit one copy of this form to the appropriate DEP District Office or Approved County Health Department along with one copy of the following information:

- the portion of record drawings showing deviations from the DEP construction permit, including the approved preliminary design report or drawings and specifications, if there are any deviations from said permit (note that it is necessary to submit a copy of only the portion of record drawings showing deviations and not a complete set of record drawings);
- bacteriological test results, including a sketch or description of all bacteriological sampling locations, demonstrating compliance with subsection 62-555.315(6), F.A.C., or Rule 62-555.340, F.A.C., if the substantially complete portion of the project includes any new or altered public water system (PWS) components that must be disinfected and bacteriologically surveyed or evaluated per said subsection or said rule;
- analytical test results demonstrating compliance with Part III of Chapter 62-550, F.A.C., or subsection 62-524.650(2), F.A.C., if the substantially complete portion of the project includes any new or altered PWS components that are necessary to achieve, or affect, compliance with said part or said subsection;
- a completed Form 62-555.900(20), New Water System Capacity Development Financial and Managerial Operations Plan, if the DEP construction permit was issued before the effective date of Rule 62-555.525, F.A.C., (9-22-99) and the substantially complete portion of the project creates a "new system" as described under subsection 62-555.525(1), F.A.C.; and
- any other information required by conditions in the DEP construction permit.

All information provided on this form shall be typed or printed in ink. NOTE THAT A SEPARATE CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE IS REQUIRED FOR EACH PERMITTED PROJECT. **DO NOT PLACE ANY NEW OR ALTERED PWS COMPONENTS INTO PERMANENT OPERATION UNTIL THE DEPARTMENT ISSUES WRITTEN APPROVAL, OR CLEARANCE, TO PLACE THE COMPONENTS INTO PERMANENT OPERATION.**

DRINKING WATER MICROBIAL SAMPLE COLLECTION & LABORATORY REPORTING FORMAT

6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354 • E82574
 4965 SW 41st Blvd • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639 • E82061
 10200 USA Today Way • Miramar, FL 33025 • 954.889.2288 • Fax 954.889.2281 • E82535
 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327 • E84589
 380 Northlake Blvd., Suite 1048 • Altamonte Springs, FL 32701 • 407.937.1594 • E53076
 2639 N. Monroe St., Suite D, Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275 • E811095
 13100 Westlake Terrace, Unit 10, Fort Myers, FL 33913 • 239-674-8130 • Fax 239-674-8128 • E84492



Advanced
Environmental Laboratories, Inc.



* F 1903754 *

Lab Receipt Date & Time: 9/25/19 1440
 Analysis Date & Time: 9/25/19 1635
 Sample Acceptance Criteria:
 Sample Preservation: ☒ On Ice ☐ Not On Ice 29°C
 Disinfectant Check: ☒ Not Detected ☐
 This Sample does not meet the following NELAC requirements:

Report Number: _____ Sub-Contract Lab ID: E84492

Analysis Requested: (check all that apply)

☒ Total Coliform/E. coli ☐ Total Coliform/Fecal ☐ Enterococci ☐ Coliphage ☐ HPC ☐ Other: _____ Limited Use System _____

Public Water System (PWS) Name: Leisure Lakes

PWS I.D.: 628-0064

PWS Address: 140 Woodside Dr

City, State, Zip: Lake Placid

PWS or PWS Owner's Phone #: 727-848-8292

E-Mail: dkibitewski@uswatercorp.net

Collector: Andrew Barremers

Collector's Phone #: 863-581-3596

Type of Supply: (check only one)

☒ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System

☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other: _____

Reason for Sampling: (check all that apply)

☐ Distribution Routine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey

☐ Clearance ☐ Replacement (also check type of sample being replaced) ☒ Boil Water Notice ☐ Other: _____

Sample Collection Date: 9/24 - 9/25

DCN: AD-D045

Effective 01/05, Printable Revision 4/11/17

To be completed by collector of sample						To be completed by lab				
Sample #	Sample Point (Location or Specific Address)	Sample Collection Time (24 hr clock)	Sample Type	Disinfectant Residual (mg/L)	pH	Non-Coliform	Total Coliform	Analysis Method(s) Fecal, E. coli, Enterococci, or Coliphage	SM9223B Data Qualifier	Lab Sample #
1/24	110 Jasmine St.	1700	T/D	3.8	7.8		A	A		001
	6 Venetian	1710	T/D	3.9	7.7		A	A		002
25	110 Jasmine St	0830	T/D	3.4	7.7		A	A		003
	6 Venetian	0840	T/D	3.5	7.8		A	A		004
Average of disinfectant residuals for distribution routine & repeat samples: <input type="checkbox"/> Free chlorine or <input checked="" type="checkbox"/> Total chlorine (check one).						Unless otherwise noted, all tests are performed in accordance with NELAC standards, and the results relate only to the samples. Date and time PWS notified by lab of positive results: _____ Date and time DEP/DOH notified by lab of positive results: _____ Lab Signature: <u>[Signature]</u> Title: <u>Analyst</u> Date & Time Report issued: <u>9/26/19</u> <u>1130</u>				
Disinfectant Residual Analysis Method: <input checked="" type="checkbox"/> DPD Colorimetric <input type="checkbox"/> Other: _____ Person performing disinfectant analysis is (Check one of below): <input checked="" type="checkbox"/> A certified operator (# <u>022604</u>) <input type="checkbox"/> Supervised by certified operator (# _____) <input type="checkbox"/> Employed by a certified lab <input type="checkbox"/> Employed by DEP or DOH <input type="checkbox"/> Authorized representative of supplier of water										
SEL Client: <u>US Water 578</u> Project: <u>RU 9-24 + 9-25</u> Part: _____ Send to DEP/DOH? (Init): Yes _____ No _____ Paid _____ Amt _____ How: _____						<input type="checkbox"/> Satisfactory <input type="checkbox"/> Incomplete Collection Information <input type="checkbox"/> Repeat Samples Required <input type="checkbox"/> Replacement Samples Required Date Reviewed by DEP/DOH: _____ DEP/DOH Reviewing Official: _____				

- Indicate the sample type for each sample collected. Sample type codes are: D = Distribution (routine compliance), C = Repeat/Check, R = Raw, N = Entry Point to Distribution, P = Plant Tap, S = Special (clearance, etc.).
 - Lab certification number for the listed method is included at top with the laboratory address.
 - Please circle appropriate selection.
 - Defined in Florida Administrative Code Rule 62-160, Table 1.
 - Complete for community & non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.
- Results Key: A = Coliforms are absent; P = Coliforms are present; C = confluent growth; TNTC = too numerous to count (62-530.730 Reporting Format).

Relinquish By: [Signature]
 Date: 9/25/19 Time: 0950
 Received By: [Signature]
 Date: 9-25-19 Time: 0950
 Received By: [Signature]
 Date: 9/25/19 Time: 1440



Florida Department of Environmental Protection

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@dep.state.fl.us

Noah Valenstein
Secretary

In the matter of an
Application for Permit by:

HC Waterworks, Inc.
Gary Deremer, President
4939 Cross Bayou Blvd
New Port Richey, FL 34652
Emailed to: gderemer@uswatercorp.net

DEP File No: 349439-002-WC
County: Highlands
Project Name: HC Waterworks, Inc./ Leisure
Lakes WTP – Hydrogen Sulfide
Removal System
PWS ID: 6280064

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number 349439-002-WC to construct modification to the existing water treatment plant, issued pursuant to Section 403.861(9), Florida Statutes.

This permit is final and effective on the date filed with the clerk of the Department unless a petition is filed in accordance with the paragraphs below or unless a request for extension of time in which to file a petition is filed within the required timeframe and conforms to Rule 62-110.106(4), F.A.C. Upon timely filing of a petition or a request for an extension, this permit will not be effective until further Order of the Department.

A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) with the Agency Clerk for the Department of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, within 14 days of receipt of this Notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-106.205, F.A.C.

A petition must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of how and when the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts which petitioner contends warrant reversal or modification of the Department's action;
- (f) A statement of the specific rules or statutes the petitioner contends requires reversal or modification of the Department's action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by petitioner, stating precisely the action that the petitioner wants the Department to take.

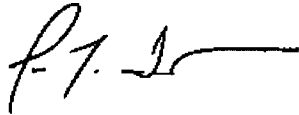
A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any such final decision of the Department on the petition have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to section 120.68 of the Florida Statutes, by filing a Notice of Appeal pursuant to Rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when the final order is filed with the Clerk of the Department.

Executed in Fort Myers, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jon M. Iglehart
Director of District Management

Enclosure: Permit

CERTIFICATION OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Permit Issuance and all copies were mailed/electronically transmitted before the close of business on January 18, 2018, to those persons listed.

FILING AND ACKNOWLEDGMENT

FILED, on this date, under Section 120.52, Florida Statutes, with the designated Deputy Clerk, receipt of which is hereby acknowledged.



Clerk

January 18, 2018
Date

JMI/OJO/

Copies Furnished to:
Mohammed Y. Kader, P.E. mkader@uswatercorp.net
Keith Keegan, P.E. kkeegan@uswatercorp.net



Florida Department of Environmental Protection

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@dep.state.fl.us

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

Permittee:

HC Waterworks, Inc.
Gary Deremer, President
4939 Cross Bayou Blvd
New Port Richey, FL 34652
Emailed to: gderemer@uswatercorp.net

PWS ID: 6280064

Permit Number: 349439-002-WC

Issue Date: January 18, 2018

Expiration Date: January 17, 2023

County: Highlands

Project Name: HC Waterworks, Inc./Leisure
Lakes WTP – Hydrogen Sulfide
Removal System

Water Supplier: HC Waterworks, Inc. – Leisure
Lakes WTP

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-550, 62-555, and 62-699. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TO CONSTRUCT: Modification to the existing 72,000 GPD water treatment plant by the addition of a packed tower aeration system for removal of hydrogen Sulfide with associated acid and caustic feed systems for pH adjustment.

PROPOSED CONSTRUCTION INCLUDES:

1. Installation of a DeLoach packed tower aeration system/forced draft degasification tower sized for a flow of 200 gpm for the removal of hydrogen sulfide.
2. Installation of sulfuric acid chemical feed system for pH adjustment including a 500-gallon double wall containment storage tank and a 35-gallon vertical translucent day tank.
3. Installation of caustic (sodium hydroxide) chemical feed system for pH adjustment including a 200-gallon double wall storage tank and a 22-gallon vertical translucent day tank.
4. Installation of 4,000-gallon hydropneumatics (pressure) tank.
5. All associated piping and injection points.

IN ACCORDANCE WITH: U.S. Water Service Corporation design drawings, sheets 1 thru 10, dated December 5, 2017, and received the same date, along with related design report, and technical specifications dated January 10, 2018. The design drawings and related documentations were submitted in support of the construction application. The application was dated December 5, 2017.

LOCATION: The project is located at 140 Woodside Drive, Lake Placid, Highlands County, Florida.

Work must be conducted in accordance with the General and Specific Conditions, attached hereto.

GENERAL CONDITIONS:

The following General Conditions are referenced in Florida Administrative Code Rule 62-4.160.

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
 - a. Have access to and copy any records that must be kept under conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - c. Sample or monitor any substances or parameters at any location reasonable necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
 - a. A description of and cause of noncompliance; and

- b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages, which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.
9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Section 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.
11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300 F.A.C., as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - a. Determination of Best Available Control Technology (BACT)
 - b. Determination of Prevention of Significant Deterioration (PSD)
 - c. Certification of compliance with state Water Quality Standards (Section 401, PL 92-500)
 - d. Compliance with New Source Performance Standards
14. The permittee shall comply with the following:
 - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - c. Records of monitoring information shall include:
 1. the date, exact place, and time of sampling or measurements;
 2. the person responsible for performing the sampling or measurements;
 3. the dates analyses were performed;
 4. the person responsible for performing the analyses;
 5. the analytical techniques or methods used;
 6. the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law, which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS:

1. The Permittee shall retain service a Florida-licensed professional engineer in accordance with subsection **62-555.530(3), F.A.C.**, to take responsible charge of inspecting construction of the project for the purpose of determining in general if the construction proceeds in compliance with the permit, including the approved preliminary design report or drawings and specifications for the project.
2. The Permittee shall have complete record drawings produced for the project in accordance with subsection **62-555.530(4), F.A.C.**
3. The Permittee shall provide an operation and maintenance manual for all new or altered facilities to fulfill the requirements under subsection **62-555.350(13), F.A.C.**
4. The Permittee shall submit a certification of construction completion to the Department and obtain approval or clearance, from the Department per **Rule 62-555.345, F.A.C.**, before placing any public water system components constructed or altered under this permit in operation for any purpose other than disinfection, testing for leaks, or testing equipment operation. This does not prohibit the Permittee from cutting into existing water mains, and returning the water mains to operation in accordance with subsection **62-555.340(5), F.A.C.**, without the Department's approval.
5. Chemicals that are contained in coatings that are applied to a surface in contact with drinking water, or are otherwise on equipment surfaces that come into contact with the water, and additives and chemicals used to treat water shall conform to American National Standards Institute (ANSI)/NSF International Standard 60-1988. Water system components whose surfaces come into contact with drinking water shall conform to ANSI/NSF Standard 61-1991. The authorized representative of the public water system shall certify in writing that each item conforms to the appropriate standard prior to release for operation. **[Rules 62-555.320(3) (a), 62-555.320(3)(b) and 62-555.320(3)(d), F.A.C.]**
6. The installation or repair of any public water system, or any plumbing in residential or nonresidential facility providing water for human consumption, which is connected to a public water system, shall be lead free. **[Rule 62-555.322(1), F.A.C.]**
7. The permittee must instruct the engineer of record to request system clearance from the Department within sixty (60) days of completion of construction, testing and disinfecting the system. Bacteriological test results shall be considered unacceptable if the test were completed more than 60 days before the Department received the results. **[Rule 62-555.340(2) (c) F.A.C.]**

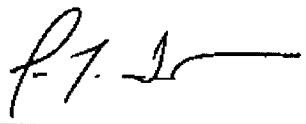
Permitted construction or alteration of a public water system may not be placed into service until a letter of clearance has been issued by this Department. **[Rule 62-555.345, F.A.C.]**
8. Prior to placing this project into service, Permittee shall submit, at a minimum, all of the following to the Department for evaluation and approval for operation, as provided in **Rules 62-555.340 and 62-555.345, F.A.C.:**
 - a. The Certification of Construction Completion and Request for Clearance to Place Permitted PWS Components Into Operation {DEP Form 62-555.900(9)}
 - b. Certified record drawings, if there are any changes noted for the permitted project.

- c. Copy of a satisfactory pressure test of the process piping performed in accordance with AWWA Standards. [Rule 62-555.320(21) (a) (1), F.A.C.]
- d. Two consecutive days of satisfactory distribution bacteriological analytical results.

In order to facilitate the issuance of a letter of clearance, the Department requests that all of the above information be submitted as one package.

- 9. The facility has been classified as a Category V, Class D water treatment plant. Accordingly, the lead or chief operator must be Class D or higher. Proof of staffing by a Class D or higher operator: 3 visits/week on nonconsecutive days for a total of 0.3 hour/week. F.A.C. Rule 62-699.310(2)(e)5.
- 10. The water treatment plant shall maintain throughout the distribution system a minimum combined chlorine residual of 0.6 mg/l or its equivalent. A minimum system pressure of 20 psi must be maintained throughout the system. Also, safety equipment shall be provided and located outside of chlorine room.
- 11. The permittee shall submit a monthly operations report (MOR) DEP Form 62-555.900(2), to the Department no later than the tenth of each succeeding month.
- 12. Permittee shall follow the guidelines of Chapters 62-550, 62-555, and 62-560, F.A.C., regarding public drinking water system standards, monitoring, reporting, permitting, construction, and operation.
- 13. This facility is a Community Water System as defined in F.A.C. Rule 62-550.200(17) and shall comply with the applicable chemical, radiological, lead and copper, and bacteriological monitoring requirements of F.A.C. Chapter 62-550. Such requirements shall be initiated within the quarter that the modification of the water treatment facility is implemented and the results submitted to the Department.
- 14. The permittee shall provide an operation and maintenance manual for the new or altered treatment facilities to fulfill the requirements under subsection 62-555.350(13), F.A.C. The manual shall contain operation and control procedures, and preventative maintenance and repair procedures, for all plant equipment and shall be made available for reference at the plant or at a convenient location near the plant. Bound and indexed equipment manufacturer manuals shall be considered sufficient to meet the requirements of the subsection.
- 15. The permittee or suppliers of water shall telephone the State Warning Point (SWP), at 1-800-320-0519 immediately (i.e. within two hours) after discovery of any actual or suspected sabotage or security breach, or any suspicious incident, involving a public water system in accordance with the F.A.C. Rule 62-555.350(10).

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jon M. Iglehart
Director of
District Management



FLORIDA DEPARTMENT OF Environmental Protection

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@FloridaDEP.gov

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

In the matter of an
Application for Permit by:

HC Waterworks, Inc. – Leisure Lakes
Gary Deremer, President
4939 Cross Bayou Blvd.
New Port Richey, FL 34652
Emailed to: mkader@uswatercorp.net

DEP File No: 349439-003-WC
County: Highlands
Project Name: HC Waterworks, Inc./Leisure
Lakes WTP – Hydrogen Sulfide
Removal System
PWS ID: 6280064

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number 349439-003-WC to construct modification to the existing water treatment plant, issued pursuant to Section 403.861(9), Florida Statutes.

This permit is final and effective on the date filed with the clerk of the Department unless a petition is filed in accordance with the paragraphs below or unless a request for extension of time in which to file a petition is filed within the required timeframe and conforms to Rule 62-110.106(4), F.A.C. Upon timely filing of a petition or a request for an extension, this permit will not be effective until further Order of the Department.

A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) with the Agency Clerk for the Department of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, within 14 days of receipt of this Notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-106.205, F.A.C.

A petition must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of how and when the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts which petitioner contends warrant reversal or modification of the Department's action;
- (f) A statement of the specific rules or statutes the petitioner contends requires reversal or modification of the Department's action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by petitioner, stating precisely the action that the petitioner wants the Department to take.

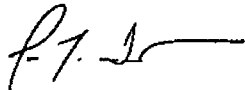
A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any such final decision of the Department on the petition have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to section 120.68 of the Florida Statutes, by filing a Notice of Appeal pursuant to Rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when the final order is filed with the Clerk of the Department.

Executed in Fort Myers, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jon M. Iglehart
Director of District Management

Enclosure: Permit

CERTIFICATION OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Permit Issuance and all copies were mailed/electronically transmitted before the close of business on September 14, 2018, to those persons listed.

FILING AND ACKNOWLEDGMENT

FILED, on this date, under Section 120.52, Florida Statutes, with the designated Deputy Clerk, receipt of which is hereby acknowledged.



Clerk

September 14, 2018
Date

JMI/OJO/



FLORIDA DEPARTMENT OF Environmental Protection

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@FloridaDEP.gov

Rick Scott
Governor
Carlos Lopez-Cantera
Lt. Governor
Noah Valenstein
Secretary

Permittee:

HC Waterworks, Inc. – Leisure Lakes
Gary Deremer, President
4939 Cross Bayou Blvd.
New Port Richey, FL 34652
Emailed to: mkader@uswatercorp.net

PWS ID: 6280064
Permit Number: 349439-003-WC
Issue Date: September 14, 2018
Expiration Date: January 17, 2023
County: Highlands
Project Name: HC Waterworks, Inc./Leisure Lakes
WTP - Hydrogen Sulfide Removal
System
Water Supplier: HC Waterworks, Inc.- Leisure Lakes
WTP

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-550, 62-555, and 62-699. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TO CONSTRUCT: Modification to permit number 349439-002 issued January 18, 2018 and to the existing 72,000 GPD water treatment plant.

PROPOSED CONSTRUCTION INCLUDES:

1. Installation of a 5,000 gallon concrete storage clearwell with two submersible turbine transfer pumps each rated at 200 GPM @40' TDH.
2. Installation of a high service pump (Peerless C-620A) rated at 290 @ 115' TDH.
3. Associated site piping improvements.
4. Relocation of existing forced draft aeration system and chemical injection points.

IN ACCORDANCE WITH: U.S. Water Services Corporation design drawings, sheets 1 thru 7 of 7, dated, August 27, 2018, along with related technical specifications and documents. The design drawings and related documentations were submitted in support of the construction application. The application was dated June 26, 2018, revised and dated August 27, 2018.

LOCATION: The project is located at 140 Woodside Drive, Lake Placid, Highlands County, Florida.

Work must be conducted in accordance with the General and Specific Conditions, attached hereto.

GENERAL CONDITIONS:

The following General Conditions are referenced in Florida Administrative Code Rule 62-4.160.

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
 - a. Have access to and copy any records that must be kept under conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - c. Sample or monitor any substances or parameters at any location reasonable necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
 - a. A description of and cause of noncompliance; and
 - b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all

damages, which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Section 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.
11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300 F.A.C., as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - a. Determination of Best Available Control Technology (BACT)
 - b. Determination of Prevention of Significant Deterioration (PSD)
 - c. Certification of compliance with state Water Quality Standards (Section 401, PL 92-500)
 - d. Compliance with New Source Performance Standards
14. The permittee shall comply with the following:
 - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - c. Records of monitoring information shall include:
 1. the date, exact place, and time of sampling or measurements;
 2. the person responsible for performing the sampling or measurements;
 3. the dates analyses were performed;
 4. the person responsible for performing the analyses;
 5. the analytical techniques or methods used;
 6. the results of such analyses.
15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law, which is needed to determine compliance with the permit. If the permittee becomes

aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS:

1. The Permittee shall retain service a Florida-licensed professional engineer in accordance with subsection **62-555.530(3), F.A.C.**, to take responsible charge of inspecting construction of the project for the purpose of determining in general if the construction proceeds in compliance with the permit, including the approved preliminary design report or drawings and specifications for the project.
2. The Permittee shall have complete record drawings produced for the project in accordance with subsection **62-555.530(4), F.A.C.**
3. The Permittee shall provide an operation and maintenance manual for all new or altered facilities to fulfill the requirements under subsection **62-555.350(13), F.A.C.**
4. The Permittee shall submit a certification of construction completion to the Department and obtain approval or clearance, from the Department per **Rule 62-555.345, F.A.C.**, before placing any public water system components constructed or altered under this permit in operation for any purpose other than disinfection, testing for leaks, or testing equipment operation. This does not prohibit the Permittee from cutting into existing water mains, and returning the water mains to operation in accordance with subsection **62-555.340(5), F.A.C.**, without the Department's approval.
5. Chemicals that are contained in coatings that are applied to a surface in contact with drinking water, or are otherwise on equipment surfaces that come into contact with the water, and additives and chemicals used to treat water shall conform to American National Standards Institute (ANSI)/NSF International Standard 60-1988. Water system components whose surfaces come into contact with drinking water shall conform to ANSI/NSF Standard 61-1991. The authorized representative of the public water system shall certify in writing that each item conforms to the appropriate standard prior to release for operation. **[Rules 62-555.320(3) (a), 62-555.320(3)(b) and 62-555.320(3)(d), F.A.C.]**
6. The installation or repair of any public water system, or any plumbing in residential or nonresidential facility providing water for human consumption, which is connected to a public water system, shall be lead free. **[Rule 62-555.322(1), F.A.C.]**
7. The permittee must instruct the engineer of record to request system clearance from the Department within sixty (60) days of completion of construction, testing and disinfecting the system. Bacteriological test results shall be considered unacceptable if the test were completed more than 60 days before the Department received the results. **[Rule 62-555.340(2) (c) F.A.C.]**

Permitted construction or alteration of a public water system may not be placed into service until a letter of clearance has been issued by this Department. **[Rule 62-555.345, F.A.C.]**

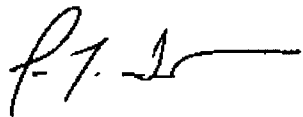
8. Prior to placing this project into service, Permittee shall submit, at a minimum, all of the following to the Department for evaluation and approval for operation, as provided in **Rules 62-555.340 and 62-555.345, F.A.C.:**
 - a. The Certification of Construction Completion and Request for Clearance to Place Permitted PWS Components Into Operation {DEP Form 62-555.900(9)}
 - b. Certified record drawings, if there are any changes noted for the permitted project.
 - c. Copy of a satisfactory pressure test of the process piping performed in accordance with AWWA Standards. **[Rule 62-555.320(21) (a) (1), F.A.C.]**

d. Two consecutive days of satisfactory distribution bacteriological analytical results.

In order to facilitate the issuance of a letter of clearance, the Department requests that all of the above information be submitted as one package.

9. The facility has been classified as a Category V, Class D water treatment plant. Accordingly, the lead or chief operator must be Class D or higher. Proof of staffing by a Class D or higher operator: 3 visits/week on nonconsecutive days for a total of 0.3 hour/week. F.A.C. Rule 62-699.310(2)(e)5.
10. The water treatment plant shall maintain throughout the distribution system a minimum combined chlorine residual of 0.6 mg/l or its equivalent. A minimum system pressure of 20 psi must be maintained throughout the system. Also, safety equipment shall be provided and located outside of chlorine room.
11. The permittee shall submit a monthly operations report (MOR) DEP Form 62-555.900(2), to the Department no later than the tenth of each succeeding month.
12. Permittee shall follow the guidelines of Chapters 62-550, 62-555, and 62-560, F.A.C., regarding public drinking water system standards, monitoring, reporting, permitting, construction, and operation.
13. This facility is a Community Water System as defined in F.A.C. Rule 62-550.200(17) and shall comply with the applicable chemical, radiological, lead and copper, and bacteriological monitoring requirements of F.A.C. Chapter 62-550. Such requirements shall be initiated within the quarter that the modification of the water treatment facility is implemented and the results submitted to the Department.
14. The permittee shall provide an operation and maintenance manual for the new or altered treatment facilities to fulfill the requirements under subsection 62-555.350(13), F.A.C. The manual shall contain operation and control procedures, and preventative maintenance and repair procedures, for all plant equipment and shall be made available for reference at the plant or at a convenient location near the plant. Bound and indexed equipment manufacturer manuals shall be considered sufficient to meet the requirements of the subsection.
15. The permittee or suppliers of water shall telephone the State Warning Point (SWP), at 1-800-320-0519 immediately (i.e. within two hours) after discovery of any actual or suspected sabotage or security breach, or any suspicious incident, involving a public water system in accordance with the F.A.C. Rule 62-555.350(10).

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jon M. Iglehart
Director of
District Management

569.




4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

Invoice #	866252
Date	3/14/2018
Due Date	4/13/2018
Account #	704
P.O. or W.A. #	709-78

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project					
709-78 Lake Josephine WTP Upgrades					
Date	Description	Qty or Hrs	Unit	Rate	Amount
2/28/2018	Lake Josephine WTP Upgrades				
2/28/2018	Well Piping	1	LS	422.11	422.11
2/28/2018	Degasifier System	1	LS	77,292.29	77,292.29
2/28/2018	Ground Storage Bypass Piping	1	LS	297.61	297.61
2/28/2018	Hydro Tank Piping	1	LS	23,590.44	23,590.44
2/28/2018	CL2 Feed with 4/20	1	LS	1,651.05	1,651.05
2/28/2018	GST Ammonia Feed with 4/20	1	LS	1,551.62	1,551.62
2/28/2018	Acid Feed	1	LS	4,966.44	4,966.44
2/28/2018	Caustic Feed	1	LS	11,761.59	11,761.59
2/28/2018	Equipment	0	LS	78,427.79	0.00
2/28/2018	Electrical	1	LS	2,562.09	2,562.09
2/28/2018	Engineering, Consulting, Technical Services: Water/Wastewater Utility Systems	1	LS	10,132.09	10,132.09
2/28/2018	Retainage withheld at 10%	1	LS	-12,409.52	-12,409.52
Entered:  COA Code: <u>329 105</u> Approved: <u>C 3-19-18</u> Paid: _____ Date: _____					
			Total \$121,817.81		
Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: asantiago@uswatercorp.net			Payments/Credits \$0.00		
			Balance Due \$121,817.81		

U.S. Water[®]

Services Corporation

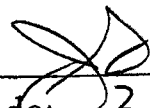

4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Bill To: HC Waterworks, Inc.
Attn: Joe Gabay
4939 Cross Bayou Boulevard
New Port Richey, FL 34652

Invoice

Invoice #	866253
Date	3/14/2018
Due Date	4/13/2018
Account #	704
P.O. No.	709-78

All service pricing anticipates payment by Check or ACH. Due to additional costs incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project						
709-78 Lake Josephine WTP Upgrades						
Date	Description	Qty or Hrs	U/M	Unit	Rate	Amount
2/28/2018	Lake Josephine WTP Upgrades					
2/28/2018	Well Piping	0		LS	21,105.60	0.00
2/28/2018	Degasifier System	0		LS	103,056.39	0.00
2/28/2018	Ground Storage Bypass Piping	0		LS	9,920.46	0.00
2/28/2018	Hydro Tank Piping	0		LS	102,567.13	0.00
2/28/2018	CL2 Feed with 4/20	0		LS	41,276.14	0.00
2/28/2018	GST Ammonia Feed with 4/20	0		LS	51,720.62	0.00
2/28/2018	Acid Feed	0		LS	45,149.48	0.00
2/28/2018	Caustic Feed	0		LS	31,788.09	0.00
2/28/2018	Equipment	0		LS	78,427.79	0.00
2/28/2018	Electrical	0		LS	42,701.50	0.00
2/28/2018	Engineering, Consulting, Technical Services:	0		LS	42,217.06	0.00
2/28/2018	Water/Wastewater Utility Systems					
2/28/2018	Retainage withheld at 10%	1		LS	12,409.52	12,409.52
Entered: 						
COA Code: 320						
Approved:  3-19-18						
Paid: _____						
Date: _____						
					Total	\$12,409.52

Phone #	Email Contact
727-848-8292 X=219	asantiago@uswatercorp.net

Payments/Credits	\$0.00
Balance Due	\$12,409.52

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702 PAGE 1 OF 2 PAGES

TO OWNER:		PROJECT:	APPLICATION NO:	1	Distribution to: OWNER <input checked="" type="checkbox"/> ENGINEER <input checked="" type="checkbox"/> CONTRACTOR <input checked="" type="checkbox"/> FIELD <input type="checkbox"/> OTHER <input type="checkbox"/>
H.C. Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Blvd New Port Richey, FL 34652		Lake Josephine WTP Upgrades	PERIOD TO:	02/28/18	
FROM CONTRACTOR:		VIA ENGINEER:	CONTRACT FOR:	WTP Modifications	
U.S. Water Services Corporation 4939 Cross Bayou Blvd New Port Richey, FL 34652		U.S. Water Services Corporation 4939 Cross Bayou Blvd New Port Richey, FL 34652	CONTRACT DATE:		
			U.S. WATER ACCOUNT NO.:	709-78	

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM.....	\$	527,713.20
2. NET CHANGE BY CHANGE ORDERS.....	\$	-
3. CONTRACT SUM TO DATE (Line 1 ± 2).....	\$	527,713.20
4. TOTAL COMPLETED & STORED TO DATE (Column J on G703)	\$	124,095.25
5. RETAINAGE:		
a. 10% % of Completed Work	\$	12,409.52
(Columns G + H on G703)		
b. 10% % of Stored Material	\$	-
(Columns I on G703)		
Total Retainage (Lines 5a + 5b, or Total in Column K of G703) ...	\$	12,409.52
6. TOTAL EARNED LESS RETAINAGE.....	\$	111,685.72
(Line 4 minus Line 5 Total)		
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT.....	\$	-
(Line 6 from prior Certificate)		
8. CURRENT PAYMENT DUE.....	\$	111,685.72
9. BALANCE TO FINISH, INCLUDING RETAINAGE.....	\$	416,027.48
(Line 3 minus Line 6)		

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By: Edward Mitchell

Edward Mitchell, Vice President

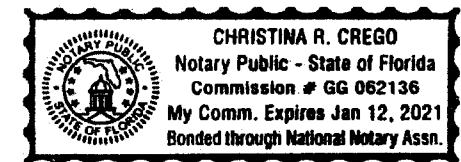
State of: FLORIDA County of: PASCO

Subscribed and sworn to before me this 19th day of March, 2018

Notary Public:

My Commission expires: January 12, 2021

Date: 3/19/18



ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED.....\$
(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:

By: _____

Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total changes approved this month		
TOTAL		
NET CHANGES by Change Order	\$	-

CONTINUATION SHEET

AIA DOCUMENT G703

PAGE 2 OF 2 PAGES

AIA Document G702TM-1992, Application and Certificate for Payment,
Application and Certificate for Payment, Construction Manager as Advisor Edition,
Containing Contractor's signed certification is attached.

APPLICATION NO: 1
APPLICATION DATE: 03/01/18
PERIOD TO: 02/28/18

In tabulations below, amounts are in US dollars.

Use Column K on Contracts where variable retainage for line items may apply.

A	B	C	D	E	F		G		H	I	J	K	
ITEM NO.	DESCRIPTION OF WORK	QTY	U/M	UNIT PRICE	SCHEDULED VALUE	WORK COMPLETED				MATERIALS PRESENTLY STORED <i>(Not in G or H)</i>	TOTAL COMPLETED AND STORED TO DATE <i>(G+H+I)</i>	% (J/F)	RETAINAGE VALUE OF ITEMS COMPLETED TO DATE
						%	FROM PREVIOUS APPLICATION (G +H)	%	THIS PERIOD				
1	Well Piping	1	LS	\$21,105.60	\$21,105.60			2%	\$422.11		\$422.11	2%	\$42.21
2	Degasifer System	1	LS	\$103,056.39	\$103,056.39			75%	\$77,292.29		\$77,292.29	75%	\$7,729.23
3	Ground Storage Bypass Piping	1	LS	\$9,920.46	\$9,920.46			3%	\$297.61		\$297.61	3%	\$29.76
4	Hydro Tank Piping	1	LS	\$102,567.13	\$102,567.13			23%	\$23,590.44		\$23,590.44	23%	\$2,359.04
5	CL2 Feed with 4/20	1	LS	\$41,276.14	\$41,276.14			4%	\$1,651.05		\$1,651.05	4%	\$165.10
6	GST Ammonia Feed with 4/20	1	LS	\$51,720.62	\$51,720.62			3%	\$1,551.62		\$1,551.62	3%	\$155.16
7	Acid Feed	1	LS	\$45,149.48	\$45,149.48			11%	\$4,966.44		\$4,966.44	11%	\$496.64
8	Caustic Feed	1	LS	\$31,788.09	\$31,788.09			37%	\$11,761.59		\$11,761.59	37%	\$1,176.16
9	Equipment	1	LS	\$78,427.79	\$78,427.79			0%	\$0.00		\$0.00	0%	\$0.00
10	Electrical	1	LS	\$42,701.50	\$42,701.50			6%	\$2,562.09		\$2,562.09	6%	\$256.21
CONTRACT SUB-TOTAL						\$527,713.20		\$0.00	\$124,095.25	\$0.00	\$124,095.25	24%	\$12,409.52
CHANGE ORDERS													
5					\$0.00						\$0.00		\$0.00
CHANGE ORDERS TOTAL						\$0.00		\$0.00	\$0.00	\$0.00	\$0.00		\$0.00



4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Invoice #	871142
Date	5/31/2018
Due Date	6/30/2018
Account #	704
P.O. or W.A. #	709-78

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project					
709-78 Lake Josephine WTP Upgrades					
Date	Description	Qty or Hrs	Unit	Rate	Amount
	Lake Josephine WTP Upgrades				
	Well Piping	1	LS	15,407.09	15,407.09
	Degasifier System	1	LS	5,152.82	5,152.82
	Ground Storage Bypass Piping	1	LS	7,142.73	7,142.73
	Hydro Tank Piping	0	LS	102,567.13	0.00
	CL2 Feed with 4/20	1	LS	18,987.02	18,987.02
	GST Ammonia Feed with 4/20	1	LS	24,308.69	24,308.69
	Acid Feed	1	LS	17,608.30	17,608.30
	Caustic Feed	1	LS	4,132.45	4,132.45
	Equipment	1	LS	19,606.95	19,606.95
	Electrical	1	LS	10,248.36	10,248.36
	Engineering, Consulting, Technical Services: Water/Wastewater Utility Systems	1	LS	9,709.92	9,709.92
	Retainage Withheld at 10%	1	LS	-12,259.44	-12,259.44
<div>Entered: <u>[Signature]</u></div> <div>COA Code: <u>105</u></div> <div>Approved: <u>C 6-11-18</u> <u>[Signature]</u></div> <div>Paid: <u>1</u></div> <div>Date: _____</div>					
Pay Application No 2 (work completed thru 5/31/18)				Total \$120,044.89	
<div>Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: asantiago@uswatercorp.net</div>				Payments/Credits \$0.00	
				Balance Due \$120,044.89	




4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Invoice #	871143
Date	5/31/2018
Due Date	6/30/2018
Account #	704
P.O. or W.A. #	709-78

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project					
709-78 Lake Josephine WTP Upgrades					
Date	Description	Qty or Hrs	Unit	Rate	Amount
	Lake Josephine WTP Upgrades				
	Well Piping	0	LS	15,407.09	0.00
	Degasifier System	0	LS	5,152.82	0.00
	Ground Storage Bypass Piping	0	LS	7,142.73	0.00
	Hydro Tank Piping	0	LS	102,567.13	0.00
	CL2 Feed with 4/20	0	LS	18,987.02	0.00
	GST Ammonia Feed with 4/20	0	LS	24,308.69	0.00
	Acid Feed	0	LS	17,608.30	0.00
	Caustic Feed	0	LS	4,132.45	0.00
	Equipment	0	LS	19,606.95	0.00
	Electrical	0	LS	10,248.36	0.00
	Engineering, Consulting, Technical Services: Water/Wastewater Utility Systems	0	LS	9,709.92	0.00
	Retainage Withheld at 10%	1	LS	12,259.44	12,259.44
<p>Entered: <u></u></p> <p>COA Code: <u>105</u></p> <p>Approved: <u>C</u></p> <p>Paid: _____</p> <p>Date: _____</p>					
Pay Application No 2 (work completed thru 5/31/18)			Total		
Retainage Only			\$12,259.44		
Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: asantiago@uswatercorp.net			Payments/Credits		
			\$0.00		
			Balance Due		
			\$12,259.44		

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702 PAGE 1 OF 2 PAGES

TO OWNER:		PROJECT:	APPLICATION NO:	2	Distribution to: OWNER <input checked="" type="checkbox"/> ENGINEER <input checked="" type="checkbox"/> CONTRACTOR <input checked="" type="checkbox"/> FIELD <input type="checkbox"/> OTHER <input type="checkbox"/>
H.C. Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Blvd New Port Richey, FL 34652		Lake Josephine WTP Upgrades	PERIOD TO:	04/22/18	
FROM CONTRACTOR:		VIA ENGINEER:	CONTRACT FOR:	WTP Modifications	
U.S. Water Services Corporation 4939 Cross Bayou Blvd New Port Richey, FL 34652		U.S. Water Services Corporation 4939 Cross Bayou Blvd New Port Richey, FL 34652	CONTRACT DATE:		
			U.S. WATER ACCOUNT NO.:	709-78	

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM..... \$ 527,713.20
2. NET CHANGE BY CHANGE ORDERS..... \$ -
3. CONTRACT SUM TO DATE (Line 1 ± 2)..... \$ 527,713.20
4. TOTAL COMPLETED & STORED TO DATE (Column J on G703) \$ 246,689.66
5. RETAINAGE:
 - a. 10% % of Completed Work \$ 24,668.97
(Columns G + H on G703)
 - b. 10% % of Stored Material \$ -
(Columns I on G703)
- Total Retainage (Lines 5a + 5b, or Total in Column K of G703) ... \$ 24,668.97
6. TOTAL EARNED LESS RETAINAGE..... \$ 222,020.69
(Line 4 minus Line 5 Total)
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT..... \$ 111,685.72
(Line 6 from prior Certificate)
8. CURRENT PAYMENT DUE..... \$ 110,334.97
9. BALANCE TO FINISH, INCLUDING RETAINAGE..... \$ 305,692.51
(Line 3 minus Line 6)

	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total changes approved this month		
TOTAL		
NET CHANGES by Change Order	\$	-

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By: Edward Mitchell
Edward Mitchell, Vice President

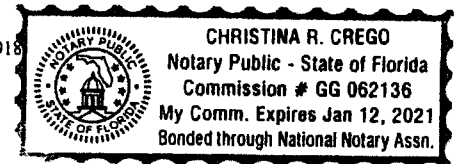
Date: 6/8/18

State of: FLORIDA County of: PASCO

Subscribed and sworn to before me this 8th day of June, 2018

Notary Public:

My Commission expires: January 12, 2021



ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED.....\$
(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:

By: _____

Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

AIA DOCUMENT G703

PAGE 2 OF 2 PAGES

AIA Document G702™-1992, Application and Certificate for Payment,
Application and Certificate for Payment, Construction Manager as Advisor Edition,
Containing Contractor's signed certification is attached.
In tabulations below, amounts are in US dollars.
Use Column K on Contracts where variable retainage for line items may apply.

APPLICATION NO: 2
APPLICATION DATE: 05/31/18
PERIOD TO: 04/22/18

A	B	C	D	E	F		G		H	I	J	K	
ITEM NO.	DESCRIPTION OF WORK	QTY	U/M	UNIT PRICE	SCHEDULED VALUE	WORK COMPLETED				MATERIALS PRESENTLY STORED <i>(Not in G or H)</i>	TOTAL COMPLETED AND STORED TO DATE <i>(G+H+I)</i>	% <i>(J/F)</i>	RETAINAGE VALUE OF ITEMS COMPLETED TO DATE
						%	FROM PREVIOUS APPLICATION <i>(G +H)</i>	%	THIS PERIOD				
1	Well Piping	1	LS	\$21,105.60	\$21,105.60	2%	\$422.11	73%	\$15,407.09		\$15,829.20	75%	\$1,582.92
2	Degasifier System	1	LS	\$103,056.39	\$103,056.39	75%	\$77,292.29	5%	\$5,152.82		\$82,445.11	80%	\$8,244.51
3	Ground Storage Bypass Piping	1	LS	\$9,920.46	\$9,920.46	3%	\$297.61	72%	\$7,142.73		\$7,440.35	75%	\$744.03
4	Hydro Tank Piping	1	LS	\$102,567.13	\$102,567.13	23%	\$23,590.44		\$0.00		\$23,590.44	23%	\$2,359.04
5	CL2 Feed with 4/20	1	LS	\$41,276.14	\$41,276.14	4%	\$1,651.05	46%	\$18,987.02		\$20,638.07	50%	\$2,063.81
6	GST Ammonia Feed with 4/20	1	LS	\$51,720.62	\$51,720.62	3%	\$1,551.62	47%	\$24,308.69		\$25,860.31	50%	\$2,586.03
7	Acid Feed	1	LS	\$45,149.48	\$45,149.48	11%	\$4,966.44	39%	\$17,608.30		\$22,574.74	50%	\$2,257.47
8	Caustic Feed	1	LS	\$31,788.09	\$31,788.09	37%	\$11,761.59	13%	\$4,132.45		\$15,894.05	50%	\$1,589.40
9	Equipment	1	LS	\$78,427.79	\$78,427.79	0%	\$0.00	25%	\$19,606.95		\$19,606.95	25%	\$1,960.69
10	Electrical	1	LS	\$42,701.50	\$42,701.50	6%	\$2,562.09	24%	\$10,248.36		\$12,810.45	30%	\$1,281.05
CONTRACT SUB-TOTAL					\$527,713.20		\$124,095.25		\$122,594.41	\$0.00	\$246,689.66	47%	\$24,668.97
CHANGE ORDERS													
5					\$0.00						\$0.00		\$0.00
CHANGE ORDERS, TOTAL					\$0.00		\$0.00		\$0.00	\$0.00	\$0.00		\$0.00
GRAND TOTAL					\$527,713.20		\$124,095.25		\$122,594.41	\$0.00	\$246,689.66	47%	\$24,668.97



4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Invoice #	873231
Date	7/23/2018
Due Date	8/24/2018
Account #	704
P.O. or W.A. #	709-78

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project					
709-78 Lake Josephine WTP Upgrades					
Date	Description	Qty or Hrs	Unit	Rate	Amount
	Lake Josephine WTP Upgrades				
	Well Piping	1	LS	5,276.40	5,276.40
	Degasifier System	1	LS	20,611.28	20,611.28
	Ground Storage Bypass Piping	0	LS	9,920.46	0.00
	Hydro Tank Piping	0	LS	102,567.13	0.00
	CL2 Feed with 4/20	0	LS	41,276.14	0.00
	GST Ammonia Feed with 4/20	0	LS	51,720.62	0.00
	Acid Feed	1	LS	13,544.84	13,544.84
	Caustic Feed	1	LS	9,536.43	9,536.43
	Equipment	1	LS	19,606.95	19,606.95
	Electrical	1	LS	8,540.30	8,540.30
	Engineering, Consulting, Technical Services: Water/Wastewater	1	LS	5,910.39	5,910.39
	Utility Systems				
	Retainage withheld @ 10%	1	LS	-7,711.62	-7,711.62
Entered: <u>[Signature]</u>					
COA Code: <u>POS</u>					
Approved: <u>C 7-27-18</u>					
Paid: _____					
Date: _____					
			Total \$75,314.97		
Questions about your bill? Phone: 727-848-8292 EXT 224 Toll free: 866-753-8292 EXT 224 Email: USWater_AR@uswatercorp.net			Payments/Credits \$0.00		
			Balance Due \$75,314.97		

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702 PAGE 1 OF 2 PAGES

TO OWNER:		PROJECT:	APPLICATION NO:	3	Distribution to: OWNER <input checked="" type="checkbox"/> ENGINEER <input checked="" type="checkbox"/> CONTRACTOR <input checked="" type="checkbox"/> FIELD <input type="checkbox"/> OTHER <input type="checkbox"/>
H.C. Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Blvd New Port Richey, FL 34652		Lake Josephine WTP Upgrades	PERIOD TO:	06/30/18	
FROM CONTRACTOR:		VIA ENGINEER:	CONTRACT FOR:	WTP Modifications	
U.S. Water Services Corporation 4939 Cross Bayou Blvd New Port Richey, FL 34652		U.S. Water Services Corporation 4939 Cross Bayou Blvd New Port Richey, FL 34652	CONTRACT DATE:		
			U.S. WATER ACCOUNT NO.:	709-78	

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM..... \$ 527,713.20
2. NET CHANGE BY CHANGE ORDERS..... \$ -
3. CONTRACT SUM TO DATE (Line 1 + 2)..... \$ 527,713.20
4. TOTAL COMPLETED & STORED TO DATE (Column J on G703) \$ 323,805.86
5. RETAINAGE:
 - a. 10% % of Completed Work \$ 32,380.59
(Columns G + H on G703)
 - b. 10% % of Stored Material \$ -
(Columns I on G703)

Total Retainage (Lines 5a + 5b, or Total in Column K of G703) ... \$ 32,380.59
6. TOTAL EARNED LESS RETAINAGE..... \$ 291,425.27
(Line 4 minus Line 5 Total)
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT..... \$ 222,020.69
(Line 6 from prior Certificate)
8. CURRENT PAYMENT DUE..... \$ 69,404.58
9. BALANCE TO FINISH, INCLUDING RETAINAGE..... \$ 236,287.93
(Line 3 minus Line 6)

	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total changes approved this month		
TOTAL		
NET CHANGES by Change Order	\$	-

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By: Edward Mitchell
Edward Mitchell, Vice President

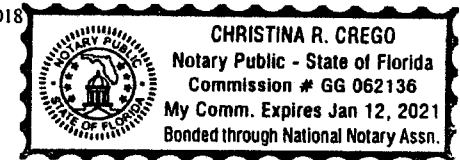
Date: July 23, 2018

State of: FLORIDA County of: PASCO

Subscribed and sworn to before me this 23rd day of July, 2018

Notary Public:

My Commission expires: January 15, 2021



ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED.....\$
(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:

By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

AIA DOCUMENT G703

PAGE 2 OF 2 PAGES

AIA Document G702™-1992, Application and Certificate for Payment,
Application and Certificate for Payment, Construction Manager as Advisor Edition,
Containing Contractor's signed certification is attached.
In tabulations below, amounts are in US dollars.
Use Column K on Contracts where variable retainage for line items may apply.

APPLICATION NO: 3
APPLICATION DATE: 07/23/18
PERIOD TO: 06/30/18
USW ACCT NO.: 709-78

Use Column K on Contracts where variable retainage for line items may apply.

A	B	C	D	E	F		G		H	I	J		K
ITEM NO.	DESCRIPTION OF WORK	QTY	U/M	UNIT PRICE	SCHEDULED VALUE	WORK COMPLETED				MATERIALS PRESENTLY STORED (Not in G or H)	TOTAL COMPLETED AND STORED TO DATE (G+H+I)	% (J/F)	RETAINAGE VALUE OF ITEMS COMPLETED TO DATE
						%	FROM PREVIOUS APPLICATION (G + H)	%	THIS PERIOD				
1	Well Piping	1	LS	\$21,105.60	\$21,105.60	75%	\$15,829.20	25%	\$5,276.40		\$21,105.60	100%	\$2,110.56
2	Degasifer System	1	LS	\$103,056.39	\$103,056.39	80%	\$82,445.11	20%	\$20,611.28		\$103,056.39	100%	\$10,305.64
3	Ground Storage Bypass Piping	1	LS	\$9,920.46	\$9,920.46	75%	\$7,440.35		\$0.00		\$7,440.35	75%	\$744.03
4	Hydro Tank Piping	1	LS	\$102,567.13	\$102,567.13	23%	\$23,590.44		\$0.00		\$23,590.44	23%	\$2,359.04
5	CL2 Feed with 4/20	1	LS	\$41,276.14	\$41,276.14	50%	\$20,638.07		\$0.00		\$20,638.07	50%	\$2,063.81
6	GST Ammonia Feed with 4/20	1	LS	\$51,720.62	\$51,720.62	50%	\$25,860.31		\$0.00		\$25,860.31	50%	\$2,586.03
7	Acid Feed	1	LS	\$45,149.48	\$45,149.48	50%	\$22,574.74	30%	\$13,544.84		\$36,119.58	80%	\$3,611.96
8	Caustic Feed	1	LS	\$31,788.09	\$31,788.09	50%	\$15,894.05	30%	\$9,536.43		\$25,430.47	80%	\$2,543.05
9	Equipment	1	LS	\$78,427.79	\$78,427.79	25%	\$19,606.95	25%	\$19,606.95		\$39,213.90	50%	\$3,921.39
10	Electrical	1	LS	\$42,701.50	\$42,701.50	30%	\$12,810.45	20%	\$8,540.30		\$21,350.75	50%	\$2,135.08
CONTRACT SUB-TOTAL					\$527,713.20		\$246,689.66		\$77,116.20	\$0.00	\$323,805.86	61%	\$32,380.59
CHANGE ORDERS													
					\$0.00						\$0.00		\$0.00
5					\$0.00		\$0.00		\$0.00	\$0.00	\$0.00		\$0.00
CHANGE ORDERS TOTAL					\$0.00		\$0.00		\$0.00	\$0.00	\$0.00		\$0.00



4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Invoice #	873232
Date	7/23/2018
Due Date	8/24/2018
Account #	704
P.O. or W.A. #	709-78R

Bill To

HC Waterworks, Inc.
Attn: Joe Gabay
4939 Cross Bayou Boulevard
New Port Richey, FL 34652

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project

709-78 Lake Josephine WTP Upgrades

Date	Description	Qty or Hrs	Unit	Rate	Amount
	Lake Josephine WTP Upgrades				
	Well Piping	0	LS	5,276.40	0.00
	Degasifier System	0	LS	20,611.28	0.00
	Ground Storage Bypass Piping	0	LS	9,920.46	0.00
	Hydro Tank Piping	0	LS	102,567.13	0.00
	CL2 Feed with 4/20	0	LS	41,276.14	0.00
	GST Ammonia Feed with 4/20	0	LS	51,720.62	0.00
	Acid Feed	0	LS	13,544.84	0.00
	Caustic Feed	0	LS	9,536.43	0.00
	Equipment	0	LS	19,606.95	0.00
	Electrical	0	LS	8,540.30	0.00
	Engineering, Consulting, Technical Services: Water/Wastewater	0	LS	5,910.39	0.00
	Utility Systems				
	Retainage withheld @ 10%	1	LS	7,711.62	7,711.62

Entered: 

COA Code: 105

Approved: C 8-24-18

Paid: _____

Date: _____

Total

\$7,711.62

Payments/Credits

\$0.00

Balance Due

\$7,711.62

Questions about your bill?
Phone: 727-848-8292 EXT 219
Toll free: 866-753-8292 EXT 219
Email: uswater-ar@uswatercorp.net




4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Invoice #	879107
Date	10/5/2018
Due Date	11/4/2018
Account #	704
P.O. or W.A. #	709-78

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project					
709-78 Lake Josephine WTP Upgrades					
Date	Description	Qty or Hrs	Unit	Rate	Amount
	Lake Josephine WTP Upgrades Pay Application No 4 - For work completed 7/1/18-9/30/18				
	Well Piping	0	LS	21,105.60	0.00
	Degasifier System	0	LS	103,056.39	0.00
	Ground Storage Bypass Piping	0	LS	9,920.46	0.00
	Hydro Tank Piping	0	LS	102,567.13	0.00
	CL2 Feed with 4/20	1	LS	20,638.07	20,638.07
	GST Ammonia Feed with 4/20	1	LS	25,860.31	25,860.31
	Acid Feed	1	LS	9,029.90	9,029.90
	Caustic Feed	1	LS	6,357.62	6,357.62
	Equipment	1	LS	19,606.95	19,606.95
	Electrical	0	LS	42,701.50	0.00
	Engineering, Consulting, Technical Services: Water/Wastewater Utility Systems	1	LS	6,754.73	6,754.73
	Retainage reduced to 5% as of Pay Application No 4	1	LS	-4,412.38	-4,412.38
Entered: 					
COA Code: <u>105</u>					
Approved: <u>C 10-25-18</u>					
Paid: _____					
Date: _____					
				Total	\$83,835.20
Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: uswater-ar@uswatercorp.net				Payments/Credits	\$0.00
				Balance Due	\$83,835.20

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702 PAGE 1 OF 2 PAGES

TO OWNER:		PROJECT:	APPLICATION NO:	Distribution to: OWNER <input type="checkbox"/> ENGINEER <input type="checkbox"/> CONTRACTOR <input type="checkbox"/> FIELD <input type="checkbox"/> OTHER <input type="checkbox"/>
H.C. Waterworks, Inc.		Lake Josephine WTP Upgrades	4	
Attn: Joe Gabay			PERIOD TO: 09/30/18	
4939 Cross Bayou Blvd			CONTRACT FOR: WTP Modifications	
New Port Richey, FL 34652			CONTRACT DATE:	
FROM CONTRACTOR:	VIA ENGINEER:	U.S. WATER ACCOUNT NO.:	709-78	
U.S. Water Services Corporation	U.S. Water Services Corporation			
4939 Cross Bayou Blvd	4939 Cross Bayou Blvd			
New Port Richey, FL 34652	New Port Richey, FL 34652			

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM.....	\$	527,713.20
2. NET CHANGE BY CHANGE ORDERS.....	\$	-
3. CONTRACT SUM TO DATE (Line 1 ± 2).....	\$	527,713.20
4. TOTAL COMPLETED & STORED TO DATE (Column J on G703).....	\$	405,298.70
5. RETAINAGE:		
a. 5% % of Completed Work	\$	20,264.93
(Columns G + H on G703)		
b. 5% % of Stored Material	\$	-
(Columns I on G703)		
Total Retainage (Lines 5a + 5b, or Total in Column K of G703) ...	\$	20,264.93
6. TOTAL EARNED LESS RETAINAGE.....	\$	385,033.76
(Line 4 minus Line 5 Total)		
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT.....	\$	291,425.27
(Line 6 from prior Certificate)		
8. CURRENT PAYMENT DUE.....	\$	93,608.49
9. BALANCE TO FINISH, INCLUDING RETAINAGE.....	\$	142,679.44
(Line 3 minus Line 6)		

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By: Edward Mitchell
Edward Mitchell, Vice President

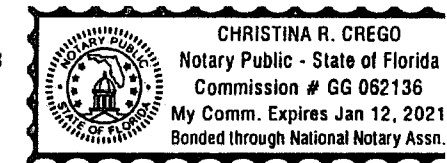
Date: 10/24/18

State of: FLORIDA County of: PASCO
Subscribed and sworn to before me this 24th day of October, 2018

Notary Public:

My Commission expires:

Christina R. Crego
January 12, 2021



ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED.....\$
(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:

By: _____

Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total changes approved this month		
TOTAL		
NET CHANGES by Change Order	\$	-

CONTINUATION SHEET

AIA DOCUMENT G703

PAGE 2 OF 2 PAGES

AIA Document G702™-1992, Application and Certificate for Payment,
Application and Certificate for Payment, Construction Manager as Advisor Edition.
Containing Contractor's signed certification is attached.
In tabulations below, amounts are in US dollars.
Use Column K on Contracts where variable retainage for line items may apply.

APPLICATION NO: 4
APPLICATION DATE: 10/05/18
PERIOD TO: 09/30/18
USW ACCT NO.: 709-78

A	B	C	D	E	F		G		H	I	J	K	
ITEM NO.	DESCRIPTION OF WORK	QTY	U/M	UNIT PRICE	SCHEDULED VALUE	WORK COMPLETED				MATERIALS PRESENTLY STORED (Not in G or H)	TOTAL COMPLETED AND STORED TO DATE (G+H+I)	% (J/F)	RETAINAGE VALUE OF ITEMS COMPLETED TO DATE
						%	FROM PREVIOUS APPLICATION (G+H)	%	THIS PERIOD				
1	Well Piping	1	LS	\$21,105.00	\$21,105.00	100%	\$21,105.00		\$0.00		\$21,105.00	100%	\$1,055.25
2	Regasifier System	1	LS	\$103,056.39	\$103,056.39	100%	\$103,056.39		\$0.00		\$103,056.39	100%	\$5,152.82
3	Ground Storage Bypass Piping	1	LS	\$9,920.46	\$9,920.46	75%	\$7,440.35		\$0.00		\$7,440.35	75%	\$372.02
4	Hydro Tank Piping	1	LS	\$102,567.13	\$102,567.13	23%	\$23,590.44		\$0.00		\$23,590.44	23%	\$1,179.52
5	CL2 Feed with 4/20	1	LS	\$41,276.14	\$41,276.14	50%	\$20,638.07	50%	\$20,638.07		\$41,276.14	100%	\$2,063.81
6	GST Ammonia Feed with 4/20	1	LS	\$51,720.62	\$51,720.62	50%	\$25,860.31	50%	\$25,860.31		\$51,720.62	100%	\$2,586.03
7	Acid Feed	1	LS	\$45,149.48	\$45,149.48	80%	\$36,119.58	20%	\$9,029.90		\$45,149.48	100%	\$2,257.47
8	Caustic Feed	1	LS	\$31,788.09	\$31,788.09	80%	\$25,430.47	20%	\$6,357.62		\$31,788.09	100%	\$1,589.40
9	Equipment	1	LS	\$78,427.79	\$78,427.79	50%	\$39,213.90	25%	\$19,606.95		\$58,820.84	75%	\$2,941.04
10	Electrical	1	LS	\$42,701.50	\$42,701.50	50%	\$21,350.75		\$0.00		\$21,350.75	50%	\$1,067.54
CONTRACT SUB-TOTAL						\$527,713.20	\$323,805.86		\$81,492.84	\$0.00	\$405,298.70	77%	\$20,264.93
CHANGE ORDERS													
5					\$0.00						\$0.00		\$0.00
CHANGE ORDERS TOTAL						\$0.00	\$0.00		\$0.00	\$0.00	\$0.00		\$0.00
GRAND TOTAL						\$527,713.20	\$323,805.86		\$81,492.84	\$0.00	\$405,298.70	77%	\$20,264.93




4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

Invoice #	879108
Date	10/5/2018
Due Date	11/4/2018
Account #	704
P.O. or W.A. #	709-78R

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project					
709-78 Lake Josephine WTP Upgrades					
Date	Description	Qty or Hrs	Unit	Rate	Amount
	Lake Josephine WTP Upgrades Pay Application No 4 - For work completed 7/1/18-9/30/18				
	Well Piping	0	LS	21,105.60	0.00
	Degasifier System	0	LS	103,056.39	0.00
	Ground Storage Bypass Piping	0	LS	9,920.46	0.00
	Hydro Tank Piping	0	LS	102,567.13	0.00
	CL2 Feed with 4/20	0	LS	20,638.07	0.00
	GST Ammonia Feed with 4/20	0	LS	25,860.31	0.00
	Acid Feed	0	LS	9,029.90	0.00
	Caustic Feed	0	LS	6,357.62	0.00
	Equipment	0	LS	19,606.95	0.00
	Electrical	0	LS	42,701.50	0.00
	Engineering, Consulting, Technical Services: Water/Wastewater Utility Systems	0	LS	6,754.73	0.00
	Retainage reduced to 5% as of Pay Application No 4	1	LS	4,412.38	4,412.38
<div>Entered: </div> <div>COA Code: <u>DOS</u></div> <div>Approved: <u>C</u> <u>10-25-18</u></div> <div>Paid: _____</div> <div>Date: _____</div>					
				Total	\$4,412.38
Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: uswater-ar@uswatercorp.net				Payments/Credits	\$0.00
				Balance Due	\$4,412.38



4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

Invoice #	891456
Date	5/1/2019
Due Date	5/31/2019
Account #	704
P.O. or W.A. #	709-78

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project					
709-78 Lake Josephine WTP Upgrades (R4B)					
Date	Description	Qty or Hrs	Unit	Rate	Amount
	Lake Josephine WTP Upgrades				
	Pay Application No 5 - Through 4/30/19				
	Well Piping	0	LS	21,105.60	0.00
	Degasifier System	0	LS	103,056.39	0.00
	Ground Storage Bypass Piping	1	LS	992.05	992.05
	Hydro Tank Piping	1	LS	25,641.78	25,641.78
	CL2 Feed with 4/20	0	LS	41,276.14	0.00
	GST Ammonia Feed with 4/20	0	LS	51,720.62	0.00
	Acid Feed	0	LS	45,149.48	0.00
	Caustic Feed	0	LS	31,788.09	0.00
	Equipment	1	LS	7,842.78	7,842.78
	Electrical	0	LS	42,701.50	0.00
	Retainage withheld @ 5%	1	LS	-1,723.83	-1,723.83
	Engineering, Consulting, Technical Services: Water/Wastewater Utility Systems	1	LS	2,533.02	2,533.02
Entered: <u>[Signature]</u>					
COA Code: <u>320</u>					
Approved: <u>C 5-20-19</u>					
Paid: <u>ck # 1409</u>					
Date: <u>5/22/19</u>					
				Total	\$35,285.80
Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: uswater-ar@uswatercorp.net				Payments/Credits	\$0.00
				Balance Due	\$35,285.80

No retirement

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702 PAGE 1 OF 2 PAGES

TO OWNER:		PROJECT:	APPLICATION NO:	Distribution to:
H.C. Waterworks, Inc.		Lake Josephine WTP Upgrades	5	OWNER <input checked="" type="checkbox"/>
Attn: Joe Gabay			PERIOD TO: 04/30/19	ENGINEER <input checked="" type="checkbox"/>
4939 Cross Bayou Blvd			CONTRACT FOR: WTP Modifications	CONTRACTOR <input checked="" type="checkbox"/>
New Port Richey, FL 34652			CONTRACT DATE:	FIELD <input type="checkbox"/>
FROM CONTRACTOR:	VIA ENGINEER:	U.S. WATER ACCOUNT NO.:	709-78	OTHER <input type="checkbox"/>
U.S. Water Services Corporation	U.S. Water Services Corporation			
4939 Cross Bayou Blvd	4939 Cross Bayou Blvd			
New Port Richey, FL 34652	New Port Richey, FL 34652			

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM..... \$ 527,713.20
2. NET CHANGE BY CHANGE ORDERS..... \$ -
3. CONTRACT SUM TO DATE (Line 1 ± 2) \$ 527,713.20
4. TOTAL COMPLETED & STORED TO DATE (Column J on G703) \$ 439,775.30
5. RETAINAGE:
 - a. 5% % of Completed Work \$ 21,988.77
(Columns G + H on G703)
 - b. 5% % of Stored Material \$ -
(Columns I on G703)
 - Total Retainage (Lines 5a + 5b, or Total in Column K of G703) ... \$ 21,988.77
6. TOTAL EARNED LESS RETAINAGE..... \$ 417,786.54
(Line 4 minus Line 5 Total)
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT..... \$ 385,033.76
(Line 6 from prior Certificate)
8. CURRENT PAYMENT DUE..... **\$ 32,752.78**
9. BALANCE TO FINISH, INCLUDING RETAINAGE..... \$ 109,926.66
(Line 3 minus Line 6)

	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total changes approved this month		
TOTAL		
NET CHANGES by Change Order	\$	-

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By:

Edward Mitchell, Vice President

State of: FLORIDA County of: PASCO

Subscribed and sworn to before me this 1st day of May, 2019

Notary Public:

My Commission expires:

Christina R. Crego
January 12, 2021

Date: May 1, 2019



ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED.....\$

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:

By:

Date:

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

AIA DOCUMENT G703

PAGE 2 OF 2 PAGES

ALA Document G702TM-1992, Application and Certificate for Payment,
Application and Certificate for Payment, Construction Manager as Advisor Edition,
Containing Contractor's signed certification is attached.
In tabulations below, amounts are in US dollars.
Use Column K on Contracts where variable retainage for line items may apply.

APPLICATION NO:	5
APPLICATION DATE:	05/01/19
PERIOD TO:	04/30/19
USW ACCT NO.:	709-78

A	B	C	D	E	F		G		H	I	J		K
ITEM NO.	DESCRIPTION OF WORK	QTY	U/M	UNIT PRICE	SCHEDULED VALUE	WORK COMPLETED				MATERIALS PRESENTLY STORED (Not in G or H)	TOTAL COMPLETED AND STORED TO DATE (G+H+I)	% (J/F)	RETAINAGE VALUE OF ITEMS COMPLETED TO DATE
						%	FROM PREVIOUS APPLICATION (G +H)	%	THIS PERIOD				
1	Well Piping	1	LS	\$21,105.60	\$21,105.60	100%	\$21,105.60				\$21,105.60	100%	\$1,055.28
2	Degasifer System	1	LS	\$103,056.39	\$103,056.39	100%	\$103,056.39				\$103,056.39	100%	\$5,152.82
3	Ground Storage Bypass Piping	1	LS	\$9,920.46	\$9,920.46	75%	\$7,440.35	10%	\$992.05		\$8,432.39	85%	\$421.62
4	Hydro Tank Piping	1	LS	\$102,567.13	\$102,567.13	23%	\$23,590.44	25%	\$25,641.78		\$49,232.22	48%	\$2,461.61
5	CL2 Feed with 4/20	1	LS	\$41,276.14	\$41,276.14	100%	\$41,276.14				\$41,276.14	100%	\$2,063.81
6	GST Ammonia Feed with 4/20	1	LS	\$51,720.62	\$51,720.62	100%	\$51,720.62				\$51,720.62	100%	\$2,586.03
7	Acid Feed	1	LS	\$45,149.48	\$45,149.48	100%	\$45,149.48				\$45,149.48	100%	\$2,257.47
8	Caustic Feed	1	LS	\$31,788.09	\$31,788.09	100%	\$31,788.09				\$31,788.09	100%	\$1,589.40
9	Equipment	1	LS	\$78,427.79	\$78,427.79	75%	\$58,820.84	10%	\$7,842.78		\$66,663.62	85%	\$3,333.18
10	Electrical	1	LS	\$42,701.50	\$42,701.50	50%	\$21,350.75		\$0.00		\$21,350.75	50%	\$1,067.54
		CONTRACT SUB TOTAL			\$527,713.20		\$405,298.20		\$34,276.61	\$0.00	\$439,574.81	85%	\$21,988.77
CHANGE ORDERS													
5					\$0.00						\$0.00		\$0.00
		CHANGE ORDERS TOTAL			\$0.00		\$0.00		\$0.00	\$0.00	\$0.00		\$0.00
		GRAND TOTAL			\$527,713.20		\$405,298.20		\$34,276.61	\$0.00	\$439,574.81	85%	\$21,988.77






4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Invoice #	891457
Date	5/1/2019
Due Date	5/31/2019
Account #	704
P.O. or W.A. #	709-78R

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project					
709-78 Lake Josephine WTP Upgrades (R4B)					
Date	Description	Qty or Hrs	Unit	Rate	Amount
	Lake Josephine WTP Upgrades				
	Pay Application No 5 - Through 4/30/19				
	Well Piping	0	LS	21,105.60	0.00
	Degasifier System	0	LS	103,056.39	0.00
	Ground Storage Bypass Piping	0	LS	992.05	0.00
	Hydro Tank Piping	0	LS	25,641.78	0.00
	CL2 Feed with 4/20	0	LS	41,276.14	0.00
	GST Ammonia Feed with 4/20	0	LS	51,720.62	0.00
	Acid Feed	0	LS	45,149.48	0.00
	Caustic Feed	0	LS	31,788.09	0.00
	Equipment	0	LS	7,842.78	0.00
	Electrical	0	LS	42,701.50	0.00
	Retainage withheld @ 5%	1	LS	1,723.83	1,723.83
	Engineering, Consulting, Technical Services: Water/Wastewater Utility Systems	1	LS	0.00	0.00
Entered: 					
COA Code: 320					
Approved:  5-20-19					
Paid:  1409					
Date: 5/22/19					
			Total	\$1,723.83	
Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: uswater-ar@uswatercorp.net			Payments/Credits	\$0.00	
			Balance Due	\$1,723.83	

No Retiremen +




4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

Invoice #	895230
Date	7/23/2019
Due Date	8/22/2019
Account #	704
P.O. or W.A. #	709-78

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project					
709-78 Lake Josephine WTP Upgrades (R4B)					
Date	Description	Qty or Hrs	Unit	Rate	Amount
	Lake Josephine WTP Upgrades				
	Pay Application No 6 - For Work Completed through 7/22/2019				
	Well Piping	0	LS	21,105.60	0.00
	Degasifier System	0	LS	103,056.39	0.00
	Ground Storage Bypass Piping	1	LS	496.02	496.02
	Hydro Tank Piping	1	LS	43,078.19	43,078.19
	CL2 Feed with 4/20	0	LS	41,276.14	0.00
	GST Ammonia Feed with 4/20	0	LS	51,720.62	0.00
	Acid Feed	0	LS	45,149.48	0.00
	Caustic Feed	0	LS	31,788.09	0.00
	Equipment	1	LS	3,921.39	3,921.39
	Electrical	1	LS	17,080.60	17,080.60
	Retainage withheld @ 5%	1	LS	3,228.81	3,228.81
	Engineering, Consulting, Technical Services: Water/Wastewater Utility Systems	1	LS	5,488.22	5,488.22
Entered: 					
COA Code: <u>330</u>					
Approved: <u>E</u> <u>7-23-19</u>					
Paid: <u>CH 1426</u>					
Date: <u>7/26/19</u>					
				Total	\$66,835.61
Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: uswater-ar@uswatercorp.net				Payments/Credits	\$0.00
				Balance Due	\$66,835.61

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702 PAGE 1 OF 2 PAGES

TO OWNER:		PROJECT:	APPLICATION NO:	6	Distribution to: OWNER <input checked="" type="checkbox"/> ENGINEER <input checked="" type="checkbox"/> CONTRACTOR <input checked="" type="checkbox"/> FIELD <input type="checkbox"/> OTHER <input type="checkbox"/>
H.C. Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Blvd New Port Richey, FL 34652		Lake Josephine WTP Upgrades	PERIOD TO:	07/22/19	
FROM CONTRACTOR:		VIA ENGINEER:	CONTRACT FOR:	WTP Modifications	
U.S. Water Services Corporation 4939 Cross Bayou Blvd New Port Richey, FL 34652		U.S. Water Services Corporation 4939 Cross Bayou Blvd New Port Richey, FL 34652	CONTRACT DATE:		
			U.S. WATER ACCOUNT NO.:	709-78	

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

- | | | |
|---|----|------------|
| 1. ORIGINAL CONTRACT SUM..... | \$ | 527,713.20 |
| 2. NET CHANGE BY CHANGE ORDERS..... | \$ | - |
| 3. CONTRACT SUM TO DATE (Line 1 + 2)..... | \$ | 527,713.20 |
| 4. TOTAL COMPLETED & STORED TO DATE (Column J on G703)..... | \$ | 504,351.51 |
| 5. RETAINAGE: | | |
| a. 5% % of Completed Work | \$ | 25,217.58 |
| (Columns G + H on G703) | | |
| b. 5% % of Stored Material | \$ | - |
| (Columns I on G703) | | |
| Total Retainage (Lines 5a + 5b, or Total in Column K of G703) ... | \$ | 25,217.58 |
| 6. TOTAL EARNED LESS RETAINAGE..... | \$ | 479,133.94 |
| (Line 4 minus Line 5 Total) | | |
| 7. LESS PREVIOUS CERTIFICATES FOR PAYMENT..... | \$ | 417,786.54 |
| (Line 6 from prior Certificate) | | |
| 8. CURRENT PAYMENT DUE..... | \$ | 61,347.40 |
| 9. BALANCE TO FINISH, INCLUDING RETAINAGE..... | \$ | 48,579.26 |
| (Line 3 minus Line 6) | | |

	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total changes approved this month		
TOTAL		
NET CHANGES by Change Order	\$	-

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

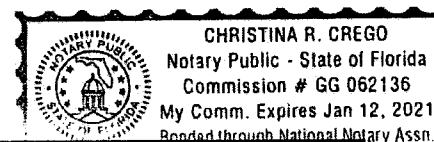
CONTRACTOR:

By: Edward Mitchell

Edward Mitchell, Vice President

Date: July 23, 2019State of: FLORIDA County of: PASCOSubscribed and sworn to before me this 23rd day of July, 2019

Notary Public:

Christina R. CregoMy Commission expires: January 12, 2021

ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED.....\$
(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:

By: _____

Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

AIA DOCUMENT G703

PAGE 2 OF 2 PAGES

AIA Document G702™-1992, Application and Certificate for Payment,
Application and Certificate for Payment, Construction Manager as Advisor Edition,
Containing Contractor's signed certification is attached.
In tabulations below, amounts are in US dollars.

APPLICATION NO: 6
APPLICATION DATE: 07/23/19
PERIOD TO: 07/22/19
USW ACCT NO.: 709-78

Use Column K on Contracts where variable retainage for line items may apply.

Use Column K on Contracts where variable retainage for line items may apply.													
A	B	C	D	E	F		G		H	I	J	K	
ITEM NO.	DESCRIPTION OF WORK	QTY	U/M	UNIT PRICE	SCHEDULED VALUE	WORK COMPLETED				MATERIALS PRESENTLY STORED (Not in G or H)	TOTAL COMPLETED AND STORED TO DATE (G+H+I)	% (J/F)	RETAINAGE VALUE OF ITEMS COMPLETED TO DATE
						%	FROM PREVIOUS APPLICATION (G +H)	%	THIS PERIOD				
1	Well Piping	1	LS	\$21,105.60	\$21,105.60	100%	\$21,105.60				\$21,105.60	100%	\$1,055.28
2	Degasifier System	1	LS	\$103,056.39	\$103,056.39	100%	\$103,056.39				\$103,056.39	100%	\$5,152.82
3	Ground Storage Bypass Piping	1	LS	\$9,920.46	\$9,920.46	85%	\$8,432.39	5%	\$496.02		\$8,928.41	90%	\$446.42
4	Hydro Tank Piping	1	LS	\$102,567.13	\$102,567.13	48%	\$49,232.22	42%	\$43,078.19		\$92,310.42	90%	\$4,615.52
5	CL2 Feed with 4/20	1	LS	\$41,276.14	\$41,276.14	100%	\$41,276.14				\$41,276.14	100%	\$2,063.81
6	GST Ammonia Feed with 4/20	1	LS	\$51,720.62	\$51,720.62	100%	\$51,720.62				\$51,720.62	100%	\$2,586.03
7	Acid Feed	1	LS	\$45,149.48	\$45,149.48	100%	\$45,149.48				\$45,149.48	100%	\$2,257.47
8	Caustic Feed	1	LS	\$31,788.09	\$31,788.09	100%	\$31,788.09				\$31,788.09	100%	\$1,589.40
9	Equipment	1	LS	\$78,427.79	\$78,427.79	85%	\$66,663.62	5%	\$3,921.39		\$70,585.01	90%	\$3,529.25
10	Electrical	1	LS	\$42,701.50	\$42,701.50	50%	\$21,350.75	40%	\$17,080.60		\$38,431.35	90%	\$1,921.57
CONTRACT SUB-TOTAL					\$527,713.20		\$439,775.30		\$64,576.21	\$0.00	\$504,351.51	96%	\$25,217.58
CHANGE ORDERS													
					\$0.00						\$0.00		\$0.00
5						\$0.00		\$0.00	\$0.00	\$0.00	\$0.00		\$0.00
CHANGE ORDERS TOTAL					\$0.00		\$0.00		\$0.00	\$0.00	\$0.00		\$0.00
GRAND TOTAL													
					\$527,713.20		\$439,775.30		\$64,576.21	\$0.00	\$504,351.51	96%	\$25,217.58



4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Invoice #	895231
Date	7/23/2019
Due Date	8/22/2019
Account #	704
P.O. or W.A. #	709-78R

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project
709-78 Lake Josephine WTP Upgrades (R4B)

Date	Description	Qty or Hrs	Unit	Rate	Amount
	Lake Josephine WTP Upgrades				
	Pay Application No 6 - For Work Completed through 7/22/2019				
	Well Piping	0	LS	21,105.60	0.00
	Degasifier System	0	LS	103,056.39	0.00
	Ground Storage Bypass Piping	0	LS	496.02	0.00
	Hydro Tank Piping	0	LS	43,078.19	0.00
	Cl ₂ Feed with 4/20	0	LS	41,276.14	0.00
	GST Ammonia Feed with 4/20	0	LS	51,720.62	0.00
	Acid Feed	0	LS	45,149.48	0.00
	Caustic Feed	0	LS	31,788.09	0.00
	Equipment	0	LS	3,921.39	0.00
	Electrical	0	LS	17,080.60	0.00
	Retainage withheld @ 5%	1	LS	3,228.81	3,228.81
	Engineering, Consulting, Technical Services: Water/Wastewater Utility Systems	0	LS	5,488.22	0.00
<p>Entered: <u> </u></p> <p>COA Code: <u>320</u></p> <p>Approved: <u>C 7-25-19</u></p> <p>Paid: <u> </u></p> <p>Date: <u> </u></p>					

Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: uswater-ar@uswatercorp.net	Total	\$3,228.81
	Payments/Credits	\$0.00
	Balance Due	\$3,228.81




4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Invoice #	897092
Date	9/3/2019
Due Date	10/3/2019
Account #	704
P.O. or W.A. #	709-78

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project					
709-78 Lake Josephine WTP Upgrades (R4B)					
Date	Description	Qty or Hrs	Unit	Rate	Amount
	Lake Josephine WTP Upgrades				
	Pay Application No 7 - FINAL (7/23/2019-8/31/2019)				
	Well Piping	0	LS	21,105.60	0.00
	Degasifier System	0	LS	103,056.39	0.00
	Ground Storage Bypass Piping	1	LS	992.05	992.05
	Hydro Tank Piping	1	LS	10,256.71	10,256.71
	CL2 Feed with 4/20	0	LS	41,276.14	0.00
	GST Ammonia Feed with 4/20	0	LS	51,720.62	0.00
	Acid Feed	0	LS	45,149.48	0.00
	Caustic Feed	0	LS	31,788.09	0.00
	Equipment	1	LS	7,842.78	7,842.78
	Electrical	1	LS	4,270.15	4,270.15
	Engineering, Consulting, Technical Services: Water/Wastewater Utility Systems	1	LS	1,688.68	1,688.68
	FINAL INVOICE NO RETAINAGE WITHHELD				
	Entered: 				
	COA Code: <u>330</u>				
	Approved: <u>e</u> <u>9-6-19</u>				
	Paid: <u>ek # 2004</u>				
	Date: <u>9/27/19</u>				
			Total		\$25,050.37
Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: uswater-ar@uswatercorp.net			Payments/Credits		\$0.00
			Balance Due		\$25,050.37

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702 PAGE 1 OF 2 PAGES

TO OWNER:

H.C. Waterworks, Inc.
Attn: Joe Gabay
4939 Cross Bayou Blvd
New Port Richey, FL 34652

PROJECT: Lake Josephine WTP Upgrades

APPLICATION NO: 7 - FINAL
PERIOD TO: 08/31/19
CONTRACT FOR: WTP Modifications
CONTRACT DATE:
U.S. WATER ACCOUNT NO.: 709-78

Distribution to:
OWNER ☒
ENGINEER ☒
CONTRACTOR ☒
FIELD ☐
OTHER ☐

FROM CONTRACTOR:

U.S. Water Services Corporation
4939 Cross Bayou Blvd
New Port Richey, FL 34652

VIA ENGINEER:

U.S. Water Services Corporation
4939 Cross Bayou Blvd
New Port Richey, FL 34652

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: Edward Mitchell
By: _____

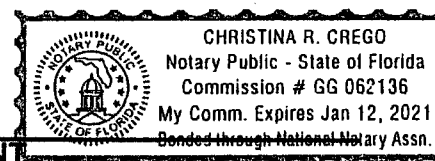
Date: September 3, 2019

Edward Mitchell, Vice President

State of: FLORIDA County of: PASCO

Subscribed and sworn to before me this 3rd day of September, 2019

Notary Public: Christina R. Grego
My Commission expires: January 12, 2021



ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED: \$ _____
(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:

By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

1. ORIGINAL CONTRACT SUM..... \$ 527,713.20
2. NET CHANGE BY CHANGE ORDERS..... \$ -
3. CONTRACT SUM TO DATE (Line 1 + 2)..... \$ 527,713.20
4. TOTAL COMPLETED & STORED TO DATE (Column J on G703) \$ 527,713.20
5. RETAINAGE:
 - a. 0% % of Completed Work \$ -
(Columns G + H on G703)
 - b. 0% % of Stored Material \$ -
(Columns I on G703)

Total Retainage (Lines 5a + 5b, or Total in Column K of G703) ... \$ -
6. TOTAL EARNED LESS RETAINAGE..... \$ 527,713.20
(Line 4 minus Line 5 Total)
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT..... \$ 479,133.94
(Line 6 from prior Certificate)
8. CURRENT PAYMENT DUE..... \$ 47,579.26
9. BALANCE TO FINISH, INCLUDING RETAINAGE..... \$ -
(Line 3 minus Line 6)

	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total changes approved this month		
TOTAL		
NET CHANGES by Change Order	\$	-

CONTINUATION SHEET AIA DOCUMENT G703 PAGE 2 OF 2 PAGES

AIA Document G702 TM -1992, Application and Certificate for Payment, Application and Certificate for Payment, Construction Manager as Advisor Edition, Containing Contractor's signed certification is attached.	APPLICATION NO: APPLICATION DATE: PERIOD TO:	7 - FINAL 09/03/19 08/31/19
---	--	-----------------------------------

USW ACCT NO.: 709-78

Use Column K on Contracts where variable retainage for line items may apply.

APPLICATION NO: 7 - FINAL

APPLICATION DATE: 09/03/19

PERIOD TO: 08/31/19

USW ACCT NO.: 709-78

A	B	C	D	E	F		G		H	I	J	K	
ITEM NO.	DESCRIPTION OF WORK	QTY	U/M	UNIT PRICE	SCHEDULED VALUE	WORK COMPLETED				MATERIALS PRESENTLY STORED <i>(Not in G or H)</i>	TOTAL COMPLETED AND STORED TO DATE <i>(G+H+I)</i>	% (J/F)	RETAINAGE VALUE OF ITEMS COMPLETED TO DATE
						%	FROM PREVIOUS APPLICATION <i>(G +H)</i>	%	THIS PERIOD				
1	Well Piping	1	LS	\$21,105.60	\$21,105.60	100%	\$21,105.60				\$21,105.60	100%	\$0.00
2	Degasifer System	1	LS	\$103,056.39	\$103,056.39	100%	\$103,056.39				\$103,056.39	100%	\$0.00
3	Ground Storage Bypass Piping	1	LS	\$9,920.46	\$9,920.46	90%	\$8,928.41	10%	\$992.05		\$9,920.46	100%	\$0.00
4	Hydro Tank Piping	1	LS	\$102,567.13	\$102,567.13	90%	\$92,310.42	10%	\$10,256.71		\$102,567.13	100%	\$0.00
5	CL2 Feed with 4/20	1	LS	\$41,276.14	\$41,276.14	100%	\$41,276.14				\$41,276.14	100%	\$0.00
6	GST Ammonia Feed with 4/20	1	LS	\$51,720.62	\$51,720.62	100%	\$51,720.62				\$51,720.62	100%	\$0.00
7	Acid Feed	1	LS	\$45,149.48	\$45,149.48	100%	\$45,149.48				\$45,149.48	100%	\$0.00
8	Caustic Feed	1	LS	\$31,788.09	\$31,788.09	100%	\$31,788.09				\$31,788.09	100%	\$0.00
9	Equipment	1	LS	\$78,427.79	\$78,427.79	90%	\$70,585.01	10%	\$7,842.78		\$78,427.79	100%	\$0.00
10	Electrical	1	LS	\$42,701.50	\$42,701.50	90%	\$38,431.35	10%	\$4,270.15		\$42,701.50	100%	\$0.00
		CONTRACT SUB-TOTAL				\$527,713.20	\$504,351.51		\$23,361.69	\$0.00	\$527,713.20	100%	\$0.00
CHANGE ORDERS													
5					\$0.00						\$0.00		\$0.00
		CHANGE ORDERS TOTAL				\$0.00	\$0.00		\$0.00	\$0.00	\$0.00		\$0.00



REQUEST FOR CHECK

TO: *Florida Department of Environmental Protection*

AMOUNT: **\$2,000.00**

FOR: Permit Application Fee

Date: 7/11/2017

JOB#: HC Waterworks – Lake Josephine Water Systems Sulfide Removal System

ACCOUNT CODE:

PREPARED BY: Mo Kader, P.E.

APPROVAL:

Mo Kader
7/11/2017 @ 7-12-17



FLORIDA DEPARTMENT OF Environmental Protection

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@FloridaDEP.gov

Rick Scott
Governor
Carlos Lopez-Cantera
Lt. Governor
Noah Valenstein
Secretary

October 1, 2018

Troy Rendell
HC Waterworks
4939 Cross Bayou Boulevard
New Port Richey, FL 34652
TRendell@uswatercorp.net

Re: Highlands County – Potable Water Program
OGC Case No. 18-1214
Site # 6280064 / Project # Leisure Lake WTP

Dear Mr. Rendell:

Enclosed is the signed and entered Consent Order to resolve the above referenced case. This copy is for your records. Please note that all compliance dates begin from the date of entry of this Order, which is October 1, 2018.

Upon satisfactory completion of all conditions of the Order, we will close this case and place it in our inactive file.

If you have any questions, please contact Ryan Snyder at ryan.snyder@Floridadep.gov or 239-344-5695. Your cooperation in resolving this case is appreciated.

Sincerely,

A handwritten signature in black ink, appearing to read "Jon M. Iglehart", is written over a horizontal line.

Jon M. Iglehart
Director of District Management

Enclosure: Executed Consent Order

cc: Lea Crandall, FDEP Agency_Clerk@dep.state.fl.us

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA DEPARTMENT)
OF ENVIRONMENTAL PROTECTION)
)
v.)
)
HC WATERWORKS, INC.)
_____)

IN THE OFFICE OF THE
SOUTH DISTRICT

OGC FILE NO. 18-1214

CONSENT ORDER

This Consent Order ("Order") is entered into between the State of Florida Department of Environmental Protection ("Department") and HC Waterworks, Inc. ("Respondent") to reach settlement of certain matters at issue between the Department and Respondent.

The Department finds and Respondent admits the following:

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida's water resources and to administer and enforce the provisions of the Florida Safe Drinking Water Act, Sections 403.850, et seq., Florida Statutes ("F.S."), and the rules promulgated and authorized in Title 62, Florida Administrative Code ("F.A.C."). The Department has jurisdiction over the matters addressed in this Order.
2. Respondent is a person within the meaning of Section 403.852(5), F.S.
3. Respondent is the owner and operator of a Community Water System, PWS No. 6280064, located at 140 Woodside Drive, Lake Placid, FL 33852, in Highlands County, Florida ("System").
4. The Department finds that Respondent is in violation of Rule 62-550.310(3), F.A.C, which establishes the maximum contaminant level ("MCL") for the five haloacetic acids ("HAA5s") as 0.060 mg/L. The running annual average results for samples collected from the System on February 21, 2017 and April 3, 2017 for HAA5s are 0.062 mg/L and 0.067mg/L.

Having reached a resolution of the matter Respondent and the Department mutually agree and it is

ORDERED:

5. Respondent shall comply with the following corrective actions within the stated time periods:

a) Within 365 days of the effective date of this Order, Respondent shall complete the modifications within permit # 349439-003-WC issued on September 14, 2018 and submit a Certification of Completion, prepared and sealed by a professional engineer registered in the State of Florida, along with all supporting documentation. Respondent shall not place the System modifications into service until Respondent receives written Department clearance.

b) If the permitted modifications are determined by the Department to be inadequate to resolve the MCL violation(s), the Department will notify the Respondent in writing. Within 30 days of receipt of such written notification from the Department, Respondent shall submit an alternate proposal to address the MCL violation(s). Respondent shall provide all information requested in any RFIs issued by the Department within 15 days of receipt of each request. Within 60 days of the date the Department receives the proposal required by this subparagraph, Respondent shall provide all information necessary to complete the application for modification.

c) Respondent shall submit written quarterly updates on the status of the permitted modifications. Updates shall be submitted to the Department within 10 days following the end of each calendar quarter until the modifications are complete and cleared for service.

6. Respondent agrees to pay the Department stipulated penalties in the amount of \$100 per day for each and every day Respondent fails to timely comply with any of the requirements of paragraph 5 of this Order. The Department may demand stipulated penalties at any time after violations occur. Respondent shall pay stipulated penalties owed within 30 days of the Department's issuance of written demand for payment, and shall do so as further described in paragraph 7 or 8, below. Nothing in this paragraph shall prevent the Department from filing suit to specifically enforce any terms of this Order.

7. Respondent shall make all payments required by this Order by cashier's check, money order or on-line payment. Cashier's check or money order shall be made payable to the "Department of Environmental Protection" and shall include both the OGC number assigned to this Order and the notation "Water Quality Assurance Trust Fund." Online payments by e-check can be made by going to the DEP Business Portal at: <http://www.fldepportal.com/go/pay/>. It will take a number of days after this order becomes final and effective filed with the Clerk of the Department before ability to make online payment is available.

8. Except as otherwise provided, all submittals and payments required by this Order shall be sent to, Department of Environmental Protection, South District Office, 2295 Victoria Avenue, Suite 364, P.O. Box 2549, Fort Myers, FL 33902-2549.

9. Respondent shall allow all authorized representatives of the Department access to the Facility and the Property at reasonable times for the purpose of determining compliance with the terms of this Order and the rules and statutes administered by the Department.

10. If any event, including administrative or judicial challenges by third parties unrelated to Respondent, occurs which causes delay or the reasonable likelihood of delay in complying with the requirements of this Order, Respondent shall have the burden of proving the delay was or will be caused by circumstances beyond the reasonable control of Respondent and could not have been or cannot be overcome by Respondent's due diligence. Neither economic circumstances nor the failure of a contractor, subcontractor, materialman, or other agent (collectively referred to as "contractor") to whom responsibility for performance is delegated to meet contractually imposed deadlines shall be considered circumstances beyond the control of Respondent (unless the cause of the contractor's late performance was also beyond the contractor's control). Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, Respondent shall notify the Department by the next working day and shall, within seven calendar days notify the Department in writing of (a) the anticipated length and cause of the delay, (b) the measures taken or to be taken to prevent or minimize the delay, and (c) the timetable by which Respondent intends to implement these

measures. If the parties can agree that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of Respondent, the time for performance hereunder shall be extended. The agreement to extend compliance must identify the provision or provisions extended, the new compliance date or dates, and the additional measures Respondent must take to avoid or minimize the delay, if any. Failure of Respondent to comply with the notice requirements of this paragraph in a timely manner constitutes a waiver of Respondent's right to request an extension of time for compliance for those circumstances.

11. The Department, for and in consideration of the complete and timely performance by Respondent of all the obligations agreed to in this Order, hereby conditionally waives its right to seek judicial imposition of damages or civil penalties for the violations described above up to the date of the filing of this Order. This waiver is conditioned upon Respondent's complete compliance with all of the terms of this Order.

12. This Order is a settlement of the Department's civil and administrative authority arising under Florida law to resolve the matters addressed herein. This Order is not a settlement of any criminal liabilities which may arise under Florida law, nor is it a settlement of any violation which may be prosecuted criminally or civilly under federal law. Entry of this Order does not relieve Respondent of the need to comply with applicable federal, state, or local laws, rules, or ordinances.

13. The Department hereby expressly reserves the right to initiate appropriate legal action to address any violations of statutes or rules administered by the Department that are not specifically resolved by this Order.

14. Respondent is fully aware that a violation of the terms of this Order may subject Respondent to judicial imposition of damages, civil penalties up to \$5,000.00 per day per violation, and criminal penalties.

15. Respondent acknowledges and waives its right to an administrative hearing pursuant to sections 120.569 and 120.57, F.S., on the terms of this Order. Respondent also

acknowledges and waives its right to appeal the terms of this Order pursuant to section 120.68, F.S.

16. Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both Respondent and the Department, and filed with the clerk of the Department.

17. The terms and conditions set forth in this Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, F.S. Failure to comply with the terms of this Order constitutes a violation of section 403.161(1)(b), F.S.

18. This Consent Order is a final order of the Department pursuant to section 120.52(7), F.S., and it is final and effective on the date filed with the Clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, F.S. Upon the timely filing of a petition, this Consent Order will not be effective until further order of the Department.

Persons who are not parties to this Consent Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under sections 120.569 and 120.57, Florida Statutes. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Consent Order means that the Department's final action may be different from the position it has taken in the Consent Order.

The petition for administrative hearing must contain all of the following information:

- a) The OGC Number assigned to this Consent Order;
- b) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding;
- c) An explanation of how the petitioner's substantial interests will be affected by the Consent Order;
- d) A statement of when and how the petitioner received notice of the Consent Order;

- e) Either a statement of all material facts disputed by the petitioner or a statement that the petitioner does not dispute any material facts;
- f) A statement of the specific facts the petitioner contends warrant reversal or modification of the Consent Order;
- g) A statement of the rules or statutes the petitioner contends require reversal or modification of the Consent Order; and
- h) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Consent Order.

The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing to the District Office at 2295 Victoria Avenue, Fort Myers, Florida 33902. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under sections 120.569 and 120.57, Florida Statutes. Before the deadline for filing a petition, a person whose substantial interests are affected by this Consent Order may choose to pursue mediation as an alternative remedy under section 120.573, Florida Statutes. Choosing mediation will not adversely affect such person's right to request an administrative hearing if mediation does not result in a settlement. Additional information about mediation is provided in section 120.573, Florida Statutes and Rule 62-110.106(12), Florida Administrative Code.

19. Rules referenced in this Order are available at
<https://softlive.dep.state.fl.us/ogc/ogc/content/rules>.

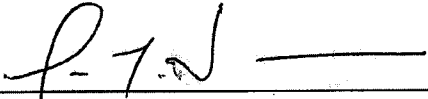
FOR THE RESPONDENT.

Gary Deremer
President

Date

DONE AND ORDERED this 1st day of OCTOBER, 2018, in LEE County, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jon Iglehart
District Director
South District

Filed, on this date, pursuant to section 120.52, F.S., with the designated Department Clerk,
receipt of which is hereby acknowledged.



Clerk

10-1-18

Date

Copies furnished to:

Lea Crandall, Agency Clerk
Mail Station 35

HC WATERWORKS, INC.

HC Waterworks, Inc.
Attn: Troy Rendell
4939 Cross Bayou Boulevard
New Port Richey, FL 34652

RE: Leisure Lakes Water Treatment Plant Modifications

To Whom It May Concern,

HC Waterworks, Inc. (OWNER) is requesting a proposal for the installation of a Hydrogen Sulfide Removal System at the Leisure Lakes Water Treatment Plant in Highlands County, Florida. Per the plans dated September 24, 2018.

PROJECT DESCRIPTION: The Water treatment plant upgrades will include the installation of forced draft aeration system, sulfuric acid feed system, sodium hydroxide feed system, 4,000 gallon hydro pneumatics tank, associated piping and injection points, new high service pumps & controls. Generator and transfer switch.

Find attached the proposed schedule of values on page 2 of this document.

If you have any additional questions or concerns, please contact me at (727) 848-8292 ext. 222.

Respectfully,

Troy Rendell
Vice President
Investor Owned Utilities
/// For HC Waterworks, Inc.

HC WATERWORKS, INC.

MOBILIZATION/ DEMOBILIZATION	<u>\$55,800.00</u>
DEMOLITION	<u>\$19,898.00</u>
DEGASIFICATION SYSTEM	<u>\$133,500.00</u>
SULFURIC ACID & SODIUM HYDROXIDE FEED SYSTEM	<u>\$74,900.00</u>
GENERATOR & AUTO TRANSFER SWITCH	<u>\$79,000.00</u>
HYDRO-PNEUMATIC TANK	<u>\$78,500.00</u>
HIGH SERVICE PUMPS & CONTROLS	<u>\$37,585.00</u>
WELL PIPING	<u>\$28,656.00</u>
ELECTRICAL & CONTROLS	<u>\$88,765.00</u>
TOTAL PRICE	<u>\$596,604.00</u>

DATE: 9/20/2018

COMPANY NAME: Marolf Environmental, Inc.

PROPOSER SIGNATURE: _____

PRINTED NAME/ TITLE: Donnie Fraize

QUOTE



4430 Erie Drive
New Port Richey, Florida 34652
Phone (727) 843-0681
Fax (727) 843-0650
License # CGC15111379

Date: 9/13/2018

Job Number:

TO: HC Waterworks

ATTN: Troy Rendell

RE: Leisure Lakes Water Treatment Plant Modifications

Qty	Unit	DESCRIPTION	Price Each	Amount
	EA	Mobilization	\$ 55,800.00	\$ 55,800.00
1	EA	Demolition	\$ 19,898.00	\$ 19,898.00
1	EA	Sulfuric Acid/Sodium Feed System	\$ 74,900.00	\$ 74,900.00
1	EA	Degasification System	\$ 133,500.00	\$ 133,500.00
1	Ea	Hydro Tank	\$ 78,500.00	\$ 78,500.00
1	EA	Generator w/ATS	\$ 79,000.00	\$ 79,000.00
1	EA	High Service Pumps w/Panel	\$ 37,585.00	\$ 37,585.00
1	EA	Piping at Well Site	\$ 28,656.00	\$ 28,656.00
1	EA	Electrical & Conrol Wiring	\$ 88,765.00	\$ 88,765.00
				\$ -
				\$ -
				\$ -
				\$ -
TOTAL				\$ 596,604.00

Accepted: _____

Date: _____

By: Donnie Fraize _____

IIC WATERWORKS, INC.

MOBILIZATION/ DEMOBILIZATION	\$ <u>56,637.00</u>
DEMOLITION	\$ <u>16,965.59</u>
DEGASIFICATION SYSTEM	\$ <u>138,073.15</u>
SULFURIC ACID & SODIUM HYDROXIDE FEED SYSTEM	\$ <u>74,461.29</u>
GENERATOR & AUTO TRANSFER SWITCH	\$ <u>71,686.70</u>
HYDRO-PNEUMATIC TANK	\$ <u>75,049.12</u>
HIGH SERVICE PUMPS & CONTROLS	\$ <u>33,860.00</u>
WELL PIPING	\$ <u>23,915.67</u>
ELECTRICAL & CONTROLS	\$ <u>88,065.60</u>
TOTAL PRICE	\$ <u>578,714.12</u>

DATE: 9/22/2018

COMPANY NAME: BJ Enterprises, Inc

PROPOSER SIGNATURE: Michael Farrar

PRINTED NAME/ TITLE: Michael Farrar, Estimator

HC WATERWORKS, INC.

HC Waterworks, Inc.
Attn: Troy Rendell
4939 Cross Bayou Boulevard
New Port Richey, FL 34652

RE: Leisure Lakes Water Treatment Plant Modifications

To Whom It May Concern,

HC Waterworks, Inc. (OWNER) is requesting a proposal for the Installation of a Hydrogen Sulfide Removal System at the Leisure Lakes Water Treatment Plant in Highlands County, Florida. Per the plans dated September 24, 2018.

PROJECT DESCRIPTION: The Water treatment plant upgrades will include the Installation of forced draft aeration system, sulfuric acid feed system, sodium hydroxide feed system, 4,000 gallon hydro pneumatics tank, associated piping and injection points, new high service pumps & controls. Generator and transfer switch.

Find attached the proposed schedule of values on page 2 of this document.

If you have any additional questions or concerns, please contact me at (727) 848-8292 ext. 222.

Respectfully,

Troy Rendell
Vice President
Investor Owned Utilities
/// For HC Waterworks, Inc.

4939 Cross Bayou Boulevard, New Port Richey, FL 34652
Tel: (866) 753-8292 Fax: (727) 848-7701



4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

Invoice #	891460
Date	5/1/2019
Due Date	5/31/2019
Account #	704
P.O. or W.A. #	709-102

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project					
709-102 Leisure Lakes WTP Mods (R4B)					
Date	Description	Qty or Hrs	Unit	Rate	Amount
	Leisure Lake WTP Modifications				
	Pay Application No 1 - Through 4/30/2019	1	LS	128,010.84	128,010.84
	Retainage withheld @ 10%	1	LS	-12,801.08	-12,801.08
	Engineering, Consulting, Technical Services: Water/Wastewater Utility Systems	1	LS	10,354.99	10,354.99
				Total	\$125,564.75
Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: uswater-ar@uswatercorp.net				Payments/Credits	\$0.00
				Balance Due	\$125,564.75



4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

Invoice #	891461
Date	5/1/2019
Due Date	5/31/2019
Account #	704
P.O. or W.A. #	709-102R

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project
709-102 Leisure Lakes WTP Mods (R4B)

Date	Description	Qty or Hrs	Unit	Rate	Amount
	Leisure Lake WTP Modifications				
	Pay Application No 1 - Through 4/30/2019	0	LS	128,010.84	0.00
	Retainage withheld @ 10%	1	LS	12,801.08	12,801.08
	Engineering, Consulting, Technical Services: Water/Wastewater Utility Systems	0	LS	10,354.99	0.00
				Total	\$12,801.08
Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: uswater-ar@uswatercorp.net				Payments/Credits	\$0.00
				Balance Due	\$12,801.08

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702 PAGE 1 OF 2 PAGES

TO OWNER:		PROJECT:	APPLICATION NO:	Distribution to: OWNER <input checked="" type="checkbox"/> ENGINEER <input checked="" type="checkbox"/> CONTRACTOR <input checked="" type="checkbox"/> FIELD <input type="checkbox"/> OTHER <input type="checkbox"/>
H.C. Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Blvd New Port Richey, FL 34652		Leisure Lakes WTP Modifications	1	
FROM CONTRACTOR:		VIA ENGINEER:	PERIOD TO: 04/30/19	
U.S. Water Services Corporation 4939 Cross Bayou Blvd New Port Richey, FL 34652		U.S. Water Services Corporation 4939 Cross Bayou Blvd New Port Richey, FL 34652	CONTRACT FOR: WTP Modifications	
			CONTRACT DATE:	
			U.S. WATER ACCOUNT NO.:	709-102

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM.....	\$	539,322.24
2. NET CHANGE BY CHANGE ORDERS.....	\$	-
3. CONTRACT SUM TO DATE (Line 1 + 2).....	\$	539,322.24
4. TOTAL COMPLETED & STORED TO DATE (Column J on G703).....	\$	128,010.84
5. RETAINAGE:		
a. 10% % of Completed Work (Columns G + H on G703)	\$	12,801.08
b. 10% % of Stored Material (Columns I on G703)	\$	-
Total Retainage (Lines 5a + 5b, or Total in Column K of G703) ...	\$	12,801.08
6. TOTAL EARNED LESS RETAINAGE.....	\$	115,209.76
(Line 4 minus Line 5 Total)		
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT.....	\$	-
(Line 6 from prior Certificate)		
8. CURRENT PAYMENT DUE.....	\$	115,209.76
9. BALANCE TO FINISH, INCLUDING RETAINAGE.....	\$	424,112.48
(Line 3 minus Line 6)		

	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total changes approved this month		
TOTAL		
NET CHANGES by Change Order	\$	-

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By: Edward Mitchell

Date: May 1, 2019

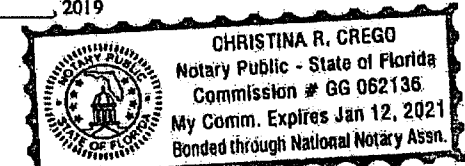
Edward Mitchell, Vice President

State of: FLORIDA County of: PASCO

Subscribed and sworn to before me this 1st day of May, 2019

Notary Public:

My Commission expires: January 15, 2021



ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED.....\$

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:

By: _____

Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

AIA DOCUMENT G703

PAGE 2 OF 2 PAGES

AIA Document G703™-1992, Application and Certificate for Payment,
Application and Certificate for Payment, Construction Manager as Advisor Edition,
Containing Contractor's signed certification is attached.
In tabulations below, amounts are in US dollars.
Use Column K on Contracts where variable retainage for line items may apply.

APPLICATION NO: 1
APPLICATION DATE: 05/01/19
PERIOD TO: 04/30/19
USW-ACCT NO: 709-102

A	B	C	D	E	F	G	H	I	J	K			
ITEM NO.	DESCRIPTION OF WORK	QT Y	U/M	UNIT PRICE	SCHEDULE D VALUE	WORK COMPLETED				MATERIALS PRESENTLY STORED (Not in G or H)	TOTAL COMPLETED AND STORED TO DATE (G+H+I)	% (J/F)	RETAINAGE VALUE OF ITEMS COMPLETED TO DATE
						%	FROM PREVIOUS APPLICATION (G+H)	%	THIS PERIOD				
1	MOBILIZATION/ DEMOBILIZATION	1	LS	\$52,932.00	\$52,932.00	\$0.00	30%	\$15,879.60	\$15,879.60	30%	\$1,587.96		
2	DEMOLITION	1	LS	\$18,851.04	\$18,851.04	\$0.00		\$0.00	\$0.00	0%	\$0.00		
3	DEGASIFICATION SYSTE,	1	LS	\$124,390.23	\$124,390.23	\$0.00	30%	\$37,317.07	\$37,317.07	30%	\$3,731.71		
4	SULFURIC ACID & SODIUM HYDROXIDE FE	1	LS	\$70,915.51	\$70,915.51	\$0.00	50%	\$35,457.76	\$35,457.76	50%	\$3,545.78		
5	GENERATOR & AUTO TRANSFER SWITCH	1	LS	\$67,629.78	\$67,629.78	\$0.00		\$0.00	\$0.00	0%	\$0.00		
6	HYDRO-PNEUMATIC TANK	1	LS	\$72,863.22	\$72,863.22	\$0.00	25%	\$18,215.81	\$18,215.81	25%	\$1,821.58		
7	HIGH SERVICE PUMPS & CONTROLS	1	LS	\$31,065.46	\$31,065.46	\$0.00	25%	\$7,766.37	\$7,766.37	25%	\$776.64		
8	WELL PIPING	1	LS	\$22,045.00	\$22,045.00	\$0.00	25%	\$5,511.25	\$5,511.25	25%	\$551.13		
9	ELECTRICAL & CONTROLS	1	LS	\$78,630.00	\$78,630.00	\$0.00	10%	\$7,863.00	\$7,863.00	10%	\$786.30		
CONTRACT SUB-TOTAL					\$529,322.24	\$0.00		\$128,010.84	\$0.00	\$128,010.84	24%	\$12,801.08	
CHANGE ORDERS													
10					\$0.00	\$0.00		\$0.00	\$0.00		\$0.00		
CHANGE ORDERS TOTAL					\$0.00	\$0.00		\$0.00	\$0.00		\$0.00		
GRAND TOTAL					\$529,322.24	\$0.00		\$128,010.84	\$0.00	\$128,010.84	24%	\$12,801.08	

LEISURE LAKES WTP HIGHLANDS COUNTY, FLORIDA

CONSTRUCTION PLANS HYDROGEN SULFIDE REMOVAL SYSTEM PWS ID NO. 628-0064

U.S. Water[®]
Services Corporation

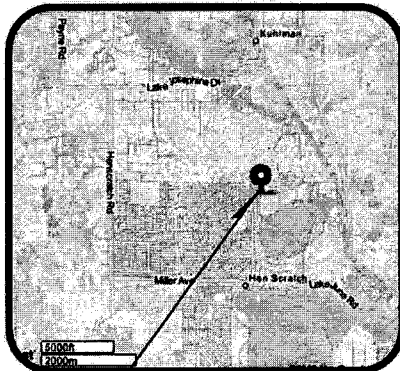
4939 Cross Bayou Blvd.
New Port Richey, Florida 34652-3434
Phone: (727) 848-8282 Fax: (727) 848-7701
FL CQA NO. 97547 FL REG. NO. 45129

INDEX OF DRAWINGS

SHEET NO.	TITLE
1	COVER SHEET
2	WATER SYSTEM NOTES 1
3	WATER SYSTEM NOTES 2
4	EXISTING SITE/DEMOLITION PLAN
5	PROPOSED SITE / CHEMICAL FEED PLAN
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7	AERATION SYSTEM DETAILS
8	CHEMICAL FEED SYSTEM DETAILS 1
9	CHEMICAL FEED SYSTEM DETAILS 2
10	PROCESS FLOW DIAGRAM

ENGINEERING PLANS
PREPARED FOR:
HC WATERWORKS, INC.
HIGHLANDS COUNTY
FLORIDA

THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF U.S. WATER SERVICES CORP. AND ARE NOT TO BE REPRODUCED, COPIED, PUBLISHED, OR USED IN WHOLE OR PART WITHOUT WRITTEN CONSENT. THEY ARE TO BE USED ONLY FOR THE SITE AND PROJECT IDENTIFIED AND SHALL BE RETURNED UPON REQUEST.



PROJECT
LOCATION

LOCATION MAP
N.T.S.



LOCATION

140 WOODBINE DRIVE, LAKE PLACID, FLORIDA 33829

PROJECT DESCRIPTION

WATER TREATMENT PLANT UPGRADES INCLUDING THE REPLACEMENT OF THE 40-HOUR PLATES WITH 8000-GALLON CONCRETE STORAGE TANK, AN ADJUSTMENT AERATION SYSTEM WITH 8000-GALLON CONCRETE STORAGE TANK, AN ADJUSTMENT BY CHEMICAL FEED (ACID AND CHLORINE) AND (OPTIONAL) DOSE CONTROL, INSTALLATION OF A 4000-GALLON HYDROLYSIS TANK WITH ALL TANKS REQUIRED APPROPRIATE, AND ALL SITE PIPING AND APPURTENANCES NECESSARY FOR A COMPLETE AND OPERATIONAL WATER TREATMENT SYSTEM.

PROJECT TEAM

OWNER -
HC WATERWORKS, INC.
3430 CHANDLER BLVD.
NEW PORT RICHEY, FL 34652
TELEPHONE: (727) 848-8282
EMAIL: CUSTS@HCWATERWORKS.NET
PROFESSIONAL ENGINEERING SERVICES -
U.S. WATER SERVICES CORPORATION
4939 CROSS BAYOU BLVD.
NEW PORT RICHEY, FL 34652-3434
(727) 848-8282 - FAX (727) 848-7701

UTILITIES

POWER - PROGRESS ENERGY
WATER - PRIVATE QUOTE
WASTEWATER - PRIVATE QUOTE

GENERAL CONSTRUCTION NOTES:

1. All design and construction shall conform to the minimum standards set forth by FDEP, FDOT, Highlands County, and the local governing agencies.
2. Locations, elevations and dimensions of existing utilities, structures and other features are shown according to the best information available at time of preparation of these plans. The contractor shall verify the locations, elevations, and dimensions of all existing utilities, structures and other features affecting this work prior to construction.
3. The contractor shall check plans for conflicts and discrepancies prior to performing any work in the affected area.
4. The contractor is responsible for repairing any damage to existing facilities, above or below ground that may occur as a result of the work performed by the contractor called for in this contract.
5. All underground utilities must be in place and tested or inspected prior to road base and subsurface construction.
6. It is the contractor's responsibility to become familiar with the permit and inspection requirements specified by the various governmental agencies and the engineer. The contractor shall obtain all necessary permits prior to construction and schedule inspection according to agency instructions.
7. All work performed shall comply with the regulations and ordinances of the various governmental agencies having jurisdiction over the work.
8. Contractor shall submit shop drawings on all precast and manufactured items to the engineer for approval. Failure to obtain approval before installation may result in removal and replacement at contractor's expense.
9. All underground pipes are to be PVC unless otherwise noted.
10. All proposed concrete support slabs and support structures shall be constructed with minimum of 4,000 psi concrete.
11. All chemical feed pipes and water mains are to be constructed with 3.0" minimum cover unless otherwise noted on the plans.
12. All rocks or stones larger than 6" in diameter shall be removed from the backfill material. Backfill material placed within 1-foot of piping and appurtenances shall not contain any stones larger than 2" in diameter.
13. All workmanship and materials used in the construction of this project shall conform to FDOT's Standard specifications for roadwork and bridge construction, latest edition, and the latest Highlands County standards, unless otherwise indicated.
14. The contractor shall notify the appropriate public agency(ies) prior to commencing work within their jurisdiction.
15. All pipe lengths are approximate. Pipe measurements are to center of structures or fittings. Pipe measurements for straight and wall end sections are to end of pipe.
16. The aeration and odor control systems specified are engineered and designed by the vendors for seamless installation and continued operation. The electrical loads, dimensions and weights of the proposed equipment were utilized for the specific electrical and structural designs detailed within these plans. Any proposed substitution of equipment shall include Engineered treatment design calculation, structural support designs, lightning protection/grounding details, wind load calculations, and wind restraints as are to be provided by the equipment vendor upon purchase.
17. The contractor shall be responsible for all building permits required.

62-555.320, F.A.C., (21) Drinking Water Piping and Appurtenances.

(a) All new or altered mains, including treatment plant process piping, and appurtenances conveying raw or partially treated drinking water shall be designed and constructed in accordance with Sections 8.D, 8.4, 8.5, and 8.7 in Recommended Standards for Water Works as incorporated into Rule 62-555.330, F.A.C., except that:

1. Asbestos-cement water mains shall be pressure and leakage tested in accordance with American Water Works Association (AWWA) Standard C603 as incorporated into Rule 62-555.330, F.A.C., and polyvinyl chloride water mains shall be pressure and leakage tested in accordance with AWWA Standard C605 as incorporated into Rule 62-555.330, F.A.C., while all other types of water mains shall be pressure and leakage tested in accordance with AWWA Standard C600 as incorporated into Rule 62-555.330, F.A.C.

2. Water mains and appurtenances that normally convey surface water, or ground water under the direct influence of surface water, and that are located upstream of all filtration and disinfection treatment facilities need not be disinfected.

3. All water mains and appurtenances other than those described in subparagraph 2, above shall be disinfected and bacteriologically evaluated in accordance with Rule 62-555.340, F.A.C.

(b) All new or altered piping, including treatment plant process piping, and appurtenances conveying finished drinking water shall be designed and constructed in accordance with Sections 8.0 through 8.5 and 8.7 through 8.11 in Recommended Standards for Water Works as incorporated into Rule 62-555.330, F.A.C., except that:

Drinking Water Piping and Appurtenances. (Continued)

4. All water mains and appurtenances shall be disinfected and bacteriologically evaluated in accordance with Rule 62-555.340, F.A.C.
5. All water main pipe, including fittings, installed on or after August 28, 2003, except pipe installed under a construction permit for which the Department received a complete application before August 28, 2003, shall be color coded or marked using blue as a predominant color to differentiate drinking water from reclaimed or other water. Underground plastic pipe shall be solid-wall blue pipe, shall have a co-extruded blue external skin, or shall be white or black pipe with blue stripes incorporated into, or applied to, the pipe wall; and underground metal or concrete pipe shall have blue stripes applied to the pipe wall. Pipe striped during manufacturing of the pipe shall have continuous stripes that run parallel to the axis of the pipe, that are located at no greater than 90-degree intervals around the pipe, and that will remain intact during and after installation of the pipe. If tape or paint is used to stripe pipe during installation of the pipe, the tape or paint shall be applied in a continuous line that runs parallel to the axis of the pipe and that is located along the top of the pipe; for pipes with an internal diameter of 24 inches or greater, tape or paint shall be applied in continuous lines along each side of the pipe as well as along the top of the pipe. Aboveground pipe at drinking water treatment plants shall be color coded and labeled in accordance with subsection 62-555.320(10), F.A.C., and all other aboveground pipe shall be painted blue or shall be color coded or marked like underground pipe.

(c) The Department shall allow the use of pipe and appurtenances that do not conform to applicable American Water Works Association (AWWA) standards as incorporated into Rule 62-555.330, F.A.C., only if suppliers of water or construction permit applicants provide documentation showing that the alternate pipe and appurtenances provide strength, durability, reliability, and public health protection at least equal to that provided by pipe and appurtenances that conform to applicable AWWA standards.

1.2 SUBSTITUTIONS

1.2.1 Engineers Approval Required

1.2.1.1 The Contract is based on the materials, equipment and methods described in the Contract Documents.

1.2.1.2 The Engineer will consider proposals for substitution of materials, equipment, and methods only when such proposals are accompanied by full and complete technical data and all other information required by the Engineer to evaluate the proposed substitution.

1.2.1.3 Do not substitute materials, equipment, or methods unless such substitution has been specifically approved for this Work by the Engineer.

1.2.2 "Or Equal"

1.2.2.1 Where the phrase "or equal" or "or equal as approved by the Engineer" occurs in the Contract Documents, do not assume that materials, equipment, or methods will be approved by the Engineer unless the item has been specifically approved for this Work by the Engineer.

1.2.2.2 The decision of the Engineer shall be final.

1.2.3 Availability of Specified Items

1.2.3.1 Verify prior to bidding that all specified items will be available in time for installation during orderly and timely progress of the Work.

1.2.3.2 In the event that specified items will not be so available, so notify the Engineer prior to receipt of bids.

1.2.3.3 Costs and delays because of non-availability of specified items, when such delays could have been avoided by the Contractor, shall be back-charged as necessary and shall not be borne by the Owner.

1.2.4 Accommodation of Substituted Work

If substitution of any materials is requested by the Contractor, any approval is subject to the Contractor providing all necessary changes in piping, fittings, etc., to accommodate the change at no additional cost to the Owner, whether or not specifically detailed in the Shop Drawings or on the Plans.

1.3 SUBMITTALS

1.3.1 Number of Copies

Submit five (5) copies of all submittals in accordance with Section 01300

(Submittals and Substitutions) of these Specifications, unless otherwise specified.

1.3.2 Timely Submittal

1.3.2.1 All submittals must be done at least two weeks before beginning construction on the particular items covered in the submittal.

1.3.2.2 Contractor shall make submittals promptly so that a delay in the work does not occur because of reasonable review times.

1.3.2.3 Numerous review and resubmittal cycles caused by incorrect or incomplete submittals shall not be cause for contract time extension.

1.3.3 Contractor Certification Requirement

1.3.3.1 Contractor shall certify that he has reviewed the submittal and that it conforms to the requirements of the plans and specifications.

SUBSTITUTIONS (Continued)

1.3.3.2 Any variations or substitutions requested shall be specifically called out as such in the transmittal to the Engineer.

1.3.3.3 Any submittals made without the above certifications and statements of variation shall be returned to the Contractor unreviewed.

1.3.4 Prohibition Against Construction Without Approved Submittals
Construction shall not commence until approved submittals are received from the Engineer. Any work installed prior to receipt of approved submittals from the Engineer shall be at the Contractor's hazard and shall be subject to removal and replacement with approved materials and methods at no additional cost to the Owner.

EROSION AND POLLUTION CONTROL NOTES

1. Protection and stabilization of onsite soil stockpiles: Fill material stockpiles shall be protected at all times by onsite drainage controls which prevent erosion of the stockpiled material. Control of dust from such stockpiles is to be required, depending upon their location and the expected length of time the stockpiles will be present. In no case shall any stockpiled material remain after thirty days (30) calendar days upon completion of construction.
2. Protection of existing storm sewer systems water inlets in the vicinity of the project shall be protected by sediment traps such as hay bales, sod, stone, etc. which shall be maintained and modified as required by the construction progress, and which must be approved by the engineer before installation. This will be maintained to prevent degradation of the waters of the county and state.
3. Erosion/sedimentation control: Contractor is to provide erosion control/sedimentation barrier (hay bales or siltation curtain) to prevent siltation of adjacent property, streets, storm sewers and waterways. In addition, contractor shall place straw, mulch or other suitable material be placed on ground in areas where construction related traffic is to enter and exit site. Either by natural drainage or by vehicular traffic, the contractor is to remove and clean solid earth to satisfaction of the engineer and/or authorities.
4. If wind erosion becomes significant during construction, the contractor shall stabilize the affected area using sprinkling, irrigation or other acceptable methods.

WATER TREATMENT PLANT PIPING

All water mains shall have a minimum of 36 inches of cover. All rocks or stones larger than 6" in diameter shall be removed from the backfill material. Backfill placed within 1-foot of piping and appurtenances shall not contain any stone larger than 2" in diameter. All workmanship and materials used in the construction of this project shall conform to: AWWA, FDEP, RSWW & FDOT's Standard Specifications for Roadwork and Bridge Construction, latest edition.

2. Piping material specifications covering pipes, jointing and packing materials, internal coatings and linings, fittings, specials and appurtenances shall be in accordance with the corresponding AWWA Standards and be conforming to NSF requirements, as may be applicable, with exceptions allowed only if documentation and assurances are provided in compliance with Paragraphs 62-555.320(3)(d), 62-555.320(3)(b) and 62-555.320(21)(c), F.A.C. The lead use prohibition in Rule 62-555.322, F.A.C., shall also apply.

3. All onsite PVC potable water mains 4 inches to 12 inches shall be virgin polyvinyl chloride (PVC) pipe for potable water and shall have a bell type coupling with a thickened wall section integral with the pipe barrel in accordance with ASTM D3139. elastomeric seals shall meet ASTM F477 and shall be attached to the bell utilizing glue (AWWA and manufacturer approved type) or rubber ring. The pipe shall be clean, virgin, National Sanitation Foundation No. 14 approved, Class 12454-A or 12454-B PVC compound conforming to ASTM resin specification D1784. Each length shall be clearly marked with the name of the manufacturer, location of the plant, pressure rating, nominal pipe diameter and length, and must conform to PVC 120, Class 150, DR 18 AWWA C900.

4. All PVC water mains less than 4 inches must be ASTM 1785 Schedule 80, or ASTM 2241 with NSF markings on each installed length.

MOHAMMED KADER, P.E.
FL REG. NO. 45129

LEISURE LAKES WTP
HYDROGEN SULFIDE REMOVAL SYSTEM
WATER SYSTEM NOTES 1
HIGHLANDS COUNTY, FLORIDA

4835 CROSS CANYON BOULEVARD
FORT MYERS, FL 33907
(772) 334-9292 FAX: (772) 334-9701
FL CCA NO. 3756 & FL REG. NO. 45129

U.S. Water
services corporation

DATE: 11/11/2013
TIME: 10:00 AM

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WATER TREATMENT PLANT PIPING (Continued)

5. All ductile iron fittings larger than 3" shall be pressure class 350 in accordance with AWWA C-110 with a pressure rating of 350 PSI. Joints shall be mechanical joints in accordance with AWWA C-111. Fittings shall be cement mortar lined and coated in accordance with fittings AWWA C-104. All fittings shall be restrained using MEGALUG or approved equal.
6. All fittings 3" and smaller shall be schedule 80 PVC with solvent welded sleeve type joints.
7. Contractor to install temporary blow offs at the end of the water main to assure adequate flushing and disinfecting.
8. Oatley PVC Heavy Duty Gray Solvent Cement or equivalent shall be used for all fittings below grade.
9. All water main pipe, including fittings, installed on or after August 26, 2003, except pipe installed under a construction permit for which the Department received a complete application before August 26, 2003, shall be color coded or marked using blue as a predominant color to differentiate drinking water from reclaimed or other water. Underground plastic pipe shall be solid-wall blue pipe, shall have a co-extruded blue external skin, or shall be white or black pipe with blue stripes incorporated into, or applied to, the pipe wall; and underground metal or concrete pipe shall have blue stripes applied to the pipe wall. Pipe striped during manufacturing of the pipe shall have continuous stripes that run parallel to the axis of the pipe, that are located at no greater than 90-degree intervals around the pipe, and that will remain intact during and after installation of the pipe. If tape or paint is used to stripe pipe during installation of the pipe, the tape or paint shall be applied in a continuous line that runs parallel to the axis of the pipe and that is located along the top of the pipe; for pipes with an internal diameter of 24 inches or greater, tape or paint shall be applied in continuous lines along each side of the pipe as well as along the top of the pipe. Aboveground pipe of drinking water treatment plants shall be color coded and labeled in accordance with subsection 62-595.320(10), F.A.C., and all other aboveground pipe shall be painted blue or shall be color coded or marked like underground pipe.
10. All PVC water mains shall have a suitable magnetic locator buried approximately one foot below grade over the force main. The tape shall be continuous between valves, and secured to each valve. The tape shall be at least 5 1/2 mils thick, 2 inches minimum width and made of aluminum material sandwiched between 2 layers of polyethylene. It shall be imprinted in permanent black ink with 1 inch letters, "CAUTION, WATER LINE BURIED BELOW", on blue background.
11. All water system components and materials that are to come into contact with the potable water shall meet or exceed the latest standards issued by the AWWA and ANSI/NSF requirements.
12. All proposed ball valves shall be Sch 80 true union valves.
13. All proposed treatment plant piping shall utilize piping color code to facilitate identification as follows:

Water Lines	
Raw or Recycled	Olivo Green
Settled or Clarified	Aqua
Finished or Potable	Dark Blue
Chemical Lines	
Ammonia	White
Caustic	Yellow with Green Band
Chlorine (Gas or Solution)	Yellow
Sulfuric Acid	Yellow with Red Band

TESTING AND INSPECTION REQUIREMENTS

1. All components of the water system, including fittings, hydrants, connections, and valves shall be properly pressure tested and accepted by the FGUA Engineer. The Contractor shall provide a minimum of 48 advanced notice to the FGUA inspector prior to performing any pressure testing (all inspections to be witnessed by FGUA). Cleaning, flushing and hydrostatic pressure testing is to be done in accordance with AWWA C605 for PVC pipe and fittings and AWWA C600 for Ductile Iron water mains and appurtenances.
2. Contractor to perform chlorination and bacteriological sampling. Copies of all bacteriological test to be submitted to the engineer. Locations of chlorination and sampling points to be submitted with test results along with as-built drawings.
3. The contractor shall perform hydrostatic testing of all water distribution system, as set forth in the following, and shall conduct acid tests in the presence of representative of the Engineer and/or the County in which said tests are performed, with two days' advance notice provided.
4. Testing shall not proceed until concrete thrust blocks are in place and cured or other restraining devices installed, AWWA C605

TESTING AND INSPECTION (Continued)

5. Prior to filling, testing, and disinfecting the installed line, the contractor shall ensure that the line is clean in conformance with ANSI/AWWA C651. To facilitate effective disinfection and minimize the chlorine dosages needed, when practicable, pre-disinfection flushing should continue until the discharge turbidity drops below 5 ntu, using measurement procedures described in AWWA Manual M12.
6. Lines shall be filled slowly with potable water at a maximum velocity of 1 ft/sec (0.3 m/sec) while venting air. Precautions shall be taken to prevent entrapping air in the lines. After filling, lines shall be flushed at blowoffs and dead ends at a minimum velocity of 3 ft/sec (0.9 m/sec). A minimum of three changes of treated water shall be used in flushing operations. Valves shall be closed slowly to prevent excessive surges while maintaining positive pressure at all times throughout the new line. Flushing water shall be discharged without causing erosion damage, nuisance, or interruption of traffic. Disposal of flushing water shall be in accordance with Sec. 4.1.1.2. A special pipeline pig may be required when the required flushing velocity cannot be achieved or when needed to conserve water. The contractor shall make provisions for launching and retrieving the pig.
7. Hydrostatic testing shall be conducted with water, or other environmentally safe, incompressible fluids, because of the inherent safety hazard potential associated with testing components and systems with compressed air or other compressed gases.
8. The contractor shall provide measurement gauges and recording devices for the test, including pump, pipe, connections, and other necessary apparatus, unless otherwise specified by the purchaser, and shall provide the necessary assistance to conduct the test. Prior to testing, the contractor shall place sufficient backfill to prevent pipe movement. When local conditions require that the trenches be backfilled immediately after the pipe has been laid, the testing may be carried out after backfilling has been completed but before placement of permanent surfacing. The contractor shall ensure that thrust-blocking or other types of restraining systems will provide adequate restraint prior to pressurizing the pipeline. Refer to AWWA C605, Sec. 5.8.4 for backfilling requirements.
9. When existing water mains are used to supply test water, they should be protected from backflow contamination by temporarily installing a double check-valve assembly between the test and supply main or by other means approved by the purchaser. Prior to pressure and leakage testing, the temporary backflow protection should be removed and the main under test isolated from the supply main.
10. Test shall be performed only after the pipeline has been properly filled, flushed, and purged of air. The specified test pressure shall be applied by means of an approved pumping assembly connected to the pipe in a manner satisfactory to the purchaser. The test pressure shall not exceed the design pressure of the pipe, fittings, valves, or thrust restraints. If necessary, the test pressure shall be maintained by additional pumping for the specified time. During tests, the system and exposed pipe, fittings, valves, and hydrants shall be carefully examined for leakage, visible leaks shall be stopped. Defective elements shall be repaired or removed and replaced and the test repeated until the test requirements have been met.
11. The duration of the hydrostatic test shall be two (2) hours.
12. The hydrostatic test pressure shall not be less than 1.5 times the maximum anticipated sustained working pressure at the highest point along the test section unless the pressure exceeds the design pressure limit for any pipe, thrust restraint, valve, fitting, or other appurtenance of the test section.
13. The test allowance shall be defined as the quantity of water that must be supplied to the pipe section being tested to maintain a pressure within 5 psi (34 kPa) of the specified hydrostatic test pressure. No installation will be accepted if the quantity of makeup water is greater than that determined by the formula:

$$Q = (LD \cdot P) / 148,000$$

Where:

Q = quantity of makeup water, in gallons per hour
 L = length of pipe section being tested, in feet
 D = nominal diameter of pipe, in inches
 P = average test pressure during the hydrostatic test, in pounds per square inch (gauge)

WATER TREATMENT PLANT PIPING (Continued)

Additional Testing Notes:

1. The testing procedure shall include the continued application of the specific pressure to the test system for the two-hour period by way of a pump taking supply from a container suitable for measuring water loss. The amount of loss shall be determined by measuring the volume displaced to maintain system pressure.
2. Prior to placing the installed water line in service, the new pipe and exposed sections and appurtenances of existing pipelines shall be cleaned and disinfected in accordance with ANSI/AWWA C651, unless otherwise specified. Pipelines shall be flushed following the completion of disinfection procedures. Disposal or neutralization of disinfection water shall comply with applicable regulations (refer to Appendix B of ANSI/AWWA C651).

CHEMICAL FEED SYSTEM NOTES

1. All proposed chemicals and materials to be utilized for this project shall be NSF approved for use with potable water.
2. All water system work shall conform with AWWA standards and specifications.
3. All proposed chemical feed carrier pipe and fittings shall be manufactured specifically for Sulfuric Acid containment. Chemical feed casing piping shall be 2" minimum, single wall schedule 80 CPVC with solvent welded sleeve type joints. Materials used in the manufacture of the pipe shall be a rigid chlorinated polyvinyl chloride (CPVC) compound, Type IV, Grade I, with a Cell Classification of 23447 as defined in ASTM D1784. This compound shall be light gray in color, and shall be approved by NSF for use with potable water. Material used shall be domestically produced CPVC material. Markings shall indicate mfr's name, material designation code, nominal pipe size with pressure rating in psi for water 73° F, ASTM designation No. F-441, NSF seal for potable water and mfr's data code. Standard pipe length is 20 ft.
4. All proposed casing pipe and fittings for Sodium Hydroxide chemical feed shall be 2" single wall schedule 80 PVC with solvent welded sleeve type joints. Materials used in the manufacture of the pipe shall be domestically produced rigid polyvinyl chloride (PVC) compound, Type I, Grade I, with a Cell Classification of 12454 as defined in ASTM D1784. The compound shall be gray in color, and shall be approved by NSF International for use with potable water (NSF Std 61). Product marking shall meet the requirements of ASTM D1785 and shall include: the mfr's name; the nominal pipe size; the material designation code; the pipe schedule and pressure rating in psi for water @ 73° F; the ASTM designation D1785; the independent laboratory's seal of approval for potable water usage; and the date and time of manufacture.
5. All PVC shall be formulated for sunlight exposure and shall pass the impact strength test as described by ASTM D2444, latest revision, using Tup A with impact level of 94 ft.-lbs.
6. All proposed above grade chemical feed piping shall be insulated to prevent freezing and color coded.
7. All proposed buried chemical feed piping shall be installed at least 30" below grade.
8. Solvent CEMENT
 Solvent cement for Sulfuric Acid and Sodium Hydroxide chemical feed piping shall be NSF approved for use with potable water, and designed specifically for CPVC and PVC piping systems carrying acids/50% sulfuric acid, and caustic/50% sodium hydroxide (contain no fumed silica).
9. The contractor shall utilize primer specifically design for the solvent cement at all joints and fitting welds.

The proposed water treatment plant improvements are to include the following:

- a. Protective eye goggles/splash shield.
- b. Rubber gloves.
- c. Rubberized apron.

MOHAMMED KADER, P.E.
 FL REG. NO. 45129

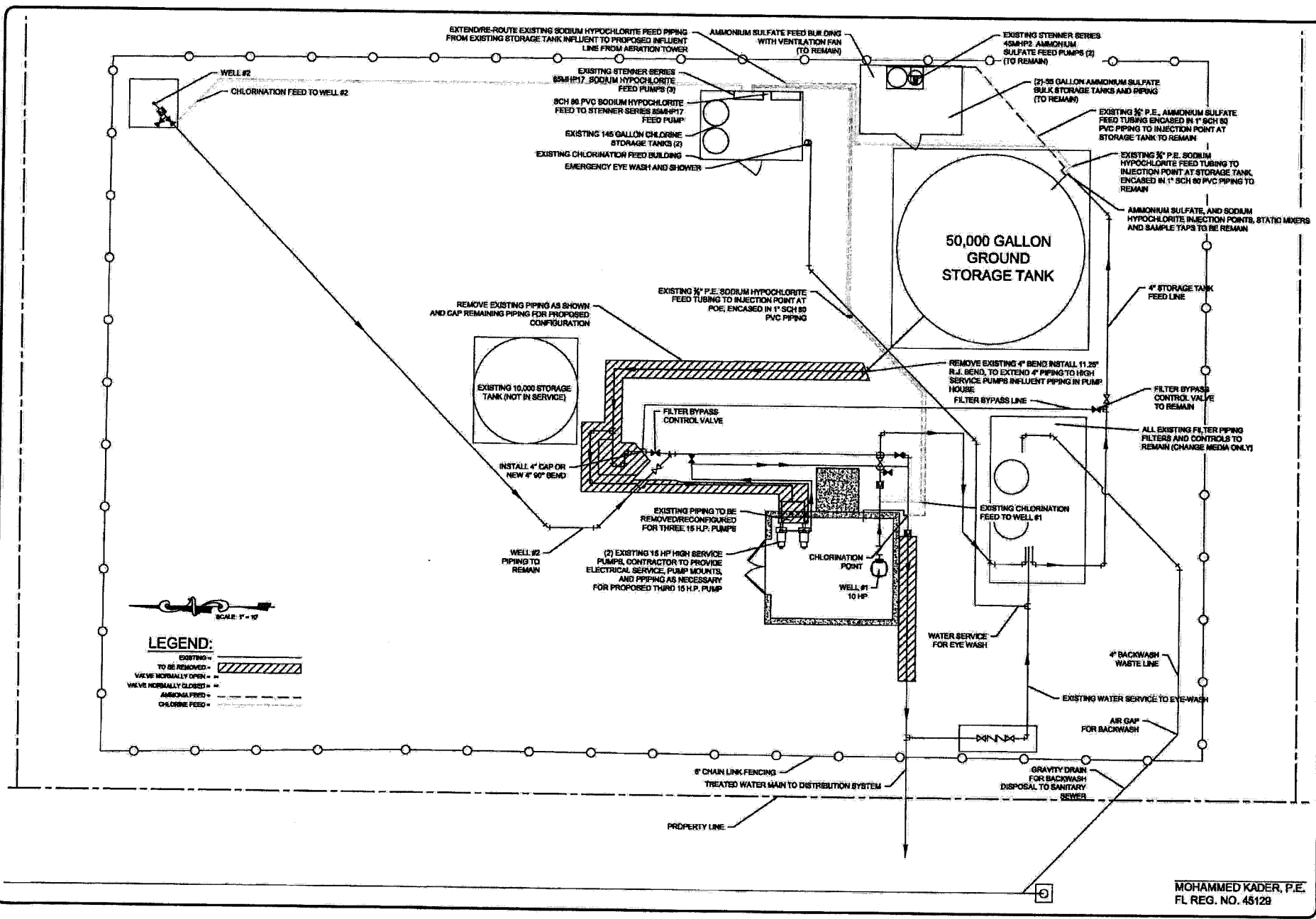
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LEISURE LAKES WTP
 HYDROGEN SULFIDE REMOVAL SYSTEM
 WATER SYSTEM NOTES 2
 HIGHLANDS COUNTY, FLORIDA

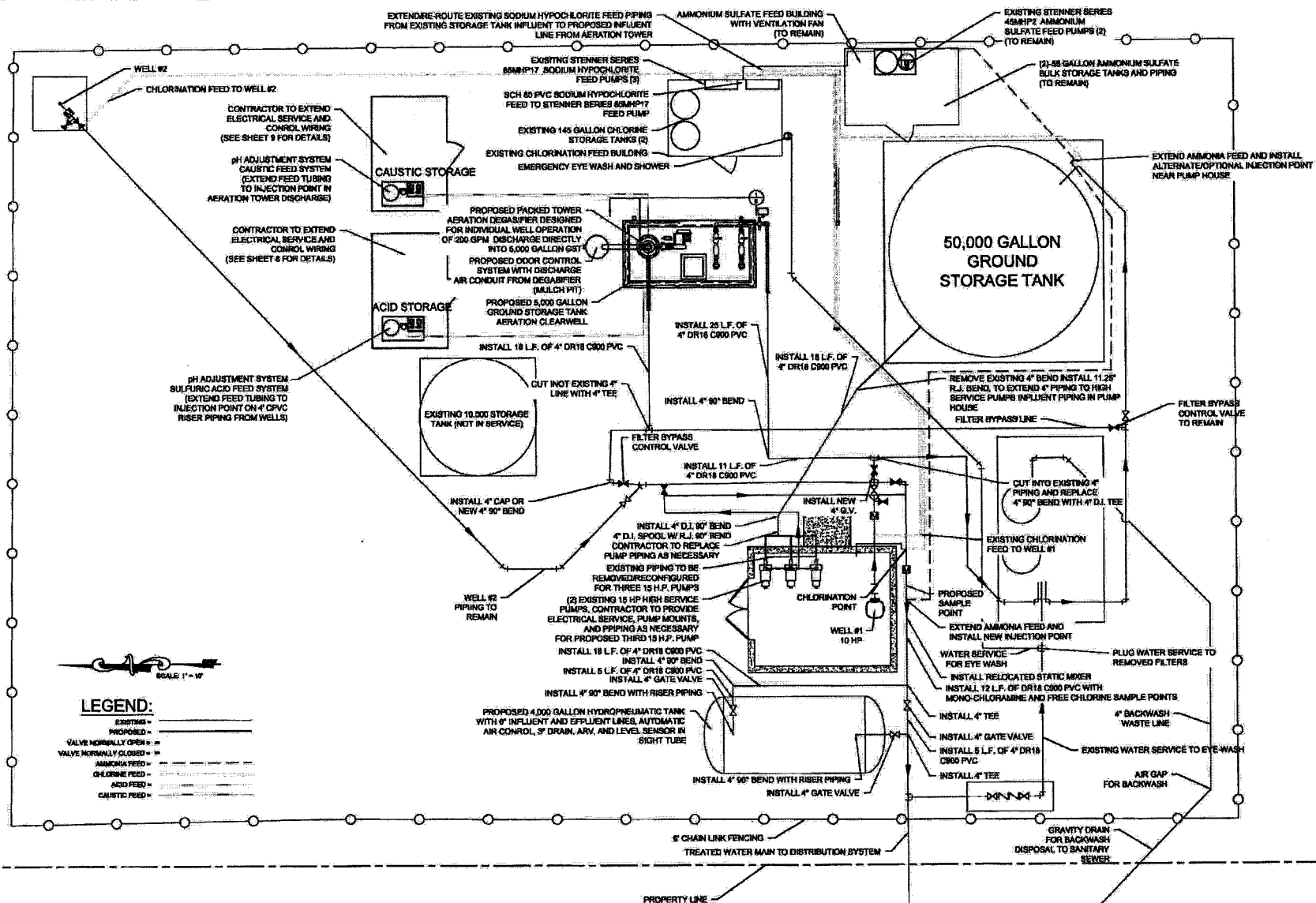
4828 CROSS BAYVIEW BOULEVARD
 MIAMI, FLORIDA 33149
 (772) 383-3333 FAX: (772) 383-7001
 FL COA NO. 8796 & FL REG. NO. 67438

U.S. Water
 services corporation

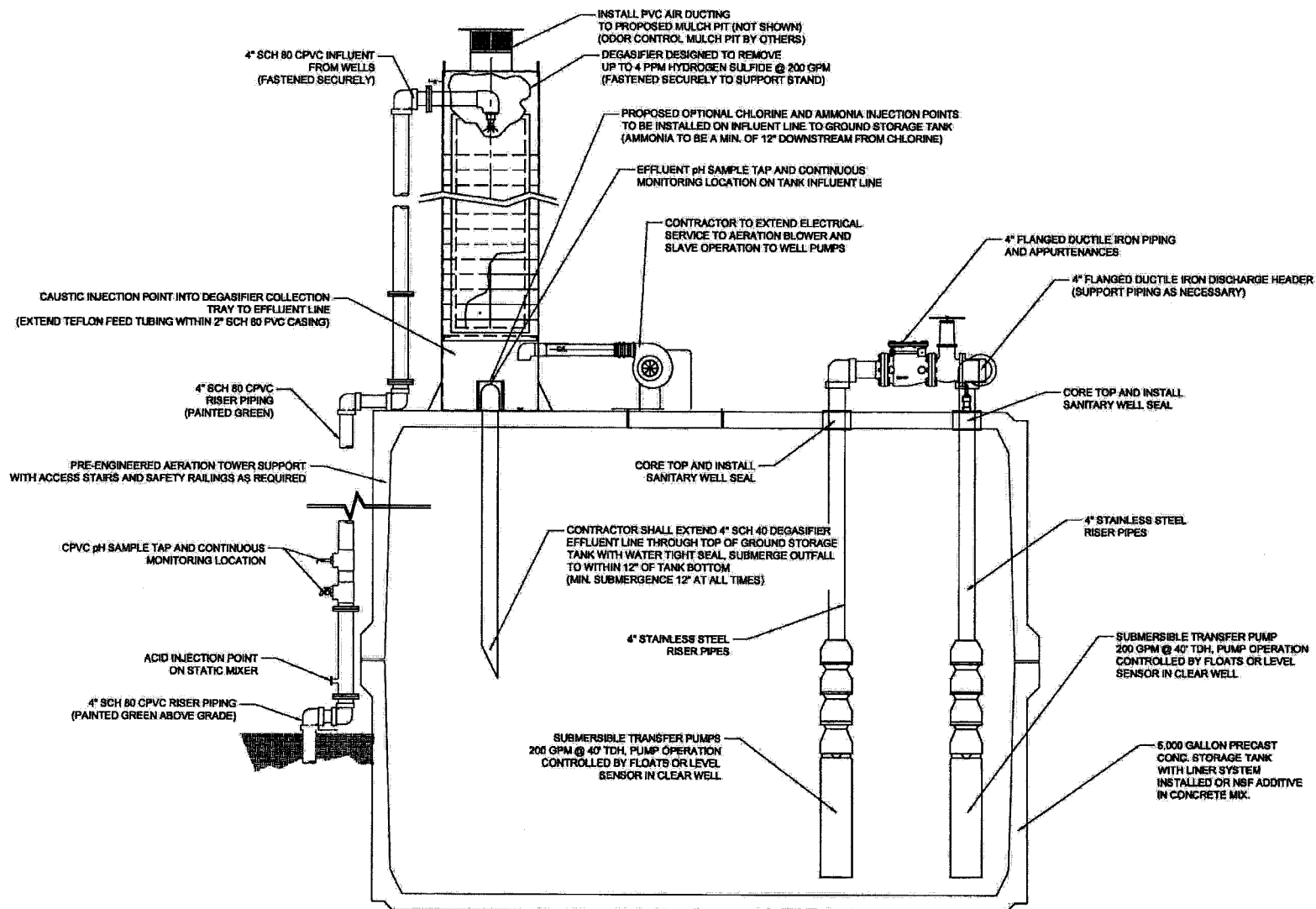
LEISURE LAKES WTP HYDROGEN SULFIDE REMOVAL SYSTEM EXISTING SITE/DEMOLITION PLAN HIGHLANDS COUNTY, FLORIDA	
4855 CROSS BAYON BOULEVARD NEW PORT RICHEY, FL 34653 (813) 281-1100 FAX (813) 281-1109 FL CDA NO. 8784 & FL REG. NO. 67128	U.S. Water Services Corporation



MOHAMMED KADER, P.E.
FL REG. NO. 45129



MOHAMMED KADER, P.E.
 FL REG. NO. 45129



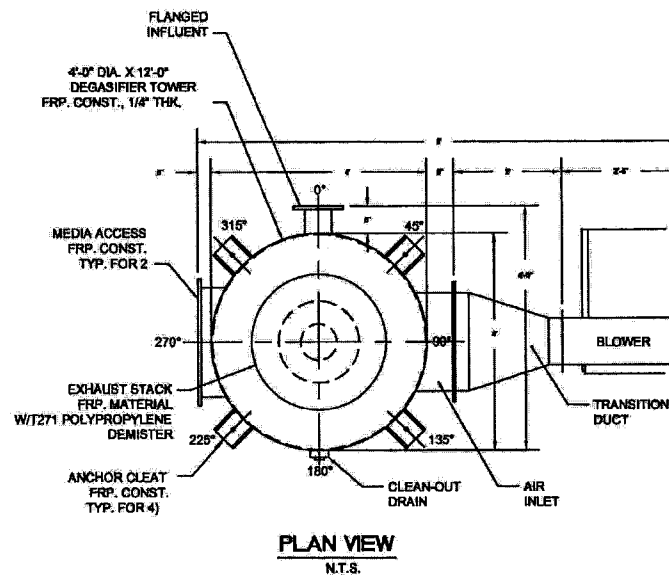
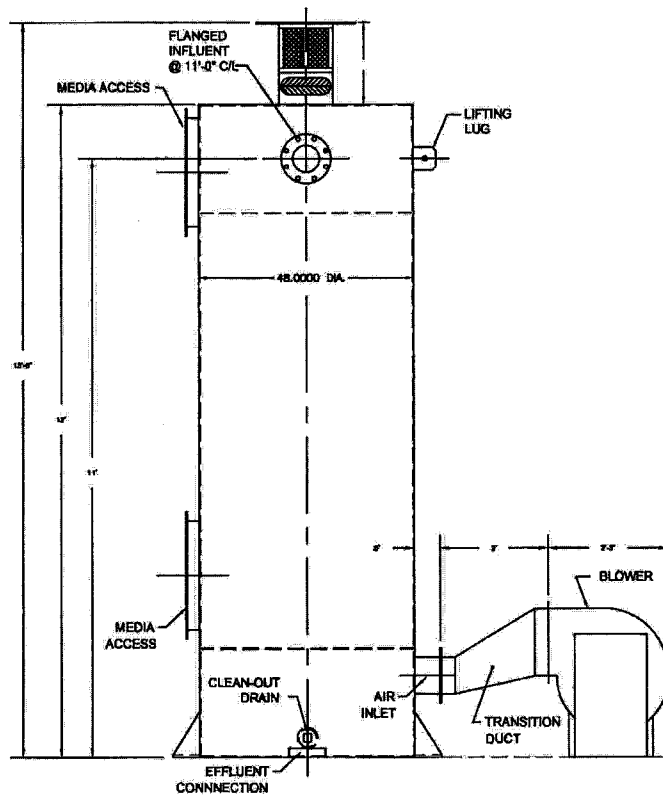
PROPOSED pH ADJUSTEMENT INJECTION POINTS AND DEGASIFIER DETAIL
NOT TO SCALE

MOHAMMED KADER, P.E.
FL REG. NO. 45129

LEISURE LAKES WTP		HYDROGEN SULFIDE REMOVAL SYSTEM		SITE PIPING DETAIL 1		HIGHLANDS COUNTY, FLORIDA	
DATE	10/10/2018	BY	M. KADER	CHECKED	M. KADER	DATE	10/10/2018
PROJECT	LEISURE LAKES WTP	CLIENT	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	DESIGNED	M. KADER	DATE	10/10/2018
LOCATION	LEISURE LAKES WTP	CONTRACT	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	CONTRACT NO.	FL-2018-001	DATE	10/10/2018
SCALE	AS SHOWN	REVISIONS	1.0	DATE	10/10/2018	BY	M. KADER

U.S. Water Services Corporation

10

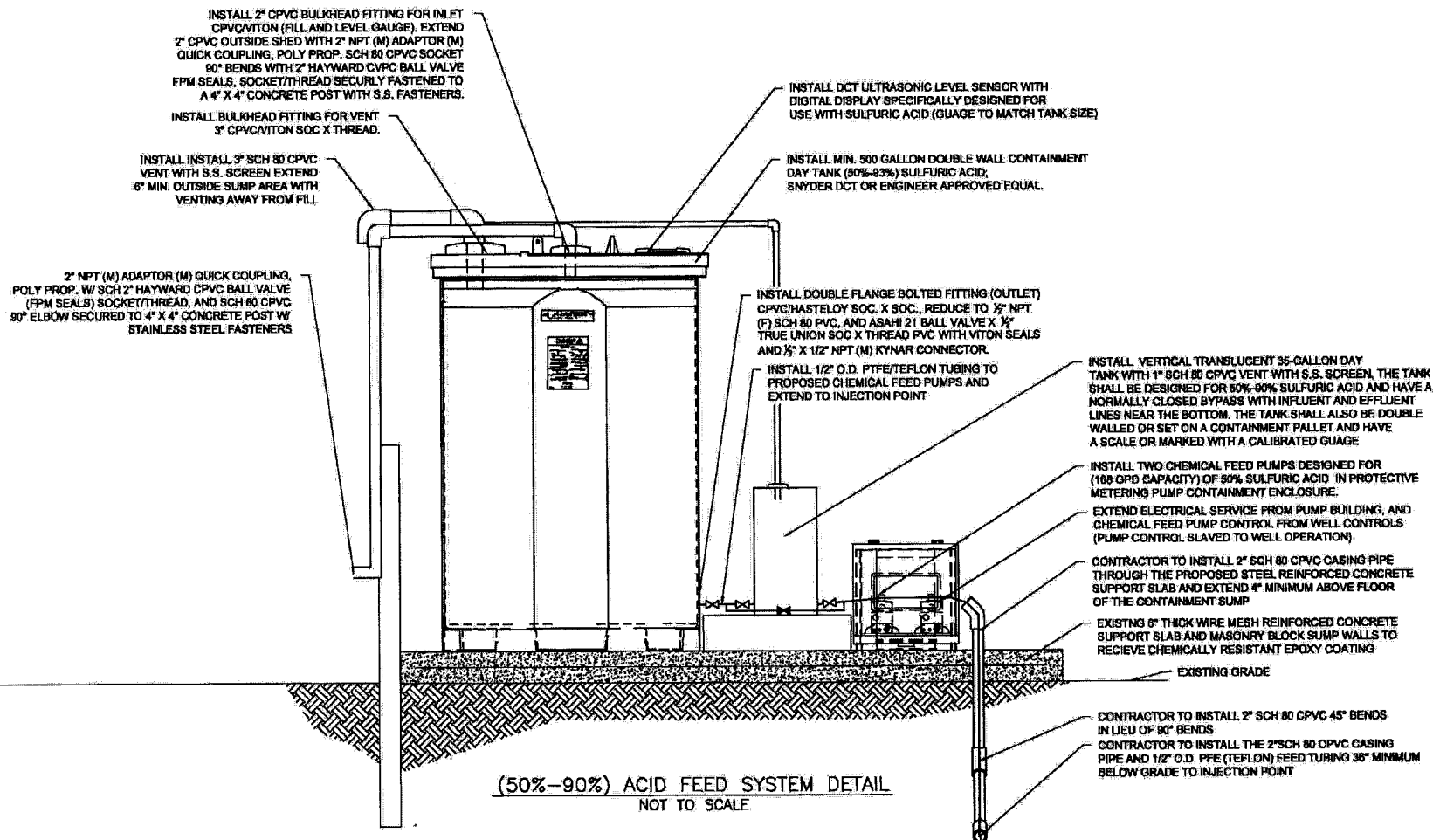


NOTES:

1. MATERIAL: 1/4 THK FIBERGLASS REINFORCEMENT IS TYPE "E"
2. FINISH: WHITE MOLDED GEL COAT, EXTERIOR U.V. STABLE
3. FLANGED NOZZLES ARE TYPICALLY 6" FROM TANK WALLS
3. ALL MATERIALS CONTACTING WATER ARE TO BE NSF APPROVED

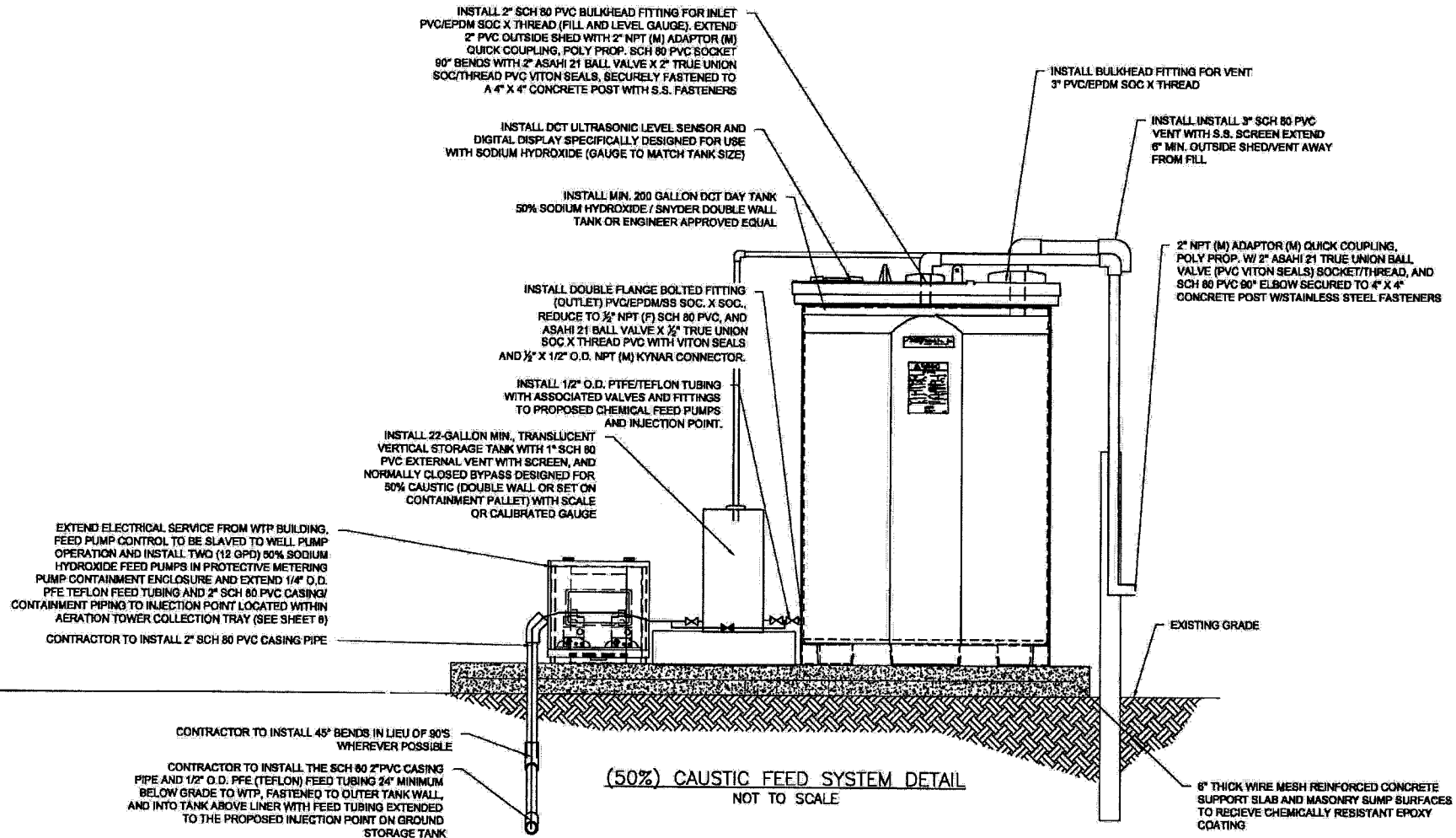
MOHAMMED KADER, P.E.
FL REG. NO. 45129

LEISURE LAKES WTP	
HYDROGEN SULFIDE REMOVAL SYSTEM	
AERATION SYSTEM DETAILS	
HIGHLANDS COUNTY, FLORIDA	
DESIGNED BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
455 CROSS BAYOU BOULEVARD SUITE 200 TUSTEE, FLORIDA 33571 TEL: (270) 484-2002 FAX: (270) 484-2001 FL CCA NO. 9704 & FL REG. NO. 96729	
U.S. Water services corporation	
10	10



(50%-90%) ACID FEED SYSTEM DETAIL
NOT TO SCALE

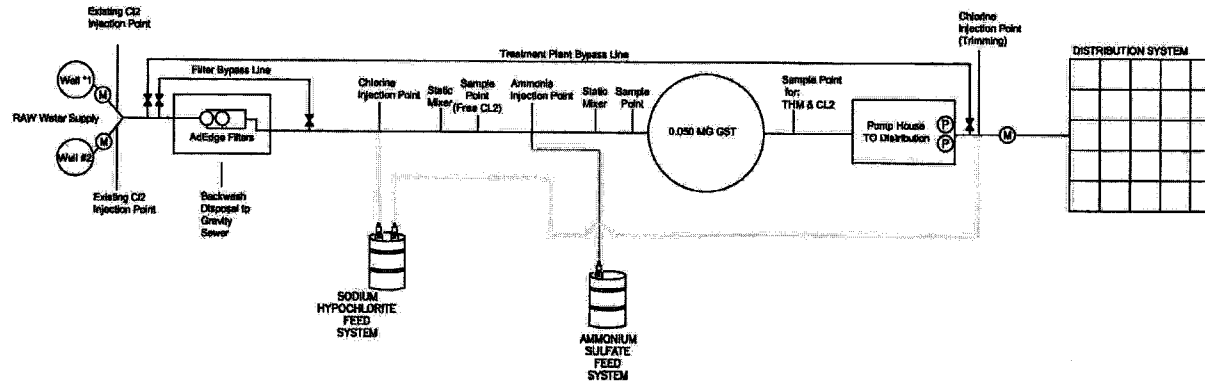
MOHAMMED KADER, P.E.
FL REG. NO. 46129



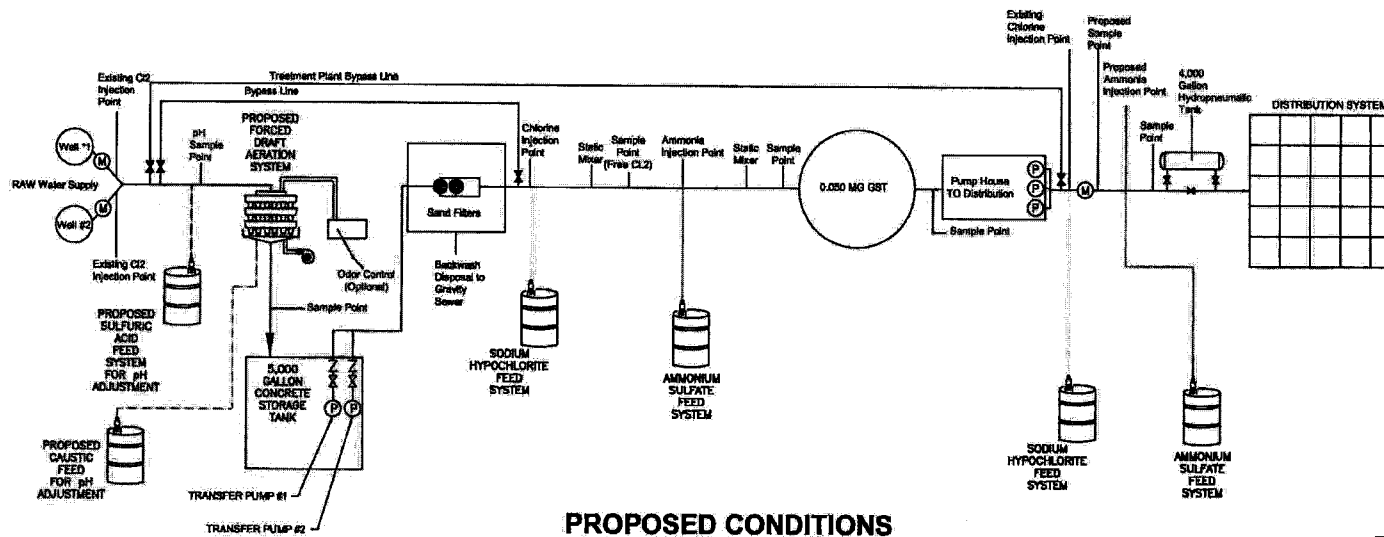
(50%) CAUSTIC FEED SYSTEM DETAIL
NOT TO SCALE

MOHAMMED KADER, P.E.
FL REG. NO. 45129

HYDROGEN SULFIDE REMOVAL SYSTEM LEISURE LAKES WATER SYSTEM PWS ID NO. 628-0064



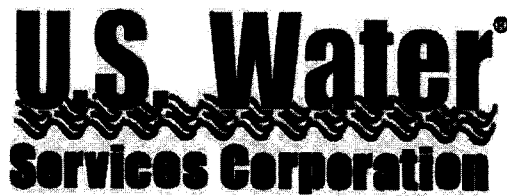
LEGEND:
 CHLORINE FEED
 AMMONIA FEED
 ACID FEED
 CAUSTIC FEED
 PROPOSED



PROPOSED CONDITIONS

MOHAMMED KADER, P.E.
 FL REG. NO. 45129

DATE: 11-11-2011		BY: [Signature]	
DESIGNED BY: [Signature]	CHECKED BY: [Signature]	DATE: 11-11-2011	BY: [Signature]
<p align="center">LEISURE LAKES WTP HYDROGEN SULFIDE REMOVAL SYSTEM PROCESS FLOW DIAGRAM HIGHLANDS COUNTY, FLORIDA</p>			
<p>4835 CROSS BAYOU BOULEVARD NEW PORT RICHEY, FL 34652 (727) 845-8232 FAX (727) 844-7701 FL CCL NO. 9754 & FL REG. NO. 45129</p>			
<p>U.S. Water Services Corporation</p>		<p>10 10</p>	<p>10 10</p>



Water and Wastewater Utility Operations, Maintenance, Engineering, Management, Construction

September 26, 2019

Mr. O. James Oni, P.E., Manager
Drinking Water Permitting Section
Florida Department of Environmental Protection
2295 Victoria Avenue, Suite 364
Fort Myers, FL 33902

RE: HC Waterworks, Inc. – Leisure Lakes WTP Modification
Certificate of Construction Completion Form
"FINAL CLEARANCE REQUEST"
PWS ID Number 628-0064, Permit No. 349439-002-WC and
Permit No. 349439-003-WC

Dear Mr. Oni:

Please find attached the Final Clearance Certificate of Completion of Construction DEP Form 62-555.900(9) for this project.

If you have any questions or comments regarding this project, please do not hesitate to contact me at (727) 243-5875.

Sincerely

A handwritten signature in black ink, appearing to read "Mo Kader".

Mo Kader, P.E.
U.S. Water Services Corporation

MK/mk
Attachments
cc: Gary Derermer, HC Waterworks, Inc.

4939 Cross Bayou Blvd. ~ New Port Richey ~ Florida 34652

Ph: 727-848-8292 ~ Fax: 727-848-7701 ~ Toll Free: 866-753-8292



CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

See page 5 for instructions.

I. General Project Information

A. Name of Project: HC Waterworks, Inc. - Leisure Lakes WTP Hydrogen Sulfide Removal System (FINAL)

B. Department of Environmental Protection (DEP) Construction Permit

Permit Number: 349439-002-WC

Date Permit Was Issued: 01/18/2018

C. Portion of Project for Which Construction Is Substantially Complete and for Which Clearance Is Requested

☒ Entire Project

☐ Following Portion of Project: _____

D. Permittee

PWS/Company Name: Hc Waterworks, Inc.

PWS Identification Number: * 6280064

PWS Type: * ☒ Community ☐ Non-Transient Non-Community ☐ Transient Non-Community ☐ Consecutive

Contact Person: Gary Deremer

Contact Person's Title: President

Contact Person's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Contact Person's Telephone Number: 7278488292

Contact Person's Fax Number: 7278487701

Contact Person's E-Mail Address: gderemer@uswatercorp.net

* This information is required only if the permittee is a public water system (PWS).

E. Public Water System (PWS) Supplying Water to Project

PWS Name: Hc Waterworks, Inc.

PWS Identification Number: 6280064

PWS Type: ☒ Community ☐ Non-Transient Non-Community ☐ Transient Non-Community ☐ Consecutive

PWS Owner: HC Waterworks, Inc.

Contact Person: Gary Deremer

Contact Person's Title: President

Contact Person's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Contact Person's Telephone Number: 7278488292

Contact Person's Fax Number: 7278487701

Contact Person's E-Mail Address: gderemer@uswatercorp.net

F. Public Water System (PWS) that Will Own Project After It Is Placed into Permanent Operation

PWS Name: Hc Waterworks, Inc.

PWS Identification Number: * 6280064

PWS Type: * ☒ Community ☐ Non-Transient Non-Community ☐ Transient Non-Community ☐ Consecutive

PWS Owner: HC Waterworks, Inc.

Contact Person: Gary Deremer

Contact Person's Title: President

Contact Person's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Contact Person's Telephone Number: 7278488292

Contact Person's Fax Number: 7278487701

Contact Person's E-Mail Address: gderemer@uswatercorp.net

* This information is required only if the owner/operator is an existing PWS.

G. Professional Engineer in Responsible Charge of Inspecting Construction of Project*

Company Name: U.S. Water Services Corporation

Engineer: Mohammed Y. Kader, P.E.

Engineer's Florida License Number: 45129

Engineer's Title: Director of Engineering

Engineer's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Engineer's Telephone Number: 7278488292

Engineer's Fax Number: 7278487701

Engineer's E-Mail Address: mkader@uswatercorp.net

* This information is required if construction of this project is inspected under the responsible charge of a professional engineer licensed in Florida. Whenever a project is designed under the responsible charge of a professional engineer licensed in Florida and is permitted by the Department, construction of the project shall be inspected under the responsible charge of a professional engineer licensed in Florida.



CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

See page 5 for instructions.

I. General Project Information

A. Name of Project: HC Waterworks, Inc. - Leisure Lakes WTP Hydrogen Sulfide Removal System (FINAL)

B. Department of Environmental Protection (DEP) Construction Permit

Permit Number: 349439-003-WC

Date Permit Was Issued: 09/14/2018

C. Portion of Project for Which Construction Is Substantially Complete and for Which Clearance Is Requested

☒ Entire Project

☐ Following Portion of Project: _____

D. Permittee

PWS/Company Name: Hc Waterworks, Inc.

PWS Identification Number: * 6280064

PWS Type: ☒ Community ☐ Non-Transient Non-Community ☐ Transient Non-Community ☐ Consecutive

Contact Person: Gary Deremer

Contact Person's Title: President

Contact Person's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Contact Person's Telephone Number: 7278488292

Contact Person's Fax Number: 7278487701

Contact Person's E-Mail Address: gderemer@uswatercorp.net

** This information is required only if the permittee is a public water system (PWS).*

E. Public Water System (PWS) Supplying Water to Project

PWS Name: Hc Waterworks, Inc.

PWS Identification Number: 6280064

PWS Type: ☒ Community ☐ Non-Transient Non-Community ☐ Transient Non-Community ☐ Consecutive

PWS Owner: HC Waterworks, Inc.

Contact Person: Gary Deremer

Contact Person's Title: President

Contact Person's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Contact Person's Telephone Number: 7278488292

Contact Person's Fax Number: 7278487701

Contact Person's E-Mail Address: gderemer@uswatercorp.net

F. Public Water System (PWS) that Will Own Project After It Is Placed into Permanent Operation

PWS Name: Hc Waterworks, Inc.

PWS Identification Number: * 6280064

PWS Type: ☒ Community ☐ Non-Transient Non-Community ☐ Transient Non-Community ☐ Consecutive

PWS Owner: HC Waterworks, Inc.

Contact Person: Gary Deremer

Contact Person's Title: President

Contact Person's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Contact Person's Telephone Number: 7278488292

Contact Person's Fax Number: 7278487701

Contact Person's E-Mail Address: gderemer@uswatercorp.net

** This information is required only if the owner/operator is an existing PWS.*

G. Professional Engineer in Responsible Charge of Inspecting Construction of Project*

Company Name: U.S. Water Services Corporation

Engineer: Mohammed Y. Kader, P.E.

Engineer's Florida License Number: 45129

Engineer's Title: Director of Engineering

Engineer's Mailing Address: 4939 Cross Bayou Blvd.

City: New Port Richey

State: Florida

Zip Code: 34652

Engineer's Telephone Number: 7278488292

Engineer's Fax Number: 7278487701

Engineer's E-Mail Address: mkader@uswatercorp.net

** This information is required if construction of this project is inspected under the responsible charge of a professional engineer licensed in Florida. Whenever a project is designed under the responsible charge of a professional engineer licensed in Florida and is permitted by the Department, construction of the project shall be inspected under the responsible charge of a professional engineer licensed in Florida.*

CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

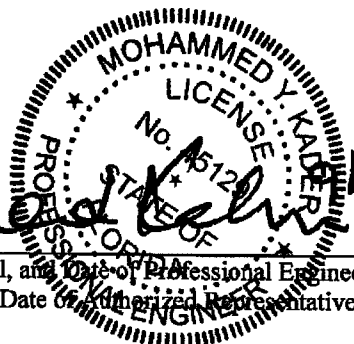
DEP Construction Permit Number: 349439-003-WC

Substantially Complete Portion of Project if Other than Entire Project:

II. Deviations from Department of Environmental Protection (DEP) Construction Permit for Project*

Description and explanation of all deviations from the DEP construction permit, including the approved preliminary design report or drawings and specifications, for the substantially complete portion of this project: None.

I completed Part II of this form, and the information provided in Part II is true and accurate to the best of my knowledge and belief.

 9/26/2019
Signature, Seal, and Date of Professional Engineer or
Signature and Date of Authorized Representative of
Permittee*

Mohammed Y. Kader, P.E.
Printed or Typed Name

45129

License Number of Professional
Engineer or Title of Authorized
Representative of Permittee*

* Whenever a project is designed under the responsible charge of a professional engineer licensed in Florida and is permitted by the Department, construction of the project shall be inspected under the responsible charge of a professional engineer licensed in Florida. If construction of this project is inspected under the responsible charge of a professional engineer licensed in Florida, Part II of this form shall be completed, signed, sealed, and dated by the professional engineer in responsible charge. If this project is not inspected under the responsible charge of a professional engineer licensed in Florida, Part II shall be completed, signed, and dated by an authorized representative of the permittee.

III. Certifications

A. Certification by Permittee

I am duly authorized to sign this form on behalf of the permittee identified in Part I.D of this form. I certify the following:

- to the best of my knowledge and belief, the substantially complete portion of this project is sufficiently complete to be utilized for the purposes for which it is intended;
- to the best of my knowledge and belief, the substantially complete portion of this project has been completed in accordance with the Department of Environmental Protection construction permit, including the approved preliminary design report or drawings and specifications, for this project; or to the best of my knowledge and belief, the deviations described and explained in Part II of this form will not prevent the substantially complete portion of this project from functioning in compliance with Chapters 62-550 and 62-555, F.A.C.;

CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

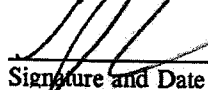
DEP Construction Permit Number: 349439-003-WC

Substantially Complete Portion of Project if Other than Entire Project:

- to the best of my knowledge and belief, all new or altered public water system components that are included in the substantially complete portion of this project and that must be disinfected and bacteriologically surveyed or evaluated per subsection 62-555.315(6), F.A.C., or Rule 62-555.340, F.A.C., have been disinfected and bacteriologically surveyed or evaluated in accordance with said subsection or said rule;
- the permittee has had complete record drawings produced for the substantially complete portion of this project; to the best of my knowledge and belief, said record drawings adequately depict the substantially complete portion of this project as constructed and identify the deviations described and explained in Part II of this form; and said record drawings are available for review at the following location: water treatment plant

- if the substantially complete portion of this project includes any new or altered drinking water treatment facilities, an operation and maintenance manual for said treatment facilities is available for reference at the site of said treatment facilities or at a convenient location near the site of said treatment facilities.

I also certify that if the permittee will not own this project after it is placed into permanent operation, the permittee has provided a copy of the above mentioned record drawings and a copy of the above mentioned operation and maintenance manual, if applicable, to the PWS that will own this project after it is placed into permanent operation.

 9-26-19
Signature and Date

Gary Deremer
Printed or Typed Name

President
Title

B. Certification by PWS Supplying Water to Project

I am duly authorized to sign this form on behalf of the PWS identified in Part I.E of this form. I certify that said PWS will supply the water necessary to meet the water demands for the substantially complete portion of this project, and I certify the following:

- to the best of my knowledge and belief, said PWS's connection to the substantially complete portion of this project will not cause said PWS to be, or contribute to said PWS being, in noncompliance with Chapter 62-550 or 62-555, F.A.C.;
- said PWS considers the connection(s) between the substantially complete portion of this project and said PWS acceptable as constructed.

 9-26-19
Signature and Date

Gary Deremer
Printed or Typed Name

President
Title

C. Certification by PWS that Will Own Project After It Is Placed into Permanent Operation

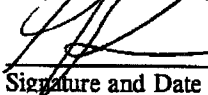
I am duly authorized to sign this form on behalf of the PWS identified in Part I.F of this form. I certify that said PWS will own the substantially complete portion of this project after it is placed into permanent operation, and I certify the following:

- said PWS considers the substantially complete portion of this project acceptable as constructed;
- said PWS has received complete record drawings for the substantially complete portion of this project and the record drawings

are available for review at the following location: water treatment plant

- if the substantially complete portion of this project includes any new or altered drinking water treatment facilities, said PWS has received an operation and maintenance manual for the new or altered treatment facilities, and the operation and maintenance manual is available for reference at the site of the new or altered treatment facilities or at a convenient location near the site of the new or altered treatment facilities.

I understand that said PWS must operate and maintain this project in a such a manner as to comply with Chapters 62-550, 62-555, 62-560, and 62-699, F.A.C.

 9-26-19
Signature and Date

Gary Deremer
Printed or Typed Name

President
Title

CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

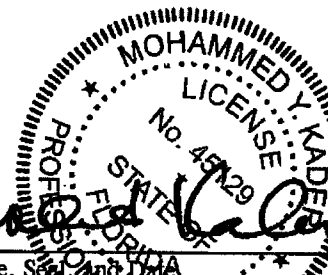
DEP Construction Permit Number: 349439-003-WC

Substantially Complete Portion of Project if Other than Entire Project:

D. Certification by Professional Engineer in Responsible Charge of Inspecting Construction of Project*

I, the undersigned professional engineer licensed in Florida, am in responsible charge of inspecting construction of this project for the purpose of determining in general if the construction proceeds in compliance with the Department of Environmental Protection (DEP) construction permit, including the approved preliminary design report or drawings and specifications, for this project. I, or a person acting under my responsible charge, observed construction of the substantially complete portion of this project and reviewed shop drawings, test results, and record drawings for the substantially complete portion of this project, and based upon said observation and reviews, I certify the following:

- the substantially complete portion of this project is sufficiently complete to be utilized for the purposes for which it is intended;
- the substantially complete portion of this project has been completed in accordance with the DEP construction permit, including the approved preliminary design report or drawings and specifications, for this project; or to the best of my knowledge and belief, the deviations described and explained in Part II of this form will not prevent the substantially complete portion of this project from functioning in compliance with Chapters 62-550 and 62-555, F.A.C.;
- all new or altered public water system components that are included in the substantially complete portion of this project and that must be disinfected and bacteriologically surveyed or evaluated per subsection 62-555.315(6), F.A.C., or Rule 62-555.340, F.A.C., have been disinfected and bacteriologically surveyed or evaluated in accordance with said subsection or said rule; and
- the record drawings for the substantially complete portion of this project adequately depict the substantially complete portion of this project as constructed and identify the deviations described and explained in Part II of this form.


Signature, Seal, and Date: Mohammed Y. Kader 12/26/19

Mohammed Y. Kader, P.E.

45129

Printed or Typed Name

License Number

* Whenever a project is assigned under the responsible charge of a professional engineer licensed in Florida and is permitted by the Department, construction of the project shall be inspected under the responsible charge of a professional engineer licensed in Florida. If construction of this project is inspected under the responsible charge of a professional engineer licensed in Florida, Part III.D of this form shall be completed, signed, sealed, and dated by the professional engineer in responsible charge. If this project is not inspected under the responsible charge of a professional engineer licensed in Florida, Part III.D does not have to be completed.

CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION

INSTRUCTIONS: This form shall be completed and submitted for projects permitted and constructed under specific Department of Environmental Protection (DEP) construction permits for public water system components, under the DEP's "General Permit for Construction of Water Main Extensions for Public Water Systems," or under the DEP's "General Permit for Construction of Lead or Copper Corrosion Control, or Iron or Manganese Sequestration, Treatment Facilities for Small or Medium Public Water Systems." AFTER COMPLETING, OR SUBSTANTIALLY COMPLETING, CONSTRUCTION OF A PROJECT, OR A PORTION THEREOF, AND BEFORE PLACING THE SUBSTANTIALLY COMPLETE PROJECT, OR PORTION THEREOF, INTO OPERATION FOR ANY PURPOSE OTHER THAN DISINFECTION, TESTING FOR LEAKS, OR TESTING EQUIPMENT OPERATION, complete and submit one copy of this form to the appropriate DEP District Office or Approved County Health Department along with one copy of the following information:

- the portion of record drawings showing deviations from the DEP construction permit, including the approved preliminary design report or drawings and specifications, if there are any deviations from said permit (note that it is necessary to submit a copy of only the portion of record drawings showing deviations and not a complete set of record drawings);
- bacteriological test results, including a sketch or description of all bacteriological sampling locations, demonstrating compliance with subsection 62-555.315(6), F.A.C., or Rule 62-555.340, F.A.C., if the substantially complete portion of the project includes any new or altered public water system (PWS) components that must be disinfected and bacteriologically surveyed or evaluated per said subsection or said rule;
- analytical test results demonstrating compliance with Part III of Chapter 62-550, F.A.C., or subsection 62-524.650(2), F.A.C., if the substantially complete portion of the project includes any new or altered PWS components that are necessary to achieve, or affect, compliance with said part or said subsection;
- a completed Form 62-555.900(20), New Water System Capacity Development Financial and Managerial Operations Plan, if the DEP construction permit was issued before the effective date of Rule 62-555.525, F.A.C., (9-22-99) and the substantially complete portion of the project creates a "new system" as described under subsection 62-555.525(1), F.A.C.; and
- any other information required by conditions in the DEP construction permit.

All information provided on this form shall be typed or printed in ink. NOTE THAT A SEPARATE CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE IS REQUIRED FOR EACH PERMITTED PROJECT. **DO NOT PLACE ANY NEW OR ALTERED PWS COMPONENTS INTO PERMANENT OPERATION UNTIL THE DEPARTMENT ISSUES WRITTEN APPROVAL, OR CLEARANCE, TO PLACE THE COMPONENTS INTO PERMANENT OPERATION.**

DRINKING WATER MICROBIAL SAMPLE COLLECTION & LABORATORY REPORTING FORMAT

☐ 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354 • E82574
☐ 4965 SW 41st Blvd • Gainesville, FL 32608 • 352.377.2349 • Fax 352.395.6639 • E82041
☐ 10200 USA Today Way • Miramar, FL 33025 • 954.889.2288 • Fax 954.889.2281 • E82535
☐ 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327 • E84589
☐ 380 Northlake Blvd., Suite 1048 • Altamonte Springs, FL 32701 • 407.937.1594 • E53076
☐ 2639 N. Monroe St., Suite D, Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275 • E811095
☒ 13100 Westlinks Terrace, Unit 10, Fort Myers, FL 33913 • 239-674-8130 • Fax 239-674-8128 • E84492



Advanced
Environmental Laboratories, Inc.



* F 1903754 *

Lab Receipt Date & Time: 9/25/19 1440
 Analysis Date & Time: 9/25/19 1635
 Sample Acceptance Criteria:
 Sample Preservation: ☒ On Ice ☐ Not On Ice 290
 Disinfectant Check: ☒ Not Detected ☐
 This Sample does not meet the following NELAC requirements:

Report Number: _____ Sub-Contract Lab ID: E84492

Analysis Requested: (check all that apply)

☒ Total Coliform/E. coli ☐ Total Coliform/Fecal ☐ Enterococci ☐ Coliphage ☐ HPC ☐ Other: _____ Limited Use System _____

Public Water System (PWS) Name: Leisure Lakes

PWS I.D.: 628-0064

PWS Address: 140 Woodside Dr

City, State, Zip: Lake Placid

PWS or PWS Owner's Phone #: 727-848-8292

E-Mail: dkibitewski@uswatercorp.net

Collector: Andrew Barremers

Collector's Phone #: 863-581-3596

Type of Supply: (check only one)

☒ Community Water System ☐ Non-Transient Non-community Water System ☐ Transient Non-community Water System

☐ Limited Use System ☐ Bottled Water ☐ Private Well ☐ Swimming Pool ☐ Other: _____

Reason for Sampling: (check all that apply)

☐ Distribution Routine ☐ Distribution Repeat ☐ Raw (triggered or assessment) ☐ Raw (triggered or assessment) additional ☐ Well Survey

☐ Clearance ☐ Replacement (also check type of sample being replaced) ☒ Boil Water Notice ☐ Other: _____

Sample Collection Date: 9/24 - 9/25

DCN: AD-0045

Effective 01/85, Printable Revision 4/11/17

To be completed by collector of sample						To be completed by lab				
Sample #	Sample Point (Location or Specific Address)	Sample Collection Time (24 hr clock)	Sample Type	Disinfectant Residual (mg/L)	pH	Non-Coliform	Total Coliform	Fecal (E. coli), Enterococci, or Coliphage	Data Qualifier	Lab Sample #
124	110 Jasmine St.	1700	T/D	3.8	7.8		A	A		001
	6 Venetian	1710	T/D	3.9	7.7		A	A		002
25	110 Jasmine St	0830	T/D	3.6	7.7		A	A		003
	6 Venetian	0840	T/D	3.8	7.8		A	A		004

Average of disinfectant residuals for distribution routine & repeat samples. ☐ Free chlorine or ☒ Total chlorine (check one).

Disinfectant Residual Analysis Method:

☒ DPD Colorimetric ☐ Other: _____

Person performing disinfectant analysis is (Check one of below):

☒ A certified operator (# 022604)

☐ Supervised by certified operator (# _____)

☐ Employed by a certified lab ☐ Employed by DEP or DOH

☐ Authorized representative of supplier of water

Unless otherwise noted, all tests are performed in accordance with NELAC standards, and the results relate only to the samples.

Date and time PWS notified by lab of positive results: _____

Date and time DEP/DOH notified by lab of positive results: _____

Lab Signature: [Signature]

Title: Analyst

Date & Time Report issued: 9/26/19 1120



SEL Client: US Water 578

Project: RU 9-24 + 9-25 Part: _____

Send to DEP/DOH? (Init): Yes _____ No _____

Paid _____ Amt _____ How: _____

☐ Satisfactory ☐ Incomplete Collection Information ☐ Repeat Samples Required ☐ Replacement Samples Required

Date Reviewed by DEP/DOH: _____

DEP/DOH Reviewing Official: _____

- Indicate the sample type for each sample collected. Sample type codes are: D = Distribution (routine compliance), C = Repeat/Check, R = Raw, N = Entry Point to Distribution, P = Plant Tap, S = Special (clearance, etc.).
 - Lab certification number for the listed method is included at top with the laboratory address.
 - Please circle appropriate selection.
 - Defined in Florida Administrative Code Rule 62-160, Table 1.
 - Complete for community & non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.
- Results Key: A = Coliforms are absent; P = Coliforms are present; C = confluent growth; TNTC = too numerous to count (62-530.730 Reporting Format).

Relinquish By: [Signature]

Date: 9/25/19 Time: 0950

Received By: [Signature]

Date: 9-25-19 Time: 0950

Received By: [Signature]

Date: 9/25/19 Time: 1440



Florida Department of Environmental Protection

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@dep.state.fl.us

In the matter of an
Application for Permit by:

HC Waterworks, Inc.
Gary Deremer, President
4939 Cross Bayou Blvd
New Port Richey, FL 34652
Emailed to: gderemer@uswatercorp.net

DEP File No: 349439-002-WC
County: Highlands
Project Name: HC Waterworks, Inc./ Leisure
Lakes WTP – Hydrogen Sulfide
Removal System
PWS ID: 6280064

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number 349439-002-WC to construct modification to the existing water treatment plant, issued pursuant to Section 403.861(9), Florida Statutes.

This permit is final and effective on the date filed with the clerk of the Department unless a petition is filed in accordance with the paragraphs below or unless a request for extension of time in which to file a petition is filed within the required timeframe and conforms to Rule 62-110.106(4), F.A.C. Upon timely filing of a petition or a request for an extension, this permit will not be effective until further Order of the Department.

A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) with the Agency Clerk for the Department of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, within 14 days of receipt of this Notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-106.205, F.A.C.

A petition must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of how and when the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts which petitioner contends warrant reversal or modification of the Department's action;
- (f) A statement of the specific rules or statutes the petitioner contends requires reversal or modification of the Department's action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by petitioner, stating precisely the action that the petitioner wants the Department to take.

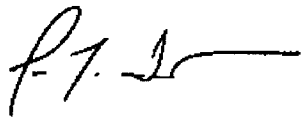
A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any such final decision of the Department on the petition have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to section 120.68 of the Florida Statutes, by filing a Notice of Appeal pursuant to Rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when the final order is filed with the Clerk of the Department.

Executed in Fort Myers, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jon M. Iglehart
Director of District Management

Enclosure: Permit

CERTIFICATION OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Permit Issuance and all copies were mailed/electronically transmitted before the close of business on January 18, 2018, to those persons listed.

FILING AND ACKNOWLEDGMENT

FILED, on this date, under Section 120.52, Florida Statutes, with the designated Deputy Clerk, receipt of which is hereby acknowledged.



Clerk

January 18, 2018
Date

JMI/OJO/

Copies Furnished to:
Mohammed Y. Kader, P.E. mkader@uswatercorp.net
Keith Keegan, P.E. kkeegan@uswatercorp.net



Florida Department of Environmental Protection

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@dep.state.fl.us

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

Permittee:

HC Waterworks, Inc.
Gary Deremer, President
4939 Cross Bayou Blvd
New Port Richey, FL 34652
Emailed to: gderemer@uswatercorp.net

PWS ID: 6280064
Permit Number: 349439-002-WC
Issue Date: January 18, 2018
Expiration Date: January 17, 2023
County: Highlands
Project Name: HC Waterworks, Inc./Leisure
Lakes WTP – Hydrogen Sulfide
Removal System
Water Supplier: HC Waterworks, Inc. – Leisure
Lakes WTP

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-550, 62-555, and 62-699. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TO CONSTRUCT: Modification to the existing 72,000 GPD water treatment plant by the addition of a packed tower aeration system for removal of hydrogen Sulfide with associated acid and caustic feed systems for pH adjustment.

PROPOSED CONSTRUCTION INCLUDES:

1. Installation of a DeLoach packed tower aeration system/forced draft degasification tower sized for a flow of 200 gpm for the removal of hydrogen sulfide.
2. Installation of sulfuric acid chemical feed system for pH adjustment including a 500-gallon double wall containment storage tank and a 35-gallon vertical translucent day tank.
3. Installation of caustic (sodium hydroxide) chemical feed system for pH adjustment including a 200-gallon double wall storage tank and a 22-gallon vertical translucent day tank.
4. Installation of 4,000-gallon hydropneumatics (pressure) tank.
5. All associated piping and injection points.

IN ACCORDANCE WITH: U.S. Water Service Corporation design drawings, sheets 1 thru 10, dated December 5, 2017, and received the same date, along with related design report, and technical specifications dated January 10, 2018. The design drawings and related documentations were submitted in support of the construction application. The application was dated December 5, 2017.

LOCATION: The project is located at 140 Woodside Drive, Lake Placid, Highlands County, Florida.

Work must be conducted in accordance with the General and Specific Conditions, attached hereto.

GENERAL CONDITIONS:

The following General Conditions are referenced in Florida Administrative Code Rule 62-4.160.

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
 - a. Have access to and copy any records that must be kept under conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - c. Sample or monitor any substances or parameters at any location reasonable necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
 - a. A description of and cause of noncompliance; and

- b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages, which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.
9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Section 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.
11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300 F.A.C., as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - a. Determination of Best Available Control Technology (BACT)
 - b. Determination of Prevention of Significant Deterioration (PSD)
 - c. Certification of compliance with state Water Quality Standards (Section 401, PL 92-500)
 - d. Compliance with New Source Performance Standards
14. The permittee shall comply with the following:
 - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - c. Records of monitoring information shall include:
 1. the date, exact place, and time of sampling or measurements;
 2. the person responsible for performing the sampling or measurements;
 3. the dates analyses were performed;
 4. the person responsible for performing the analyses;
 5. the analytical techniques or methods used;
 6. the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law, which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS:

1. The Permittee shall retain service a Florida-licensed professional engineer in accordance with subsection **62-555.530(3), F.A.C.**, to take responsible charge of inspecting construction of the project for the purpose of determining in general if the construction proceeds in compliance with the permit, including the approved preliminary design report or drawings and specifications for the project.
2. The Permittee shall have complete record drawings produced for the project in accordance with subsection **62-555.530(4), F.A.C.**
3. The Permittee shall provide an operation and maintenance manual for all new or altered facilities to fulfill the requirements under subsection **62-555.350(13), F.A.C.**
4. The Permittee shall submit a certification of construction completion to the Department and obtain approval or clearance, from the Department per **Rule 62-555.345, F.A.C.**, before placing any public water system components constructed or altered under this permit in operation for any purpose other than disinfection, testing for leaks, or testing equipment operation. This does not prohibit the Permittee from cutting into existing water mains, and returning the water mains to operation in accordance with subsection **62-555.340(5), F.A.C.**, without the Department's approval.
5. Chemicals that are contained in coatings that are applied to a surface in contact with drinking water, or are otherwise on equipment surfaces that come into contact with the water, and additives and chemicals used to treat water shall conform to American National Standards Institute (ANSI)/NSF International Standard 60-1988. Water system components whose surfaces come into contact with drinking water shall conform to ANSI/NSF Standard 61-1991. The authorized representative of the public water system shall certify in writing that each item conforms to the appropriate standard prior to release for operation. **[Rules 62-555.320(3) (a), 62-555.320(3)(b) and 62-555.320(3)(d), F.A.C.]**
6. The installation or repair of any public water system, or any plumbing in residential or nonresidential facility providing water for human consumption, which is connected to a public water system, shall be lead free. **[Rule 62-555.322(1), F.A.C.]**
7. The permittee must instruct the engineer of record to request system clearance from the Department within sixty (60) days of completion of construction, testing and disinfecting the system. Bacteriological test results shall be considered unacceptable if the test were completed more than 60 days before the Department received the results. **[Rule 62-555.340(2) (c) F.A.C.]**

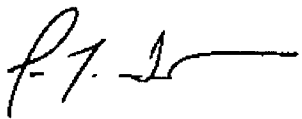
Permitted construction or alteration of a public water system may not be placed into service until a letter of clearance has been issued by this Department. **[Rule 62-555.345, F.A.C.]**
8. Prior to placing this project into service, Permittee shall submit, at a minimum, all of the following to the Department for evaluation and approval for operation, as provided in **Rules 62-555.340 and 62-555.345, F.A.C.**:
 - a. The Certification of Construction Completion and Request for Clearance to Place Permitted PWS Components Into Operation {DEP Form 62-555.900(9)}
 - b. Certified record drawings, if there are any changes noted for the permitted project.

- c. Copy of a satisfactory pressure test of the process piping performed in accordance with AWWA Standards. [Rule 62-555.320(21) (a) (1), F.A.C.]
- d. Two consecutive days of satisfactory distribution bacteriological analytical results.

In order to facilitate the issuance of a letter of clearance, the Department requests that all of the above information be submitted as one package.

- 9. The facility has been classified as a Category V, Class D water treatment plant. Accordingly, the lead or chief operator must be Class D or higher. Proof of staffing by a Class D or higher operator: 3 visits/week on nonconsecutive days for a total of 0.3 hour/week. F.A.C. Rule 62-699.310(2)(e)5.
- 10. The water treatment plant shall maintain throughout the distribution system a minimum combined chlorine residual of 0.6 mg/l or its equivalent. A minimum system pressure of 20 psi must be maintained throughout the system. Also, safety equipment shall be provided and located outside of chlorine room.
- 11. The permittee shall submit a monthly operations report (MOR) DEP Form 62-555.900(2), to the Department no later than the tenth of each succeeding month.
- 12. Permittee shall follow the guidelines of Chapters 62-550, 62-555, and 62-560, F.A.C., regarding public drinking water system standards, monitoring, reporting, permitting, construction, and operation.
- 13. This facility is a Community Water System as defined in F.A.C. Rule 62-550.200(17) and shall comply with the applicable chemical, radiological, lead and copper, and bacteriological monitoring requirements of F.A.C. Chapter 62-550. Such requirements shall be initiated within the quarter that the modification of the water treatment facility is implemented and the results submitted to the Department.
- 14. The permittee shall provide an operation and maintenance manual for the new or altered treatment facilities to fulfill the requirements under subsection 62-555.350(13), F.A.C. The manual shall contain operation and control procedures, and preventative maintenance and repair procedures, for all plant equipment and shall be made available for reference at the plant or at a convenient location near the plant. Bound and indexed equipment manufacturer manuals shall be considered sufficient to meet the requirements of the subsection.
- 15. The permittee or suppliers of water shall telephone the State Warning Point (SWP), at 1-800-320-0519 immediately (i.e. within two hours) after discovery of any actual or suspected sabotage or security breach, or any suspicious incident, involving a public water system in accordance with the F.A.C. Rule 62-555.350(10).

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jon M. Iglehart
Director of
District Management



FLORIDA DEPARTMENT OF Environmental Protection

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@FloridaDEP.gov

Rick Scott
Governor
Carlos Lopez-Cantera
Lt. Governor
Noah Valenstein
Secretary

In the matter of an
Application for Permit by:

HC Waterworks, Inc. – Leisure Lakes
Gary Deremer, President
4939 Cross Bayou Blvd.
New Port Richey, FL 34652
Emailed to: mkader@uswatercorp.net

DEP File No: 349439-003-WC
County: Highlands
Project Name: HC Waterworks, Inc./Leisure
Lakes WTP – Hydrogen Sulfide
Removal System
PWS ID: 6280064

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number 349439-003-WC to construct modification to the existing water treatment plant, issued pursuant to Section 403.861(9), Florida Statutes.

This permit is final and effective on the date filed with the clerk of the Department unless a petition is filed in accordance with the paragraphs below or unless a request for extension of time in which to file a petition is filed within the required timeframe and conforms to Rule 62-110.106(4), F.A.C. Upon timely filing of a petition or a request for an extension, this permit will not be effective until further Order of the Department.

A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) with the Agency Clerk for the Department of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, within 14 days of receipt of this Notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-106.205, F.A.C.

A petition must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of how and when the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts which petitioner contends warrant reversal or modification of the Department's action;
- (f) A statement of the specific rules or statutes the petitioner contends requires reversal or modification of the Department's action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by petitioner, stating precisely the action that the petitioner wants the Department to take.

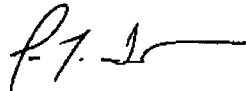
A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any such final decision of the Department on the petition have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to section 120.68 of the Florida Statutes, by filing a Notice of Appeal pursuant to Rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when the final order is filed with the Clerk of the Department.

Executed in Fort Myers, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jon M. Iglehart
Director of District Management

Enclosure: Permit

CERTIFICATION OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Permit Issuance and all copies were mailed/electronically transmitted before the close of business on September 14, 2018, to those persons listed.

FILING AND ACKNOWLEDGMENT

FILED, on this date, under Section 120.52, Florida Statutes, with the designated Deputy Clerk, receipt of which is hereby acknowledged.



Clerk

September 14, 2018
Date

JMI/OJO/



FLORIDA DEPARTMENT OF Environmental Protection

South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
SouthDistrict@FloridaDEP.gov

Rick Scott
Governor
Carlos Lopez-Cantera
Lt. Governor
Noah Valenstein
Secretary

Permittee:

HC Waterworks, Inc. – Leisure Lakes
Gary Deremer, President
4939 Cross Bayou Blvd.
New Port Richey, FL 34652
Emailed to: mkader@uswatercorp.net

PWS ID: 6280064
Permit Number: 349439-003-WC
Issue Date: September 14, 2018
Expiration Date: January 17, 2023
County: Highlands
Project Name: HC Waterworks, Inc./Leisure Lakes
WTP - Hydrogen Sulfide Removal
System
Water Supplier: HC Waterworks, Inc.- Leisure Lakes
WTP

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-550, 62-555, and 62-699. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

TO CONSTRUCT: Modification to permit number 349439-002 issued January 18, 2018 and to the existing 72,000 GPD water treatment plant.

PROPOSED CONSTRUCTION INCLUDES:

1. Installation of a 5,000 gallon concrete storage clearwell with two submersible turbine transfer pumps each rated at 200 GPM @40' TDH.
2. Installation of a high service pump (Peerless C-620A) rated at 290 @ 115' TDH.
3. Associated site piping improvements.
4. Relocation of existing forced draft aeration system and chemical injection points.

IN ACCORDANCE WITH: U.S. Water Services Corporation design drawings, sheets 1 thru 7 of 7, dated, August 27, 2018, along with related technical specifications and documents. The design drawings and related documentations were submitted in support of the construction application. The application was dated June 26, 2018, revised and dated August 27, 2018.

LOCATION: The project is located at 140 Woodside Drive, Lake Placid, Highlands County, Florida.

Work must be conducted in accordance with the General and Specific Conditions, attached hereto.

GENERAL CONDITIONS:

The following General Conditions are referenced in Florida Administrative Code Rule 62-4.160.

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
 - a. Have access to and copy any records that must be kept under conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - c. Sample or monitor any substances or parameters at any location reasonable necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
 - a. A description of and cause of noncompliance; and
 - b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all

damages, which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Section 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.
11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300 F.A.C., as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - a. Determination of Best Available Control Technology (BACT)
 - b. Determination of Prevention of Significant Deterioration (PSD)
 - c. Certification of compliance with state Water Quality Standards (Section 401, PL 92-500)
 - d. Compliance with New Source Performance Standards
14. The permittee shall comply with the following:
 - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - c. Records of monitoring information shall include:
 1. the date, exact place, and time of sampling or measurements;
 2. the person responsible for performing the sampling or measurements;
 3. the dates analyses were performed;
 4. the person responsible for performing the analyses;
 5. the analytical techniques or methods used;
 6. the results of such analyses.
15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law, which is needed to determine compliance with the permit. If the permittee becomes

aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS:

1. The Permittee shall retain service a Florida-licensed professional engineer in accordance with subsection **62-555.530(3), F.A.C.**, to take responsible charge of inspecting construction of the project for the purpose of determining in general if the construction proceeds in compliance with the permit, including the approved preliminary design report or drawings and specifications for the project.
2. The Permittee shall have complete record drawings produced for the project in accordance with subsection **62-555.530(4), F.A.C.**
3. The Permittee shall provide an operation and maintenance manual for all new or altered facilities to fulfill the requirements under subsection **62-555.350(13), F.A.C.**
4. The Permittee shall submit a certification of construction completion to the Department and obtain approval or clearance, from the Department per **Rule 62-555.345, F.A.C.**, before placing any public water system components constructed or altered under this permit in operation for any purpose other than disinfection, testing for leaks, or testing equipment operation. This does not prohibit the Permittee from cutting into existing water mains, and returning the water mains to operation in accordance with subsection **62-555.340(5), F.A.C.**, without the Department's approval.
5. Chemicals that are contained in coatings that are applied to a surface in contact with drinking water, or are otherwise on equipment surfaces that come into contact with the water, and additives and chemicals used to treat water shall conform to American National Standards Institute (ANSI)/NSF International Standard 60-1988. Water system components whose surfaces come into contact with drinking water shall conform to ANSI/NSF Standard 61-1991. The authorized representative of the public water system shall certify in writing that each item conforms to the appropriate standard prior to release for operation. **[Rules 62-555.320(3) (a), 62-555.320(3)(b) and 62-555.320(3)(d), F.A.C.]**
6. The installation or repair of any public water system, or any plumbing in residential or nonresidential facility providing water for human consumption, which is connected to a public water system, shall be lead free. **[Rule 62-555.322(1), F.A.C.]**
7. The permittee must instruct the engineer of record to request system clearance from the Department within sixty (60) days of completion of construction, testing and disinfecting the system. Bacteriological test results shall be considered unacceptable if the test were completed more than 60 days before the Department received the results. **[Rule 62-555.340(2) (c) F.A.C.]**

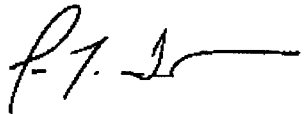
Permitted construction or alteration of a public water system may not be placed into service until a letter of clearance has been issued by this Department. **[Rule 62-555.345, F.A.C.]**
8. Prior to placing this project into service, Permittee shall submit, at a minimum, all of the following to the Department for evaluation and approval for operation, as provided in **Rules 62-555.340 and 62-555.345, F.A.C.**:
 - a. The Certification of Construction Completion and Request for Clearance to Place Permitted PWS Components Into Operation {DEP Form 62-555.900(9)}
 - b. Certified record drawings, if there are any changes noted for the permitted project.
 - c. Copy of a satisfactory pressure test of the process piping performed in accordance with AWWA Standards. **[Rule 62-555.320(21) (a) (1), F.A.C.]**

- d. Two consecutive days of satisfactory distribution bacteriological analytical results.

In order to facilitate the issuance of a letter of clearance, the Department requests that all of the above information be submitted as one package.

9. The facility has been classified as a Category V, Class D water treatment plant. Accordingly, the lead or chief operator must be Class D or higher. Proof of staffing by a Class D or higher operator: 3 visits/week on nonconsecutive days for a total of 0.3 hour/week. F.A.C. Rule 62-699.310(2)(e)5.
10. The water treatment plant shall maintain throughout the distribution system a minimum combined chlorine residual of 0.6 mg/l or its equivalent. A minimum system pressure of 20 psi must be maintained throughout the system. Also, safety equipment shall be provided and located outside of chlorine room.
11. The permittee shall submit a monthly operations report (MOR) DEP Form 62-555.900(2), to the Department no later than the tenth of each succeeding month.
12. Permittee shall follow the guidelines of Chapters 62-550, 62-555, and 62-560, F.A.C., regarding public drinking water system standards, monitoring, reporting, permitting, construction, and operation.
13. This facility is a Community Water System as defined in F.A.C. Rule 62-550.200(17) and shall comply with the applicable chemical, radiological, lead and copper, and bacteriological monitoring requirements of F.A.C. Chapter 62-550. Such requirements shall be initiated within the quarter that the modification of the water treatment facility is implemented and the results submitted to the Department.
14. The permittee shall provide an operation and maintenance manual for the new or altered treatment facilities to fulfill the requirements under subsection 62-555.350(13), F.A.C. The manual shall contain operation and control procedures, and preventative maintenance and repair procedures, for all plant equipment and shall be made available for reference at the plant or at a convenient location near the plant. Bound and indexed equipment manufacturer manuals shall be considered sufficient to meet the requirements of the subsection.
15. The permittee or suppliers of water shall telephone the State Warning Point (SWP), at 1-800-320-0519 immediately (i.e. within two hours) after discovery of any actual or suspected sabotage or security breach, or any suspicious incident, involving a public water system in accordance with the F.A.C. Rule 62-555.350(10).

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Jon M. Iglehart
Director of
District Management



4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Invoice #	891460
Date	5/1/2019
Due Date	5/31/2019
Account #	704
P.O. or W.A. #	709-102

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project					
709-102 Leisure Lakes WTP Mods (R4B)					
Date	Description	Qty or Hrs	Unit	Rate	Amount
	Leisure Lake WTP Modifications				
	Pay Application No 1 - Through 4/30/2019	1	LS	128,010.84	128,010.84
	Retainage withheld @ 10%	1	LS	-12,801.08	-12,801.08
	Engineering, Consulting, Technical Services: Water/Wastewater Utility Systems	1	LS	10,354.99	10,354.99
<div>Entered: <u>[Signature]</u></div> <div>COA Code: <u>705</u></div> <div>Approved: <u>C 5-20-19</u></div> <div>Paid: _____</div> <div>Date: _____</div>					
				Total	\$125,564.75
Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: uswater-ar@uswatercorp.net				Payments/Credits	\$0.00
				Balance Due	\$125,564.75

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702 PAGE 1 OF 2 PAGES

TO OWNER:		PROJECT: Leisure Lakes WTP Modifications		APPLICATION NO: 1	Distribution to: OWNER <input checked="" type="checkbox"/> ENGINEER <input checked="" type="checkbox"/> CONTRACTOR <input checked="" type="checkbox"/> FIELD <input type="checkbox"/> OTHER <input type="checkbox"/>
H.C. Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Blvd New Port Richey, FL 34652				PERIOD TO: 04/30/19	
FROM CONTRACTOR:		VIA ENGINEER:		CONTRACT FOR: WTP Modifications	
U.S. Water Services Corporation 4939 Cross Bayou Blvd New Port Richey, FL 34652		U.S. Water Services Corporation 4939 Cross Bayou Blvd New Port Richey, FL 34652		CONTRACT DATE: 709-102	
				U.S. WATER ACCOUNT NO.:	

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM..... \$ 539,322.24
2. NET CHANGE BY CHANGE ORDERS..... \$ -
3. CONTRACT SUM TO DATE (Line 1 ± 2)..... \$ 539,322.24
4. TOTAL COMPLETED & STORED TO DATE (Column J on G703) \$ 128,010.84
5. RETAINAGE:
 - a. 10% % of Completed Work \$ 12,801.08
(Columns G + H on G703)
 - b. 10% % of Stored Material \$ -
(Columns I on G703)
- Total Retainage (Lines 5a + 5b, or Total in Column K of G703) ... \$ 12,801.08
6. TOTAL EARNED LESS RETAINAGE..... \$ 115,209.76
(Line 4 minus Line 5 Total)
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT..... \$ -
(Line 6 from prior Certificate)
8. CURRENT PAYMENT DUE..... **\$ 115,209.76**
9. BALANCE TO FINISH, INCLUDING RETAINAGE..... \$ 424,112.48
(Line 3 minus Line 6)

	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total changes approved this month		
TOTAL		
NET CHANGES by Change Order	\$	-

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By: Edward Mitchell
Edward Mitchell, Vice President

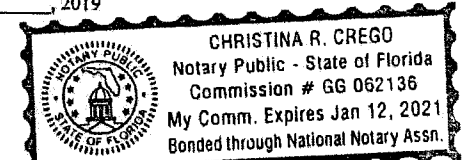
Date: May 1, 2019

State of: FLORIDA County of: PASCO

Subscribed and sworn to before me this 1st day of May, 2019

Notary Public:

My Commission expires: January 12, 2021



ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED.....\$
(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:

By: _____

Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

AIA DOCUMENT G703

PAGE 2 OF 2 PAGES

AIA Document G702™-1992, Application and Certificate for Payment,
Application and Certificate for Payment, Construction Manager as Advisor Edition,
Containing Contractor's signed certification is attached.

In tabulations below, amounts are in US dollars.

Use Column K on Contracts where variable retainage for line items may apply.

APPLICATION NO: 1
APPLICATION DATE: 05/01/19
PERIOD TO: 04/30/19
USW ACCT NO.: 709-102

A	B	C	D	E	F		G		H	I	J	K	
ITEM NO.	DESCRIPTION OF WORK	QT Y	U/M	UNIT PRICE	SCHEDULE D VALUE	WORK COMPLETED				MATERIALS PRESENTLY STORED <i>(Not In G or H)</i>	TOTAL COMPLETED AND STORED TO DATE <i>(G+H+I)</i>	% (J/F)	RETAINAGE VALUE OF ITEMS COMPLETED TO DATE
						%	FROM PREVIOUS APPLICATION (G +H)	%	THIS PERIOD				
1	MOBILIZATION/ DEMOBILIZATION	1	LS	\$52,932.00	\$52,932.00		\$0.00	30%	\$15,879.60		\$15,879.60	30%	\$1,587.96
2	DEMOLITION	1	LS	\$18,851.04	\$18,851.04		\$0.00		\$0.00		\$0.00	0%	\$0.00
3	DEGASIFICATION SYSTE,	1	LS	\$124,390.23	\$124,390.23		\$0.00	30%	\$37,317.07		\$37,317.07	30%	\$3,731.71
4	SULFURIC ACID & SODIUM HYDROXIDE FE	1	LS	\$70,915.51	\$70,915.51		\$0.00	50%	\$35,457.76		\$35,457.76	50%	\$3,545.78
5	GENERATOR & AUTO TRANSFER SWITCH	1	LS	\$67,629.78	\$67,629.78		\$0.00		\$0.00		\$0.00	0%	\$0.00
6	HYDRO-PNEUMATIC TANK	1	LS	\$72,863.22	\$72,863.22		\$0.00	25%	\$18,215.81		\$18,215.81	25%	\$1,821.58
7	HIGH SERVICE PUMPS & CONTROLS	1	LS	\$31,065.46	\$31,065.46		\$0.00	25%	\$7,766.37		\$7,766.37	25%	\$776.64
8	WELL PIPING	1	LS	\$22,045.00	\$22,045.00		\$0.00	25%	\$5,511.25		\$5,511.25	25%	\$551.13
9	ELECTRICAL & CONTROLS	1	LS	\$78,630.00	\$78,630.00		\$0.00	10%	\$7,863.00		\$7,863.00	10%	\$786.30
CONTRACT SUB TOTAL					\$529,322.24		\$0.00		\$128,010.84	\$0.00	\$128,010.84	24%	\$12,801.08
CHANGE ORDERS													
10					\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
CHANGE ORDERS TOTAL					\$0.00		\$0.00		\$0.00	\$0.00	\$0.00		\$0.00
GRAND TOTAL					\$529,322.24		\$0.00		\$128,010.84	\$0.00	\$128,010.84	24%	\$12,801.08



4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

Invoice #	891461
Date	5/1/2019
Due Date	5/31/2019
Account #	704
P.O. or W.A. #	709-102R

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project					
709-102 Leisure Lakes WTP Mods (R4B)					
Date	Description	Qty or Hrs	Unit	Rate	Amount
	Leisure Lake WTP Modifications				
	Pay Application No 1 - Through 4/30/2019	0	LS	128,010.84	0.00
	Retainage withheld @ 10%	1	LS	12,801.08	12,801.08
	Engineering, Consulting, Technical Services: Water/Wastewater Utility Systems	0	LS	10,354.99	0.00
<div>Entered: <u> </u></div> <div>COA Code: <u>105</u></div> <div>Approved: <u> </u> 5-20-19</div> <div>Paid: <u> </u> CK # 1409</div> <div>Date: <u> </u> 5/22/19</div>					
				Total	\$12,801.08
Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: uswater-ar@uswatercorp.net				Payments/Credits	\$0.00
				Balance Due	\$12,801.08



4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Invoice #	895233
Date	7/23/2019
Due Date	8/22/2019
Account #	704
P.O. or W.A. #	709-102

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project					
709-102 Leisure Lakes WTP Mods (R4B)					
Date	Description	Qty or Hrs	Unit	Rate	Amount
	Leisure Lake WTP Modifications				
	Pay Application No 1 - Through 7/22/2019	1	LS	66,957.87	66,957.87
	Retainage withheld @ 10%	1	LS	-6,695.79	-6,695.79
	Engineering, Consulting, Technical Services: Water/Wastewater Utility Systems	1	LS	5,177.49	5,177.49
<div>Entered: <u>[Signature]</u></div> <div>COA Code: <u>320</u></div> <div>Approved: <u>[Signature]</u> 7-23-19</div> <div>Paid: <u>ck # 1426</u></div> <div>Date: <u>7/26/19</u></div>					
Total				\$65,439.57	
Payments/Credits				\$0.00	
Balance Due				\$65,439.57	

Questions about your bill?
Phone: 727-848-8292 EXT 219
Toll free: 866-753-8292 EXT 219
Email: uswater-ar@uswatercorp.net

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702 PAGE 1 OF 2 PAGES

TO OWNER:		PROJECT:	APPLICATION NO:	2	Distribution to: OWNER <input checked="" type="checkbox"/> ENGINEER <input checked="" type="checkbox"/> CONTRACTOR <input checked="" type="checkbox"/> FIELD <input type="checkbox"/> OTHER <input type="checkbox"/>
H.C. Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Blvd New Port Richey, FL 34652		Leisure Lakes WTP Modifications	PERIOD TO:	07/22/19	
FROM CONTRACTOR:		VIA ENGINEER:	CONTRACT FOR:	WTP Modifications	
U.S. Water Services Corporation 4939 Cross Bayou Blvd New Port Richey, FL 34652		U.S. Water Services Corporation 4939 Cross Bayou Blvd New Port Richey, FL 34652	CONTRACT DATE:		
			U.S. WATER ACCOUNT NO.:	709-102	

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM.....	\$	539,322.24
2. NET CHANGE BY CHANGE ORDERS.....	\$	-
3. CONTRACT SUM TO DATE (Line 1 ± 2)	\$	539,322.24
4. TOTAL COMPLETED & STORED TO DATE (Column J on G703)	\$	194,968.71
5. RETAINAGE:		
a. 10% % of Completed Work	\$	19,496.87
(Columns G + H on G703)		
b. 10% % of Stored Material	\$	-
(Columns I on G703)		
Total Retainage (Lines 5a + 5b, or Total in Column K of G703) ...	\$	19,496.87
6. TOTAL EARNED LESS RETAINAGE.....	\$	175,471.84
(Line 4 minus Line 5 Total)		
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT.....	\$	115,209.76
(Line 6 from prior Certificate)		
8. CURRENT PAYMENT DUE.....	\$	60,262.08
9. BALANCE TO FINISH, INCLUDING RETAINAGE.....	\$	363,850.40
(Line 3 minus Line 6)		

	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total changes approved this month		
TOTAL		
NET CHANGES by Change Order	\$	-

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By:

Edward Mitchell, Vice President

Date: July 23, 2019

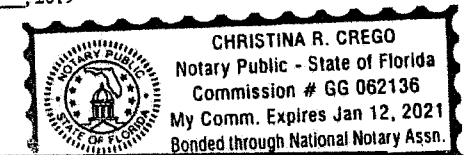
State of: FLORIDA County of: PASCO

Subscribed and sworn to before me this 23rd day of July, 2019

Notary Public:

My Commission expires:

January 12, 2021



ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED.....\$

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:

By:

Date:

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

AIA DOCUMENT G703

PAGE 2 OF 2 PAGES

AIA Document G702™, 1992, Application and Certificate for Payment,
Application and Certificate for Payment, Construction Manager as Advisor Edition,
Containing Contractor's signed certification is attached.
In tabulations below, amounts are in US dollars.

APPLICATION NO: 2
APPLICATION DATE: 07/23/19
PERIOD TO: 07/22/19
USW ACCT NO.: 709-102

Use Column K on Contracts where variable retainage for line items may apply.

A	B	C	D	E	F		G		H	I	J	K	
ITEM NO.	DESCRIPTION OF WORK	QT Y	U/M	UNIT PRICE	SCHEDULE D VALUE	WORK COMPLETED				MATERIALS PRESENTLY STORED (Not in G or H)	TOTAL COMPLETED AND STORED TO DATE (G+H+I)	% (J/F)	RETAINAGE VALUE OF ITEMS COMPLETED TO DATE
						%	FROM PREVIOUS APPLICATION (G +H)	%	THIS PERIOD				
1	MOBILIZATION/ DEMOBILIZATION	1	LS	\$52,932.00	\$52,932.00	30%	\$15,879.60	20%	\$10,586.40		\$26,466.00	50%	\$2,646.60
2	DEMOLITION	1	LS	\$18,851.04	\$18,851.04		\$0.00		\$0.00		\$0.00	0%	\$0.00
3	DEGASIFICATION SYSTE,	1	LS	\$124,390.23	\$124,390.23	30%	\$37,317.07	20%	\$24,878.05		\$62,195.12	50%	\$6,219.51
4	SULFURIC ACID & SODIUM HYDROXIDE FE	1	LS	\$70,915.51	\$70,915.51	50%	\$35,457.76		\$0.00		\$35,457.76	50%	\$3,545.78
5	GENERATOR & AUTO TRANSFER SWITCH	1	LS	\$67,629.78	\$67,629.78		\$0.00		\$0.00		\$0.00	0%	\$0.00
6	HYDRO-PNEUMATIC TANK	1	LS	\$72,863.22	\$72,863.22	25%	\$18,215.81	25%	\$18,215.81		\$36,431.61	50%	\$3,643.16
7	HIGH SERVICE PUMPS & CONTROLS	1	LS	\$31,065.46	\$31,065.46	25%	\$7,766.37	25%	\$7,766.37		\$15,532.73	50%	\$1,553.27
8	WELL PIPING	1	LS	\$22,045.00	\$22,045.00	25%	\$5,511.25	25%	\$5,511.25		\$11,022.50	50%	\$1,102.25
9	ELECTRICAL & CONTROLS	1	LS	\$78,630.00	\$78,630.00	10%	\$7,863.00		\$0.00		\$7,863.00	10%	\$786.30
CONTRACT SUB-TOTAL					\$539,322.24		\$128,010.84		\$66,957.87	\$0.00	\$194,968.71	36%	\$19,496.87
CHANGE ORDERS													
10					\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
CHANGE ORDERS, TOTAL					\$0.00		\$0.00		\$0.00	\$0.00	\$0.00		\$0.00
GRAND TOTAL					\$539,322.24		\$128,010.84		\$66,957.87	\$0.00	\$194,968.71	36%	\$19,496.87




4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

Invoice #	895234
Date	7/23/2019
Due Date	8/22/2019
Account #	704
P.O. or W.A. #	709-102R

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project					
709-102 Leisure Lakes WTP Mods (R4B)					
Date	Description	Qty or Hrs	Unit	Rate	Amount
	Leisure Lake WTP Modifications				
	Pay Application No 1 - Through 7/22/2019	0	LS	66,957.87	0.00
	Retainage withheld @ 10%	1	LS	6,695.79	6,695.79
	Engineering, Consulting, Technical Services: Water/Wastewater Utility Systems	0	LS	5,177.49	0.00
 Entered:  COA Code: <u>320</u> Approved: <u>E 7-23-19</u> Paid: <u>ck*1426</u> Date: <u>7/26/19</u>					
				Total	\$6,695.79
Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: uswater-ar@uswatercorp.net				Payments/Credits	\$0.00
				Balance Due	\$6,695.79




4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Invoice #	897096
Date	9/3/2019
Due Date	10/3/2019
Account #	704
P.O. or W.A. #	709-102

Bill To
HC Waterworks, Inc. Attn: Joe Gabay 4939 Cross Bayou Boulevard New Port Richey, FL 34652

All service pricing anticipates payment by check or ACH. Due to additional cost incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project					
709-102 Leisure Lakes WTP Mods (R4B)					
Date	Description	Qty or Hrs	Unit	Rate	Amount
	Leisure Lake WTP Modifications				
	Pay Application No 3 (7/23/2019-8/31/2019)	1	LS	95,193.39	95,193.39
	Retainage withheld at 10%	1	LS	-9,519.34	-9,519.34
	Engineering, Consulting, Technical Services: Water/Wastewater Utility Systems	1	LS	7,766.24	7,766.24
<div>Entered: </div> <div>COA Code: <u>105</u></div> <div>Approved: <u>C 9-6-19</u></div> <div>Paid: <u>ck # 2004</u></div> <div>Date: <u>9/27/19</u></div>					
			Total \$93,440.29		
<div>Questions about your bill? Phone: 727-848-8292 EXT 219 Toll free: 866-753-8292 EXT 219 Email: uswater-ar@uswatercorp.net</div>			Payments/Credits \$0.00		
			Balance Due \$93,440.29		

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702

PAGE 1 OF 2 PAGES

TO OWNER:

H.C. Waterworks, Inc.
Attn: Joe Gabay
4939 Cross Bayou Blvd
New Port Richey, FL 34652

PROJECT: Leisure Lakes WTP Modifications

APPLICATION NO: 3

PERIOD TO: 08/31/19

CONTRACT FOR: WTP Modifications

CONTRACT DATE:

U.S. WATER ACCOUNT NO.: 709-102

Distribution to:

OWNER ☒ENGINEER ☒CONTRACTOR ☒FIELD ☐OTHER ☐

FROM CONTRACTOR:

U.S. Water Services Corporation
4939 Cross Bayou Blvd
New Port Richey, FL 34652

VIA ENGINEER:

U.S. Water Services Corporation
4939 Cross Bayou Blvd
New Port Richey, FL 34652

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract.
Continuation Sheet, AIA Document-G703, is attached.

1. ORIGINAL CONTRACT SUM..... \$ 539,322.24
2. NET CHANGE BY CHANGE ORDERS..... \$ -
3. CONTRACT SUM TO DATE (Line 1 + 2)..... \$ 539,322.24
4. TOTAL COMPLETED & STORED TO DATE (Column J on G703) \$ 290,162.10
5. RETAINAGE:
 - a. 10% % of Completed Work \$ 29,016.21
(Columns G + H on G703)
 - b. 10% % of Stored Material \$ -
(Columns I on G703)
 - Total Retainage (Lines 5a + 5b, or Total in Column K of G703) ... \$ 29,016.21
6. TOTAL EARNED LESS RETAINAGE..... \$ 261,145.89
(Line 4 minus Line 5 Total)
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT..... \$ 175,471.84
(Line 6 from prior Certificate)
8. CURRENT PAYMENT DUE..... **\$ 85,674.05**
9. BALANCE TO FINISH, INCLUDING RETAINAGE..... \$ 278,176.35
(Line 3 minus Line 6)

	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total changes approved this month		
TOTAL		
NET CHANGES by Change Order	\$	-

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By:

Date: September 3, 2019

Edward Mitchell, Vice President

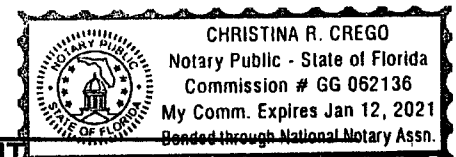
State of: FLORIDA County of: PASCO

Subscribed and sworn to before me this 3rd day of September, 2019

Notary Public:

My Commission expires:

January 12, 2021



ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED.....\$

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:

By:

Date:

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

AIA DOCUMENT G703

PAGE 2 OF 2 PAGES

AIA Document G702™-1992, Application and Certificate for Payment,
Application and Certificate for Payment, Construction Manager as Advisor Edition,
Containing Contractor's signed certification is attached.

In tabulations below, amounts are in US dollars.

Use Column K on Contracts where variable retainage for line items may apply.

APPLICATION NO: 3
APPLICATION DATE: 09/03/19
PERIOD TO: 08/31/19
USW ACCT NO.: 709-102

A	B	C	D	E	F		G		H	I	J		K
ITEM NO.	DESCRIPTION OF WORK	QT Y	U/M	UNIT PRICE	SCHEDULE D VALUE		WORK COMPLETED		MATERIALS PRESENTLY STORED (Not in G or H)	TOTAL COMPLETED AND STORED TO DATE (G+H+I)	% (J/F)	RETAINAGE VALUE OF ITEMS COMPLETED TO DATE	
							%	FROM PREVIOUS APPLICATION (G + H)					%
1	MOBILIZATION/ DEMOBILIZATION	1	LS	\$52,932.00	\$52,932.00	50%	\$26,466.00		\$0.00		\$26,466.00	50%	\$2,646.60
2	DEMOLITION	1	LS	\$18,851.04	\$18,851.04		\$0.00	75%	\$14,138.28		\$14,138.28	75%	\$1,413.83
3	DEGASIFICATION SYSTE,	1	LS	\$124,390.23	\$124,390.23	50%	\$62,195.12	20%	\$24,878.05		\$87,073.16	70%	\$8,707.32
4	SULFURIC ACID & SODIUM HYDROXIDE FE	1	LS	\$70,915.51	\$70,915.51	50%	\$35,457.76	20%	\$14,183.10		\$49,640.86	70%	\$4,964.09
5	GENERATOR & AUTO TRANSFER SWITCH	1	LS	\$67,629.78	\$67,629.78		\$0.00		\$0.00		\$0.00	0%	\$0.00
6	HYDRO-PNEUMATIC TANK	1	LS	\$72,863.22	\$72,863.22	50%	\$36,431.61	30%	\$21,858.97		\$58,290.58	80%	\$5,829.06
7	HIGH SERVICE PUMPS & CONTROLS	1	LS	\$31,065.46	\$31,065.46	50%	\$15,532.73		\$0.00		\$15,532.73	50%	\$1,553.27
8	WELL PIPING	1	LS	\$22,045.00	\$22,045.00	50%	\$11,022.50	20%	\$4,409.00		\$15,431.50	70%	\$1,543.15
9	ELECTRICAL & CONTROLS	1	LS	\$78,630.00	\$78,630.00	10%	\$7,863.00	20%	\$15,726.00		\$23,589.00	30%	\$2,358.90
CONTRACT SUB-TOTAL					\$539,322.24		\$194,968.41		\$95,193.19	\$0.00	\$290,162.10	54%	\$29,016.21
CHANGE ORDERS													
10					\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
CHANGE ORDERS TOTAL					\$0.00		\$0.00		\$0.00	\$0.00	\$0.00		\$0.00

