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STATE OF FLORIDA



DIVISION OF ENGINEERING  
TOM BALLINGER  
DIRECTOR  
(850) 413-6910

# Public Service Commission

March 7, 2025

Mr. Troy Rendell  
LP Waterworks, Inc.  
4939 Cross Bayou Blvd.  
New Port Richey, FL 34652-3434  
[trendell@uswatercorp.net](mailto:trendell@uswatercorp.net)

**STAFF'S SECOND DATA REQUEST  
VIA EMAIL**

**Re: Docket No. 20250013-WS - Application for staff-assisted rate case in Highlands County, by LP Waterworks, Inc.**

Dear Mr. Rendell:

Staff reviewed LP Waterworks, Inc.'s (LP or Utility) February 12, 2025 response to staff's First Data Request (FDR). Some items were incomplete and will need to be completed by the Utility. Upon review, staff found that it will need additional data to process LP's request for a rate increase. Please submit the following information to the Commission Clerk by **Tuesday, March 25, 2025**. Attached, you will find worksheets for certain items from the FDR, as appropriate, that clarify what information is needed. The requested numbers in the FDR will be designated herein as FDR-1 for the first request item, FDR-2 for the second request item, and so on.

1. For item FDR-2, Purchased Power, the request covered the time period from the beginning of the test year to the present. However, bills for three of the meters did not include more than the first three days of the month of October 2024. Also, none of the bills for the meters went beyond October, 2024. In addition, the bill for meter # 177361 for June 2024 was missing. Please provide the missing bills as indicated by the shaded portions of the attached worksheet for Purchased Power – Usage.

2. Also for FDR-2, please indicate what component of LP's water or wastewater system each meter serves. If the meter is located sufficiently remotely from the system component it serves, such that the two locations have a different address, please indicate the address of the system component in the Notes section of the attached worksheet, Purchased Power – Meters, for the respective meter address listed on the Duke Energy bill.

3. Please see the attached worksheet for FDR-3, Chemicals. Please give a full description of the item in red font, "Chlorine-EPA Reg. No. 7870-2," and explain why it is needed and why the cost on the invoice for that item is so much more than the costs for the items on the other invoices.

Mr. Troy Rendell

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4. For FDR-8, Primary/Secondary Water Quality Tests, please provide the latest test results for each well for Synthetic Contaminants, and for each test point in the distribution system, as appropriate, for the Disinfection Byproducts results.

5. For FDR-9, DEP Monthly Operating Reports (MOR) for Water, please submit the MORs for November 2023, April 2024, and July 2024.

6. In addition to the MORs for the water system, please submit the DEP Discharge Monitoring Reports for the test year, November 2023 through October 2024.

7. For FDR-10, Monthly Metered Water Sold to Customers, LP provided the information requested. However, to allow staff to calculate the wastewater system's inflow and infiltration, please submit the monthly gallons of water sold to customers who have both water and wastewater service only (i.e. omitting water-only customers), separated by customer class.

8. For FDR-14, Water and Wastewater Assets, the Utility's response was, "See 2023 Annual Report filed with the Florida Public Service Commission." However, not all of the information in the 2023 annual report matched the information provided in LP's SARC application. Staff compared the information provided in the application, the 2023 annual report, DEP's last sanitary survey and the Utility's current DEP wastewater permit, as well as the Commission's audit work papers from Docket No. 20160222-WS, which included the system descriptions in U.S. Water's contract with LP. Attached are spreadsheets summarizing staff's findings in this comparison for water and for wastewater, along with copies of the source material with the mismatched items highlighted. They are also highlighted on the summary spreadsheets. Please investigate and provide staff with the correct system information.

9. For FDR-15, Number of Customers by Meter Size and Class for Three Points in Time (present, test year, each of four years prior to the test year) for Water and Wastewater, the Utility's response was, "See Annual Reports filed with the Florida Public Service Commission." However, the annual reports on file with the Commission do not provide the responsive information for 2024 and for the present. Please submit the attached worksheet for FDR-15 with the required information inserted.

10. For FDR-16, System Maps for Water and Wastewater, the Utility's response was, "This was previously provided in Docket No. 20220099-WS, see Document No. 04205-2022." However, Docket No. 20220099-WS only involved the water system, so the only system maps provided were for the water system. However, the system maps did not include the wells or water treatment plants and the water mains thereto, the service to customers, storage, or fire hydrants. As for the wastewater system maps, the maps should include the wastewater treatment plant (WWTP) and percolation ponds, collection system mains, indicating both type and size, from the WWTP to the service area and to each service connection, lift station(s), and manholes. Based on LP's responses to the FDR, it appears that the Utility may not be in possession of adequate system maps. However, Rule 25-30.125, Florida Administrative Code, requires each utility to maintain suitable maps of its system and facilities. As a utility owner, LP should produce these maps if it does not have them, and update them as needed when changes are made to its systems. Please provide the required water and wastewater system maps.

Mr. Troy Rendell

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Please file all responses electronically via the Commission's website at [www.floridapsc.com](http://www.floridapsc.com), by selecting the Clerk's Office tab and Electronic Filing Web Form (reference Docket No. 20250013-WS) and also please email the filed response to [discovery-gcl@psc.state.fl.us](mailto:discovery-gcl@psc.state.fl.us). Please contact me by phone at (850) 413-6952 or by email [mwatts@psc.state.fl.us](mailto:mwatts@psc.state.fl.us) if you have any questions.

Sincerely,

*s/ Melinda Watts*

Melinda Watts  
Engineering Specialist  
Bureau of Reliability and Resource Planning  
Division of Engineering

MW:da

Enclosures

cc: Office of Commission Clerk (Docket No. 20250013-WS)  
Carl Vinson, Office of Auditing and Performance Analysis

LP WATERWORKS					
FDR-2 - PURCHASED POWER					
Usage, kwh					
	Meters				
Month	2773389	175400	177387	3975234	177361
Oct-23	1,184	59	3,257		
Nov-23	1,094	87	3,461	0	193
Dec-23	843	874	4,409	0	228
Jan-24	635	1,883	3,797	0	324
Feb-24	635	1,818	3,686	32	364
Mar-24	1,003	1,043	3,815	61	339
Apr-24	928	777	3,858	1	235
May-24	939	469	4,445	5	121
Jun-24	712	213	3,898	1	
Jul-24	874	774	4,887	4	132
Aug-24	832	731	4,332	7	118
Sep-24	207	2,133	4,000	1	135
Oct-24				1	141
Nov-24					
Dec-24					
Jan-25					



LP Waterworks					
FDR-3 - Chemicals					
Date	Invoice #	Item	Vendor	Quantity	Price
10/15/2024	6889660	150 LB Chlorine Cylinder	Hawkins, Inc.	3	\$30.00
9/15/2024	6863736	150 LB Chlorine Cylinder	Hawkins, Inc.	3	\$30.00
8/15/2024	6837996	150 LB Chlorine Cylinder	Hawkins, Inc.	1	\$10.00
7/10/2024	6804559	Chlorine-EPA Reg. No. 7870-2	Hawkins, Inc.	2	\$561.35
7/15/2024	6808780	150 LB Chlorine Cylinder	Hawkins, Inc.	1	\$10.00
6/15/2024	6784875	150 LB Chlorine Cylinder	Hawkins, Inc.	1	\$10.00
5/15/2024	6758430	150 LB Chlorine Cylinder	Hawkins, Inc.	1	\$10.00
4/15/2024	6732937	150 LB Chlorine Cylinder	Hawkins, Inc.	1	\$10.00
3/14/2024	6710012	150 LB Chlorine Cylinder	Hawkins, Inc.	1	\$10.00
1/15/2024	6666312	150 LB Chlorine Cylinder	Hawkins, Inc.	1	\$10.00
2/15/2024	6690433	150 LB Chlorine Cylinder	Hawkins, Inc.	1	\$10.00
12/15/2023	6647505	150 LB Chlorine Cylinder	Hawkins, Inc.	1	\$10.00
11/15/2023	6626195	150 LB Chlorine Cylinder	Hawkins, Inc.	1	\$10.00

LP Waterworks				
FDR-14 - Assets				
Water	Application	Annual Report	2016 Audit	DEP
WTP-1				
Year drilled	No info	1989	No info	1990
Capacity gpd	175,200 (combined?)	175,200	150,100 (combined?)	100,000 gpd
Diameter	10"	10"	10"	4"
Depth	1,780	1,780	1,780	1,700
Motor HP	50	50	No info	50
Pump capacity gpm	500	No info	127	300
WTP-2				
Year drilled	No info	Unknown	No info	1990
Capacity gpd	WTP capacities combined?	175,200	WTP capacities combined?	100,000 gpd
Diameter	6"	6"	6"	4"
Depth	Unknown	Unknown	646	830
Motor HP	20	25	No info	25
Pump capacity gpm	350	No info	1027 (typo?)	280
Storage				
Tank1				
Type	Steel/ground	Steel/ground	Hydropneumatic	Steel
Capacity	11,000	15,000	10,000	11,000
Tank2				
Type	Steel/ground	Steel/ground	Hydropneumatic	Steel
Capacity	14,000	15,000	10,000	14,000
Mains (LF)				
8"	2,790	2,790	2,790	No info
6"	9,440	9,440	9,440	No info
4"	1,660	1,660	1,660	No info
3"	2,818	2,818	2,818	No info
2"	920	920	920	No info
1"	9,258	9,258	9,258	No info
Fire Hydrants				
	3	No info	2	No info

LP Waterworks

FDR-14 - Assets

Wastewater	Application	Annual Report	2016 Audit	DEP
Treatment capacity	50,000 gpd	50,000 gpd	50,000 gpd	50,000 gpd
Type/make	MARLOF	MARLOF	No info	No info
Lift Stations	1	1	1	No info
Measurement method	Elapsed time			
Disposal	No info	Ponds-no capacity given	2 0.134 acre RIBs	2 RIBs 50,000 gpd comb. capacity
Gravity Mains (LF)				
8"	9313	9313	11827	No info
6"				
4"				
Force Mains (LF)				
4"	918	918	1,320	No info
Manholes	47	47	44	No info
Service connections	No info		No info	No info
Size		3"		
Average length		20'		



# **ASSET SOURCE INFORMATION**

## **APPLICATION**

H. Outstanding Debt:

	Creditor	Date Borrowed	Balance Due	Interest Rate	Expiration Date
1.	0	0	0	0	
2.					
3.					
4.					

I. Indicate Type of Tax Return Filed:

- Form 1120 -Corporation
- Form 1120S -Subchapter S Corporation
- Form 1065 - Partnership
- Form 1040 - Schedule C - Individual (Proprietorship)

III

ENGINEERING DATA

A. Outside Engineering Consultant:

- 1. Name: **N/A**
- 2. Firm:
- 3. Address:
- 4. Telephone: ( )

B. Individual to contact on engineering matters:

- 1. Name: **Troy Rendell, Vice President, Investor Owned Utilities**
- 2. Telephone: **(727) 848- 8292 ext. 245**

C. Is the utility under citation by the Department of Environmental Protection (DEP) or County Health Department?

**No.**

If yes, explain: **N/A.**

D. List any known service deficiencies and steps taken to remedy problems: **N/A**

E. Name of plant operator(s) and DEP operator certificate number(s) held:

**Sharon Purviance - U.S. Water Services Corporation**

F. Is the utility serving customers outside of its certificated area? **No**

If yes, explain: **N/A**

G. Wastewater:

- 1. Gallons per day capacity of treatment facilities:
  - a. Existing: 50,000 gpd
  - b. Under Construction: **N/A**
  - c. Proposed:
- 2. Type and make of present treatment facilities: **MARLOF**

3. Approximate average daily flow of treatment plant effluent: **10,205 gpd**

4. Approximate length of **wastewater mains:**

Size (diameter):	<b>4"/6"/8"</b>	<b>4" Force</b>			
Linear feet:	<b>9,313</b>	<b>918</b>			

5. **Number of manholes: 47**

6. Number of lift stations: **1**

7. How do you measure treatment plant effluent? **Elapsed Time Meter**

8. Is the treatment plant effluent chlorinated?  Yes  No

If yes, what is the normal dosage rate? **Varies with flow**

9. Tap in fees – Wastewater: \$ **400**

10. Service availability fees – Wastewater: \$ **390**

11. Note DEP Treatment Plant Certificate Number and date of expiration: **FLA014340**

Number Expiration Date: **5/12/2025**

12. Total gallons treated during most recent twelve months: **3,725,000**

13. Wastewater treatment purchased during most recent twelve months: **na**

H. Water: PWS ID No. 6280304

1. Gallons per day capacity of treatment facilities:

a. Existing: **175,200**

b. Under Construction : **n/a**

c. Proposed: **n/a**

2. Type of treatment: **Disinfection – gas chlorine**

3. Approximate average daily flow of treated water: **30,000 gpd**

4. Source of water supply: **Ground Water**

5. Types of chemicals used and their normal dosage rates: **Gas Chlorine**

6. Number of wells in service: **2**

Total capacity in gallons per minute (gpm): **gpm**

Diameter/Depth:	<b>10"</b> / <b>1,780</b>	<b>6"</b> / <b>Unknown</b>	
Motor horsepower:	<b>50</b>	<b>20</b>	
Pump capacity (gpm):	<b>500</b>	<b>350</b>	

7. Reservoirs and/or hydropneumatic tanks:

Description:	<b>Steel / Ground</b>	<b>Steel / Ground</b>	
Capacity:	<b>11,000</b>	<b>14,000</b>	

8. High service pumping:

Motor horsepower:	N/A			
Pump capacity (gpm):	N/A			

9. How do you measure treatment plant production? Well Meters

10. Approximate feet of water mains:

Size (diameter):	8"	6"	4"	3" / 2" / 1"
Linear feet:	2,790 lf	9,440	1,660	2,818 / 920 / 9,258

11. Note any fire flow requirements and imposing government agency: Highlands County  
500 gpm

12. Number of fire hydrants in service: 3

13. Do you have a meter change out program?  No  Yes

14. Meter installation or tap in fees - Water \$ 189.00

15. Service availability fees - Water \$ 200.00

16. Has the existing treatment facility been approved by DEP?  No  Yes

17. Total gallons pumped during most recent twelve months: 10,980,000

18. Total gallons sold during most recent twelve months: 9,043,000

19. Gallons unaccounted for during most recent twelve months: 810,000

20. Gallons purchased during most recent twelve months: N/A

**IV. RATE DATA**

A. Individual to contact on tariff matters:

1. Name: Troy Rendell
2. Telephone Number: (727) 848- 8292 ext. 245

B. Schedule of present rates: (Attach additional sheets if more space is needed)

1. Water:

- |                      |                                 |
|----------------------|---------------------------------|
|                      | <b>BFC - \$15.65</b>            |
|                      | <b>Gallage Charge –</b>         |
|                      | <b>0 – 3,000 - \$9.24</b>       |
|                      | <b>Over 3,000 - \$13.86</b>     |
| a. Residential Water | <b>BFC - \$15.65</b>            |
| b. General Service   | <b>Gallage Charge - \$10.06</b> |
| c. Special Contract  | _____                           |
| d. Other - Specify   | _____                           |

2. Wastewater:

- |                           |  |
|---------------------------|--|
|                           | <b>BFC - \$19.34</b>                   |
|                           | <b>Gallage - \$9.99</b>                |
| a. Residential Wastewater | <b>BFC - \$19.34 Gallage - \$12.00</b> |
| b. General Service        | _____                                  |
| c. Special Contract       | _____                                  |
| d. Other - Specify        | _____                                  |

C. Number of Customers: (Most recent two years) \_\_\_\_\_

# **ASSET SOURCE INFORMATION**

**2023 ANNUAL REPORT**

UTILITY NAME: LP WATERWORKS, INC.

<p>YEAR OF REPORT DECEMBER 31, 2023</p>
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**WATER OPERATION AND MAINTENANCE EXPENSE**

Acct. No.	Account Name	Amount
601	Salaries and Wages - Employees	\$
603	Salaries and Wages - Officers, Directors, and Majority Stockholders	6,300
604	Employee Pensions and Benefits	
610	Purchased Water	
615	Purchased Power	2,984
616	Fuel for Power Production	
618	Chemicals	665
620	Materials and Supplies	
630	Contractual Services:	
632	Accounting	250
633	Legal	150
635	Testing	
636	Professional	121,780
640	Rents	
650	Transportation Expense	
655	Insurance Expense	952
666	Regulatory Commission Expenses (Amortized Rate Case Expense)	1,000
670	Bad Debt Expense	(1,959)
675	Miscellaneous Expenses	1,944
	<b>Total Water Operation And Maintenance Expense</b>	<b>\$ 134,066 *</b>

\* This amount should tie to Sheet F-3.

**WATER CUSTOMERS**

Description (a)	Type of Meter ** (b)	Equivalent Factor (c)	Number of Active Customers		Total Number of Meter Equivalents (c x e) (f)	
			Start of Year (d)	End of Year (e)		
<b>Residential Service</b>						
5/8"	D	1.0	440	424	424	
3/4"	D	1.5	0	2	3	
1"	D	2.5			0	
1 1/2"	D,T	5.0	0	1	5	
<b>General Service</b>						
5/8"	D	1.0	10	14	14	
3/4"	D	1.5	0	0	0	
1"	D	2.5	4	3	7.5	
1 1/2"	D,T	5.0	2	2	10	
2"	D,C,T	8.0	3	3	24	
3"	D	15.0				
3"	C	16.0				
3"	T	17.5				
Unmetered Customers Other (Specify)	Fireflow 6"	4.17	1	1	4.17	
<b>** D = Displacement C = Compound T = Turbine</b>			<b>Total</b>	<b>460</b>	<b>450</b>	<b>491.67</b>

UTILITY NAME: LP WATERWORKS, INC.

YEAR OF REPORT DECEMBER 31, 2023
-------------------------------------

SYSTEM NAME: \_\_\_\_\_

**PUMPING AND PURCHASED WATER STATISTICS**

(a)	(b) Water Purchased For Resale (Omit 000's)	(c) Finished Water From Wells (Omit 000's)	(d) Recorded Accounted For Loss Through Line Flushing Etc. (Omit 000's)	(e) Total Water Pumped And Purchased (Omit 000's) [ (b)+(c)-(d) ]	(f) Water Sold To Customers (Omit 000's)
January _____	_____	1,137	226	911	889
February _____	_____	1,108	21	1,088	916
March _____	_____	1,244	28	1,217	1,136
April _____	_____	886	221	666	1,020
May _____	_____	748	37	711	688
June _____	_____	654	6	647	622
July _____	_____	956	242	714	422
August _____	_____	727	7	720	962
September _____	_____	766	16	751	344
October _____	_____	1,006	237	768	642
November _____	_____	808	24	784	648
December _____	_____	939	62	877	754
Total for Year _____	-	10,980	1,127	9,853	9,043

If water is purchased for resale, indicate the following:

Vendor \_\_\_\_\_  
Point of delivery \_\_\_\_\_

If water is sold to other water utilities for redistribution, list names of such utilities below:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**MAINS (FEET)**

Kind of Pipe (PVC, Cast Iron, Coated Steel, etc.)	Diameter of Pipe	First of Year	Added	Removed or Abandoned	End of Year
PVC	8"	2,790	_____	_____	2,790
PVC	6"	9,440	_____	_____	9,440
PVC	4"	1,660	_____	_____	1,660
PVC	3"	2,818	_____	_____	2,818
PVC	2"	920	_____	_____	920
PVC	1"	9,258	_____	_____	9,528
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

UTILITY NAME: LP WATERWORKS, INC.

YEAR OF REPORT DECEMBER 31, 2023
-------------------------------------

SYSTEM NAME: \_\_\_\_\_

**WELLS AND WELL PUMPS**

(a)	(b)	(c)	(d)	(e)
Year Constructed _____	1989	Unknown	_____	_____
Types of Well Construction and Casing _____	10"/8"	6"/4"	_____	_____
_____	_____	_____	_____	_____
Depth of Wells _____	1780	Unknown	_____	_____
Diameters of Wells _____	10"	6"	_____	_____
Pump - GPM _____	_____	_____	_____	_____
Motor - HP _____	50	25	_____	_____
Motor Type * _____	_____	_____	_____	_____
Yields of Wells in GPD _____	_____	_____	_____	_____
Auxiliary Power _____	N/A	N/A	_____	_____
* Submersible, centrifugal, etc.				

**RESERVOIRS**

(a)	(b)	(c)	(d)	(e)
Description (steel, concrete)	Steel	Steel	_____	_____
Capacity of Tank _____	15,000	15,000	_____	_____
Ground or Elevated _____	Ground	Ground	_____	_____

**HIGH SERVICE PUMPING**      N/A

(a)	(b)	(c)	(d)	(e)
<b>Motors</b>				
Manufacturer _____	_____	_____	_____	_____
Type _____	_____	_____	_____	_____
Rated Horsepower _____	_____	_____	_____	_____
<b>Pumps</b>				
Manufacturer _____	_____	_____	_____	_____
Type _____	_____	_____	_____	_____
Capacity in GPM _____	_____	_____	_____	_____
Average Number of Hours Operated Per Day _____	_____	_____	_____	_____
Auxiliary Power _____	_____	_____	_____	_____



UTILITY NAME: LP WATERWORKS, INC.

YEAR OF REPORT DECEMBER 31, 2023
-------------------------------------

**SOURCE OF SUPPLY**

List for each source of supply ( Ground, Surface, Purchased Water etc. )			
Permitted Gals. per day_____	<u>175,200</u>	<u>175,200</u>	_____
Type of Source_____	<u>Ground</u>	<u>Ground</u>	_____

**WATER TREATMENT FACILITIES**

List for each Water Treatment Facility:			
Type_____	_____	_____	_____
Make_____	_____	_____	_____
Permitted Capacity (GPD)_____	<u>175,200</u>	<u>175,200</u>	_____
High service pumping	_____	_____	_____
Gallons per minute_____	_____	_____	_____
Reverse Osmosis_____	_____	_____	_____
Lime Treatment	_____	_____	_____
Unit Rating_____	_____	_____	_____
Filtration	_____	_____	_____
Pressure Sq. Ft._____	_____	_____	_____
Gravity GPD/Sq.Ft._____	_____	_____	_____
Disinfection	_____	_____	_____
Chlorinator__ (Gas)	<u>Superior</u>	<u>Superior</u>	_____
Ozone_____	_____	_____	_____
Other_____	_____	_____	_____
Auxiliary Power_____	<u>N/A</u>	_____	_____

UTILITY NAME: LP WATERWORKS, INC.

<b>YEAR OF REPORT</b> <b>DECEMBER 31, 2023</b>
---

**WASTEWATER OPERATION AND MAINTENANCE EXPENSE**

Acct. No.	Account Name	Amount
701	Salaries and Wages - Employees_____	\$ _____
703	Salaries and Wages - Officers, Directors, and Majority Stockholders_____	6,300
704	Employee Pensions and Benefits_____	_____
710	Purchased Wastewater Treatment_____	_____
711	Sludge Removal Expense_____	_____
715	Purchased Power_____	8,570
716	Fuel for Power Production_____	_____
718	Chemicals_____	2,450
720	Materials and Supplies_____	_____
730	Contractual Services:	_____
732	Accounting_____	250
733	Legal_____	150
736	Professional_____	94,549
	Other_____	_____
740	Rents_____	_____
750	Transportation Expense_____	_____
755	Insurance Expense_____	952
765	Regulatory Commission Expenses (Amortized Rate Case Expense)_____	_____
770	Bad Debt Expense_____	121
775	Miscellaneous Expenses_____	75
	Total Wastewater Operation And Maintenance Expense_____	\$ <u>113,416</u> *

\* This amount should tie to Sheet F-3.

**WASTEWATER CUSTOMERS**

Description (a)	Type of Meter ** (b)	Equivalent Factor (c)	Number of Active Customers Start of Year (d)	End of Year (e)	Total Number of ter Equivalents (c x e) (f)
<b>Residential Service</b>					
All meter sizes	D	1.0	384	377	377
<b>General Service</b>					
5/8"	D	1.0	30	10	10
3/4"	D	1.5	_____	_____	0
1"	D	2.5	1	1	2.5
1 1/2"	D,T	5.0	2	2	10
2"	D,C,T	8.0	_____	_____	0
3"	D	15.0	_____	_____	0
3"	C	16.0	_____	_____	0
3"	T	17.5	_____	_____	0
Unmetered Customers	_____	_____	_____	_____	_____
Other (Specify)	_____	_____	_____	_____	_____
Total			417	390	399.5

\*\* D = Displacement  
C = Compound  
T = Turbine

UTILITY NAME: \_\_\_\_\_ LP WATERWORKS, INC.

YEAR OF REPORT DECEMBER 31, 2023
-------------------------------------

PUMPING EQUIPMENT

Lift Station Number _____	1	_____	_____	_____	_____	_____
Make or Type and nameplate data on pump _____	HYDROMATIC	_____	_____	_____	_____	_____
Year installed _____	2014	_____	_____	_____	_____	_____
Rated capacity _____	80GPM	_____	_____	_____	_____	_____
Size _____	10 HP	_____	_____	_____	_____	_____
Power:						
Electric _____	230/30	_____	_____	_____	_____	_____
Mechanical _____	_____	_____	_____	_____	_____	_____
Nameplate data of motor _____	_____	_____	_____	_____	_____	_____

SERVICE CONNECTIONS

Size (inches) _____	3"	_____	_____	_____	_____	_____
Type (PVC, VCP, etc.) _____	PVC	_____	_____	_____	_____	_____
Average length _____	20'	_____	_____	_____	_____	_____
Number of active service connections _____	392	_____	_____	_____	_____	_____
Beginning of year _____	392	_____	_____	_____	_____	_____
Added during year _____	0	_____	_____	_____	_____	_____
Retired during year _____	0	_____	_____	_____	_____	_____
End of year _____	392	_____	_____	_____	_____	_____
Give full particulars concerning inactive connections _____	_____	_____	_____	_____	_____	_____

COLLECTING AND FORCE MAINS

	Collecting Mains				Force Mains			
Size (inches) _____	4"/6"/8"	_____	_____	_____	4"	_____	_____	_____
Type of main _____	PVC	_____	_____	_____	PVC	_____	_____	_____
Length of main (nearest foot) _____	9313	_____	_____	_____	918	_____	_____	_____
Beginning of year _____	9313	_____	_____	_____	918	_____	_____	_____
Added during year _____	0	_____	_____	_____	0	_____	_____	_____
Retired during year _____	0	_____	_____	_____	0	_____	_____	_____
End of year _____	9313	_____	_____	_____	918	_____	_____	_____

MANHOLES

Size (inches) _____	36	_____	_____	_____
Type of Manhole _____	CONCRETE	_____	_____	_____
Number of Manholes:				
Beginning of year _____	47	_____	_____	_____
Added during year _____	0	_____	_____	_____
Retired during year _____	0	_____	_____	_____
End of Year _____	47	_____	_____	_____

UTILITY NAME: LP WATERWORKS, INC.

YEAR OF REPORT  
DECEMBER 31, 2023

SYSTEM NAME: \_\_\_\_\_

**TREATMENT PLANT**

Manufacturer_____	<u>MARLOF</u>	_____	_____
Type_____	<u>AERATION</u>	_____	_____
"Steel" or "Concrete"_____	<u>CONCRETE</u>	_____	_____
Total Permitted Capacity_____	<u>50,000 GAL</u>	_____	_____
Average Daily Flow_____	<u>10,205</u>	_____	_____
Method of Effluent Disposal_____	<u>PONDS</u>	_____	_____
Permitted Capacity of Disposal_____	_____	_____	_____
Total Gallons of Wastewater treated_____	<u>3,725,000</u>	_____	_____

**MASTER LIFT STATION PUMPS**

Manufacturer_____	<u>HYDROMATIC</u>	_____	_____	_____	_____	_____
Capacity (GPM's)_____	<u>80</u>	_____	_____	_____	_____	_____
Motor:						
Manufacturer_____	<u>HYDROMATIC</u>	_____	_____	_____	_____	_____
Horsepower_____	<u>10 HP</u>	_____	_____	_____	_____	_____
Power (Electric or Mechanical)_____	<u>ELECTRIC</u>	_____	_____	_____	_____	_____

**PUMPING WASTEWATER STATISTICS**

Months	Gallons of Treated Wastewater	Effluent Reuse Gallons to Customers	Effluent Gallons Disposed of on site
January_____	<u>631,000</u>	_____	<u>631,000</u>
February_____	<u>508,000</u>	_____	<u>508,000</u>
March_____	<u>479,000</u>	_____	<u>479,000</u>
April_____	<u>283,000</u>	_____	<u>283,000</u>
May_____	<u>158,000</u>	_____	<u>158,000</u>
June_____	<u>165,000</u>	_____	<u>165,000</u>
July_____	<u>165,000</u>	_____	<u>165,000</u>
August_____	<u>164,000</u>	_____	<u>164,000</u>
September_____	<u>293,000</u>	_____	<u>293,000</u>
October_____	<u>283,000</u>	_____	<u>283,000</u>
November_____	<u>223,000</u>	_____	<u>223,000</u>
December_____	<u>373,000</u>	_____	<u>373,000</u>
Total for year_____	<u>3,725,000</u>	_____	<u>3,725,000</u>

If Wastewater Treatment is purchased, indicate the vendor: \_\_\_\_\_

# **ASSET SOURCE INFORMATION**

**2016 AUDIT**

**WORK PAPER 43**

**U.S. WATER AGREEMENT FOR  
SERVICES**

Title \_\_\_\_\_

JLD  
12/6

## Appendix B – System(s) Descriptions

### SYSTEM CHARACTERISTICS

#### WASTEWATER

B.1. The Wastewater System has the following design characteristics:

1. Number of Wastewater Treatment Plants: **One**
2. Current ERC's: **405**
3. Capacity: **50,000 GPD**
4. Maximum Number of ERC's: **405**
5. Effluent Disposal: **2 RIB's**
6. County Interconnect: Yes \_\_\_\_\_ NO **XX**
7. Other Interconnect: **NONE**
8. **Lift Stations: 1**
9. **Feet of Pipe: 11,827 LF gravity; 1,320 LF force main**
10. **Manholes: 44**

B.2. The Base Fee for services under this contract is based on baseline of 405 ERC's.

B.3. Description of Plant - This is an existing 0.050 mgd annual average (AADF) permitted capacity, dual train extended aeration domestic wastewater treatment plant (Permit # FLA014340) consisting of flow equalization, aeration, secondary clarification, basic chlorination with effluent disposal to 2- 0.134 acre rapid infiltration basins and aerobic digestion of residuals.

PBC

### SYSTEM CHARACTERISTICS

#### WATER

B.4. The Water System has the following design characteristics:

1. Number of Water Treatment Plants: **Two**
2. Current ERC's: **237**
3. Capacity: **150,100 gpd average**
4. Maximum Number of ERC's: **237**
5. County Interconnect: Yes \_\_\_\_\_ NO **XX**
6. Other Interconnect: **NONE**
7. **Watermain:**
  - 8" – 2,790 LF
  - 6" – 9,440 LF
  - 4" – 1,660 LF
  - 3" – 2,818 LF

SOURCE Reg Co

436  
1 2d

Title \_\_\_\_\_

2/11/16

2" - 920 LF  
1" - 9,258

- 8. Meters: 237
- 9. Hydrants: 2
- 10. Valves:

B.5 The initial Base Fee for services under this contract is based on baseline of 237 ERC's.

B.6 Description of Water Plants - The system has two water plants: WTP #1 (PWS ID #) has a 10" dia. Well with a total depth of 1,780 feet, and a casing depth of 726 feet with a 127 gpm capacity. WTP #2 has a 6" dia. Well with a total depth of 646 feet, and a casing depth of 358 feet with a 1027 gpm capacity. Each plant has a 10,000 gallon hydro-pneumatic tank. Disinfection at both systems is by gas chlorination. The WUP No. 20 009490.004

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PBC

1/316  
1  
35

# **ASSET SOURCE INFORMATION**

**DEP**

**SANITARY SURVEY**

**and**

**WASTEWATER PERMIT**



# Florida Department of Environmental Protection

## South District Public Water System Sanitary Survey Inspection Report

<b>Water system:</b> LP Water Works, Inc.		<b>System PWS #:</b> 6280304		<b>Survey date:</b> 1/27/2023	
<b>Facility type class:</b> Community - (5D)		<b>Source type:</b> Ground		<b>4-Log approved:</b> No	
<b>Facility address:</b> 100 Shoreline Dr Lake Placid, FL 33852					
<b>Facility phone(s):</b>			<b>Facility email/fax:</b>		
<b>Facility contact:</b> Dustin Williams			<b>Facility contact phone(s):</b> 305-878-0713		
<b>Facility contact email/fax:</b> dwilliams@uswatercorp.net					
<b>Owner name:</b> Gina Hough			<b>Company name:</b> GNM Hough, Inc		
<b>Owner/Corp address:</b> 100 Shoreline Drive, Suite 105		<b>City:</b> Lake Placid		<b>State:</b> FL	<b>Zip:</b> 33852
<b>Owner/Corp phone(s):</b>			<b>Owner e-contact(s):</b>		
<b>Operator name:</b> Shane Fannin / Dustin Williams			<b>Certification:</b> C 28437 / A 22520		
<b>Operator phone(s):</b> (863)633-0330			<b>Operator email/fax:</b> sfannin@uswatercorp.net		
<b>On-site Rep:</b> Operator, Facility Contact		<b>Immediate Action Required?</b> Yes		<b>Inspection recap given?</b> Yes	

### GENERAL INFORMATION

Number of Service Connections 440  
 Population Served 800  
 Plant Design Capacity Plant 1 = 100,000 plant 2 = 100,000 GPD  
 Average Day (from MORs) See Comments GPD  
 Max. Day (from MORs) See Comments GPD  
 Total Storage Capacity 25,000 GPD  
 Comments:  
 Average Day from MORs for Plant 1 Average - 36,550 Gallons. Plant 1 Max - 84,000.  
 Plant 2: Average- 1,086 Gallons, Plant 2 Max- 30,994 gallons.

### OPERATION & MAINTENANCE

Certified Operator:  Yes  No  Not required  
 Plant visits conducted by: Operator  
 O&M Log:  Yes  No O&M Manual:  Yes  No  
 Visitation Frequency  
 Hrs/day: *Required* \_\_\_\_\_ *Actual* \_\_\_\_\_  
 Hrs/wk: *Required* 0.2 *Actual* 0.2  
 Days/wk: *Required* 2 *Actual* 2  
 Non-consecutive Days?  Yes  No  N/A  
 MORs submitted regularly?  Yes  No  N/A  
 Data missing from MORs?  Yes  No  N/A

### CHLORINATION (Disinfection)

Type: Gas Chlorination  
 Capacity 150 Unit  Total  Each  
 Chlorine Feed Rate \_\_\_\_\_  
 Avg. Amount of Cl<sub>2</sub> gas used 1lb/day  
 Chlorine Residuals: Plant S.C. Remote 1.4  
 Remote tap location End of distribution at residence  
 Injection Points Hydropneumatic tanks at each plant  
 Booster Pump Info \_\_\_\_\_  
 Comments:

Poe Samples: 2.1 @ 11:03am for west plant, 0.8 @ 11:12am for east plant. Remote sample time @ 11:30am

### AERATION (Gases, Fe, & Mn Removal)

Type \_\_\_\_\_ Capacity \_\_\_\_\_  
 Aerator Condition \_\_\_\_\_  
 Visible Algae Growth  Yes  No  
 Protective Screen Condition \_\_\_\_\_  
 Comments:

### 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) 68  
 Switchover:  Automatic  Manual  
 Standby Plan:  Yes  No  
 Hrs Operated Under Load once a week for 10 minutes  
 What equipment does it operate?  
 Well pumps \_\_\_\_\_  
 High Service Pumps \_\_\_\_\_  
 Treatment Equipment \_\_\_\_\_  
 Satisfy 1/2 max-day demand?  Yes  No  Unk  
 Comments:

A written standby plan was not available.

### DISTRIBUTION SYSTEM

Flow Measuring Device Flow Meter  
 Meter Size & Type West plant- Propeller 6" East- Force flow seanetrics 4"  
 Meter tested w/i 5 yrs?  Yes  No  Unk  N/A  
 Backflow Prevention:  Yes  No  
 Cross-connections None  
 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:

Flow meter tested in 2020.

### SERVICE AREA CHARACTERISTICS:

RV Park

Food Service:  Yes  No  N/A

**STORAGE FACILITIES**

<b>Tank Type</b>	Hydropneumatic	Hydropneumatic							
<b>Capacity GAL</b>	14,000	11,000							
<b>Material</b>	Steel	Steel							
<b>By-pass Piping</b>	Yes	Yes							
<b>Gravity Drain</b>	Yes	Yes							
<b>PRV/ARV</b>	PRV	PRV							
<b>Protected Openings</b>	Yes	Yes							
<b>Pressure Gauge</b>	Yes	Yes							
<b>Sight Glass or Level Indicator</b>	S.G.	S.G.							
<b>Fittings for Sight Glass</b>	Yes	Yes							
<b>Access Padlocked</b>	Yes	Yes							
<b>Last Inspection Date (for tanks with access manholes)</b>	2/2019	2017							
<b>On/Off Pressure</b>	40/60	40/60							
<b>Height to Bottom of Elevated Tank</b>	N/A	N/A							
<b>Height to Max. Water Level</b>	Unk	Unk							

**Comments:**

The Point of entry taps on the tanks have threads.

Inspections for both hydro tanks are scheduled for the first week of February. The Department will need documentation when the inspections are completed.

**HIGH SERVICE (HSP), BACKWASH (BWP), TRANSFER (TP) and OTHER (OP) PUMPS**

<b>Pump Purpose</b>									
<b>Pump Number</b>									
<b>Type</b>									
<b>Capacity (gpm)</b>									
<b>Motor HP</b>									
<b>Date Installed</b>									

**Comments:**

**GROUND WATER SOURCE**

Well Name (System Identification)		Woodlands East (Well 2)	Woodlands West (Well 1)		
Florida Well ID		AAI0056	AAI0057		
Year Drilled		1990	1990		
Depth Drilled		830	1700		
Length (outside casing)		Unk	Unk		
Diameter (outside casing)		4"	4"		
Is inundation of well possible?		<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
6' X 6' X 4" Concrete Pad		<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
PUMP	Type	Turbine	Turbine		
	Rated Capacity (gpm)	280	300		
	Motor Horsepower	25	50		
Well casing 12" above grade?		<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Well Casing Sanitary Seal		<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Raw Water Sampling Tap		<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Above Ground Check Valve		<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Fence/Housing		<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No
Well Vent Protection		<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No	<input type="radio"/> Yes <input type="radio"/> No

**COMMENTS:**

Both well vents were not downward facing and did not have 24 mesh screens. Woodlands west has cracks in the well pad and pump needs to be painted.

**TREATMENT PROCESSES IN USE:**

Gas-Chlorination

Is additional treatment needed?  Yes  No  
 If so, for control of what deficiencies?

MONITORING VIOLATIONS	MCL VIOLATIONS
-----------------------	----------------

Plant 1 did not perform the required annual testing for the Volatile Organic Contaminants of Total Xylenes in Quarter 1 of 2022. Therefore, you must notify the public of the Monitoring and Reporting violation in accordance with Rule 62-560.410, F.A.C. Public Notice was posted in May, 2022. Because the missed Q1 2022 Xylene sample was supposed to be a consecutive Annual sample, this water system will be required to restart Annual monitoring for Total Xylenes during the first calendar quarter of 2023 and shall remain on Annual monitoring for Total Xylenes until three consecutive Annual samples are each less than the Regulatory Detection Limit of 0.5 micrograms per liter.

**MONITORING COMMENTS:**



# FLORIDA DEPARTMENT OF Environmental Protection

South District  
PO Box 2549  
Fort Myers FL 33902-2549  
[SouthDistrict@FloridaDEP.gov](mailto:SouthDistrict@FloridaDEP.gov)

Ron DeSantis  
Governor

Jeanette Nuñez  
Lt. Governor

Noah Valenstein  
Secretary

## STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

**PERMITTEE:**  
LP WATERWORKS, INC.

**RESPONSIBLE OFFICIAL:**  
Gary Deremer, President  
4939 Cross Bayou Boulevard  
New Port Richey, Florida 34652  
(727) 848-8292  
[ez-dmr@uswatercorp.net](mailto:ez-dmr@uswatercorp.net)

**PERMIT NUMBER:** FLA014340  
**FILE NUMBER:** FLA014340-010-DW3P  
**ISSUANCE DATE:** November 22, 2019  
**EFFECTIVE DATE:** May 13, 2020  
**EXPIRATION DATE:** May 12, 2025

**FACILITY:**

LP Waterworks WWTP  
1525 US Highway 27 S  
Lake Placid, FL 33852  
Highlands County  
Latitude: 27° 16' 5.8236" N      Longitude: 81° 20' 36.246" W

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.). This permit does not constitute authorization to discharge wastewater other than as expressly stated in this permit. The above-named permittee is hereby authorized to operate the facilities in accordance with the documents attached hereto and specifically described as follows:

**WASTEWATER TREATMENT:**

Operate an existing 0.050 million gallons per day (MGD), maximum Monthly Average Daily Flow (MADF) permitted capacity extended aeration domestic wastewater treatment facility consisting of: a bar screen, two 5,000-gallon surge tanks, ten 5,000-gallon aeration tanks, two 4,400-gallon clarifiers, one 4,300-gallon digester, and two 918-gallon chlorine contact tanks.

**REUSE OR DISPOSAL:**

**Land Application R-001:** An existing 0.050 MGD monthly average daily flow permitted capacity rapid infiltration basin system. R-001 consists of two percolation ponds having a capacity of 0.050 MGD located approximately at latitude 27° 16' 4" N, longitude 81° 20' 36" W.

**IN ACCORDANCE WITH:** The limitations, monitoring requirements, and other conditions set forth in this cover sheet and Part I through Part IX on pages 1 through 14 of this permit.

**LP Waterworks**

**FDR-15 - Year-End Customer Counts**

	Present		TY		TY-1 (2023)		TY-2 (2022)		TY-3 (2021)		TY-4 (2020)	
	W	WW	W	WW	W	WW	W	WW	W	WW	W	WW
<b>Residential</b>												
5/8"					424	377	440	384	432	374	346	293
3/4"									2			
1 1/2"									1			
<b>General Service</b>												
5/8"					14	10	10	30	14	14	13	13
3/4"												
1"					3	1	4	1	3	1	3	1
1 1/2"					2	2	2	2	2	2	2	2
2"					3		3		3		3	
6" Fireflow					1		1		1		1	