

Lakeside Waterworks, Inc.

August 18, 2016

Office of Commission Clerk
Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399RECEIVED-FPSC
2016 AUG 26 AM 8:29
COMMISSION
CLERK

Re: Application for Staff Assisted Rate Case (SARC) in Lake County by Lakeside Waterworks, Inc.

Dear Commission Clerk,

Lakeside Waterworks, Inc. (Lakeside or Utility) submits its application for a staff assisted rate case (SARC) in Lake County by Lakeside Waterworks, Inc. In support of its application, Lakeside submits the following information.

REDACTED**Need for Rate Relief**

Lakeside's last SARC was in Docket No. 130194-WS, which was approved in PSC Order No. PSC-15-0013-PAA-WS, issued January 2, 2015 (2015 SARC Order). The 2015 SARC Order approved a Settlement Agreement between the Office of Public Counsel (OPC), the Utility, and the Shangri-La by the Lake, Homeowners' Association (Homeowners). The approved rates were phased in over a two (2) year period.

Water Well Replacement -Subsequent to the issuance of the 2015 SARC Order, the Utility unfortunately experienced a collapsed well. This was the primary well supplying potable water to the customers. Lakeside attempted to rehabilitate this well with a private well driller, but was unsuccessful. The cost for the attempted rehabilitation was \$19,152. Therefore, Lakeside had to permit and drill a new well to replace the one which collapsed. The new replacement well was placed into service this year (2016). The cost of the replacement well was \$82,450. Lakeside is requesting the Commission approve the retirement and recovery of the loss on this collapsed well which was forced to retire early, as well as an amortization of both the early retirement and attempted rehabilitation costs. The Utility believed it was prudent to attempt rehabilitation, since this would have been less costly than to drill the new well. Lakeside has calculated the amortization of the loss on early retirement pursuant to Rule 25-30.433(9), F.A.C. as follows:

Lakeside Waterworks - Well Retirement	Two Wells	One Well
Wells and Springs	\$ 31,912.00	\$ 15,956.00
Accumulated Depreciation as of 6/30/16	\$ 28,856.86	\$ 14,428.43
Loss on retirement	\$ 3,055.14	\$ 1,527.57
Additional Capital for Rehab attempts		\$ 19,152.00
Total Loss Amount to Amortize		\$ 20,679.57

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Amortization pursuant to Rule 25-30.433(9) FAC

Annual Depreciation	3.70%	\$	16,664.62
Amount of Retirement		\$	20,679.57
Ratio of Depr/Plant			1.240926288
Use 10 YEAR Amortization (Dkts 140239-WS & 150102-SU)			10
Annual Amortization of Loss		\$	2,067.96
Rate of Return	8.330%	\$	1,722.57
Total Annual Amortization		\$	3,790.52

Wastewater Treatment Plant Replacement - In addition, the wastewater treatment plant (WWTP) is being required to be replaced. The Florida Department of Environmental Protection (FDEP) conducted an inspection of the WWTP on October 13, 2015. In its written inspection report (Attached), the FDEP cited Lakeside as being in non-compliance due to the condition of the WWTP. The FDEP inspection stated:

Deficiency Description:

8.1.2 The following structural issues were observed at the facility.

- a. Catwalk corrodes in places
- b. Bulkhead between the aeration tank and the digester is bowed and separated from the supports. The transfer pipe is between the aeration tank and the digester is loose.
- c. The tanks cross beam supports are very rusty

On October 22, 2015 Mr. Deremer of Lakeside Waterworks/ US Water Corp and Mr. Derossett of U.S. Water were contacted about these deficiencies. On October 27, 2015, Mr. Derossett emailed the Department stating that the structural issues regarding support beams and bulkhead will be addressed by the Owner, FPSC and customers to determine the repairs or replacement of the plants structures. No response has been received from Mr. Deremer regarding these issues.

Permit/Rule or Other Reference:

8.1.2 Chapter 62-620.610(7): The permittee shall at all times 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.

Recommendation for Corrective Action:

8.1.2 Please submit a corrective action plan with time schedule for the repair of the structural issues at the facility within 15 days of receipt of this letter.

On November 30, 2015, Lakeside provided the following response (Attached) to FDEP:

8.1.2 – Structural Issues:

Lakeside Waterworks, Inc. is regulated by the Florida Public Service Commission (FPSC). According to the FPSC, this utility began operation in 1983. Thus the

Mailing: C/O 4939 Cross Bayou Boulevard, New Port Richey, Florida 34652
Tel: 727-848-8292

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infrastructure is approximately 33 years old. Lakeside Waterworks purchased this utility in 2012. In July 2013, Lakeside Waterworks filed for a staff assisted rate case (SARC) with the FPSC in order to recover its operating expenses and earn a fair return on its investment. The SARC was approved in January 2015. The current service rates are not compensatory to recover any additional improvements and/or replacement in either water or wastewater capital items. In 2015, a potable water well collapsed and became inoperable. Lakeside Waterworks is in the process of replacing this potable water well.

Lakeside Waterworks is aware of the current condition of its wastewater treatment plant and remains cognizant of the potential impact in service rates that will need to be charged to its customers. Lakeside Waterworks intends to file a subsequent SARC to recover, not only the cost for the water well replacement, but also for needed repairs and replacement to its wastewater treatment plant.

In order to move forward with these needed repairs and replacements at its wastewater treatment plant, Lakeside Waterworks will need to file for a subsequent SARC to recover the costs involved. This will entail the filing of the SARC and request for recovery in its service rates to make the necessary repairs and replacements.

The following timeline is an estimate to determine the plant issues that need to be resolved satisfactorily to FDEP standards. The aeration and digester tanks are in very poor condition due to corrosion and the age of the treatment plant. As such, Lakeside Waterworks intends to replace the existing metal structures with concrete tanks. The amount of time to design, permit and build these additions would be approximately nine (9) months from start. The work would be dependent on the following: (1) FDEP permitting of the replacements; (2) FPSC approval of the costs in rates; and (3) the customers being advised of the process through the FPSC SARC process. The SARC process takes approximately 18 months for final approval. The application for the SARC rate increase depends on the proper documentation and support for the proposed capital improvements necessary in order to meet the FDEP requirements.

The proposed timeline would be as follows:

Design and Engineering of the wastewater plant improvements - February 2016

FDEP permitting - April 2016

Submit Requests for Bids and bid received to perform the work - June 2016

Submit SARC to PSC in - July 2016

FPSC SARC process to receive approval in rates - August 2017

Complete work at WWTP - May 2018

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Lakeside Waterworks, Inc. requests assistance from the FDEP in (1) receiving expedited permitting, and (2) support for recovery in its SARC with the FPSC. This includes attending the required customer meeting during the SARC process and providing support to the FPSC during the SARC process.

Lakeside submitted its application for a FDEP permit and the final permit was received on June 27, 2016 (Attached). The wastewater treatment plant has been permitted for 15,000 gpd based on a Three Month Average Daily Flow (TMADF). The previous wastewater plant was permitted for 50,000 Annual Average Daily Flow (AADF). By permitting at a TMADF, Lakeside was able to keep the capital costs at a lower amount for the replacement.

Lakeside solicited bid proposals for the new plant and received a proposal from an outside contractor for \$98,210. This is WWTP is a concrete plant and there are few outside contractors that manufacture and install this type of plant.

However, Lakeside's contract operator, U.S. Water Services Corporation has been engaged to install the replacement at less cost. The U.S. Water proposal for replacement is in the amount of \$96,834, which is less than the outside contractor. Lakeside believes it is in the customer's best interest to move forward with the least cost alternative in order to keep the resulting wastewater rates lower. These costs proposals do not include any additional costs for engineering, permitting, construction oversight nor inspections. Lakeside did include the cost for newspaper advertisement required by the FDEP in order to obtain the permitting.

Lakeside is requesting the Commission approve the retirement and recovery of the loss on this WWTP early retirement. Lakeside has calculated the amortization of the loss on early retirement pursuant to Rule 25-30.433(9), F.A.C. as follows:

Lakeside Waterworks - WWTP Retirement			
Treatment and Disposal Equipment		\$	36,689.21
Accumulated Depreciation as of 6/30/16		\$	35,469.15
Loss on retirement		\$	1,220.06
Total Loss Amount to Amortize		\$	1,220.06
Amortization pursuant to Rule 25-30.433(9) FAC			
Annual Depreciation	6.67%	\$	2,445.95
Amount of Retirement		\$	1,220.06
Ratio of Depr/Plant			0.498807642
Use 10 YEAR Amortization (Dkts 140239-WS & 150102-SU)			10
Annual Amortization of Loss		\$	122.01
Rate of Return	8.330%	\$	101.63
Total Annual Amortization		\$	223.63

Decline in Revenues

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In addition, the 2015 SARC Order approved a Revenue Requirement of \$60,788 for water and \$60,695 for wastewater based on the approved Operating Ratio Methodology. However, for the requested test year ending June 30, 2015, Lakeside's revenues were \$59,676 for water and \$54,216 for wastewater. This was prior to the replacement of the collapsed water well and the replacement of the wastewater treatment plant.

Year End Water Rate Base

Lakeside is requesting test year for the SARC for the twelve month ending June 30, 2016. In addition, Lakeside is requesting a Year End rate base for its water system since the additional capital costs for the new replacement well represent a significant portion of the water plant in service. If an average rate base were utilized, Lakeside would not be afforded the opportunity to recover its allowed rate of return on the new investment and would be put in the position of requesting a subsequent SARC at a later date.

This is consistent with past Commission practice. See Order Nos. PSC-98-0763-FOF-SU, issued June 3, 1998; PSC-02-1449-PAA-WS, issued October 21, 2002; PSC-00-1774-PAA-WU, issued September 27, 2000; and PSC-01-0323-PAA-SU, issued February 5, 2001. In the last rate case (2015 SARC Order), the Commission approved Water Utility Plant in Service in the amount of \$138,229. For the requested test year ending June 30, 2015, the Water Utility Plant in Service is \$263,806, which is an increase of \$125,507, or 90.75% increase. This represents not only the new replacement well, but also plant improvements to address water quality concerns expressed by the customers. As indicated in the letter to the Shangri-La by the Lake Mobile Homeowners' Association, dated April 5, 2016, the utility replaced the automated aeration at the plant. The utility installed new Whitewater Compressors at both of the existing Hydro tanks.

Pro Forma Wastewater Plant

In addition, as previously stated, Lakeside is requesting approval and recovery of the total cost of the new replacement wastewater treatment plant. This replacement is being required by the Florida Department of Environmental Protection (FDEP) due to the condition of the aged existing plant. Pursuant to Section 367.081(2)(a)2(c), Florida Statutes:

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

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Agency, the Department of Environmental Protection, a water management district, or any other governmental entity with similar regulatory jurisdiction.

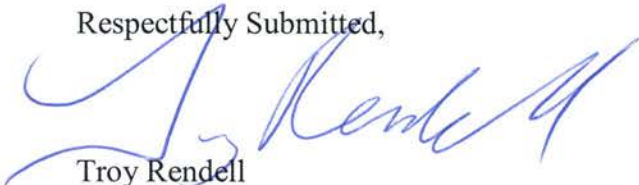
In the 2015 SARC Order, the Commission stated,

During our site visit we observed that the condition of the aging system appears to warrant the repairs contemplated by Lakeside. However, Lakeside elected to withdraw the request for recovery of these particular repair costs from this proceeding. We also observed that Lakeside is actively monitoring the condition of the system, and making temporary repairs, as necessary, to ensure the continued safe operation of the WWTP until permanent measures can be completed. Lakeside intends to proceed with the repairs and seek recovery in a future proceeding. Based on Lakeside's proactive approach to ensuring the safe operation of the system now and in the future, and on Lakeside's status with DEP, we find the operational condition of the WWTP to be satisfactory.

In an attempt to maintain the wastewater rates at a lower level, Lakeside previously attempted to continue making necessary repairs to the existing WWTP, but due to the condition of the plant and the FDEP Inspection Report, it is now necessary to replace this plant.

Lakeside has kept the Homeowners informed of these necessary replacements and the necessity of the impending SARC. See the attached letter submitted to the Homeowners. Due to the necessary capital expenditures for both water and wastewater plant in service, Lakeside believes that the revenue requirement will now be based on the traditional rate of return on rate base.

Respectfully Submitted,



Troy Rendell
Manager of Regulated Utilities
//For Lakeside Waterworks, Inc.

Lakeside Waterworks, Inc.
Filing Fee Pursuant to Rule 25-30.020, Florida Administrative
Code

Water

Permitted Capacity: 180,000 gallons
350 gpd per ERC: 350 gpd
Number of ERCs 514.29 ERCs

Filing Fee: \$1,000

Wastewater:

Permitted Capacity: 15,000 gallons
280 gpd per ERC: 280 gpd
Number of ERCs 53.57 ERCs

Filing Fee: \$200

Lakeside Waterworks, Inc.

4939 Cross Bayou Boulevard
New Port Richey, FL 34652
727-848-8292

TD BANK, NATIONAL ASSOCIATION
TD Bank

1306


8/22/2016

PAY TO THE ORDER OF Florida Public Service Commission

\$**1,200.00

One Thousand Two Hundred and 00/100***** DOLLARS

Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850



MEMO Filing Fee



Lakeside Waterworks Inc.

Florida Public Service Commission

8/22/2016

1306

Water
Wastewater

1,000.00
200.00

Check received with filing and forwarded to Fiscal for deposit. Fiscal to forward deposit information to Records.

Initials of person who forwarded check:

MJS
8/22/16

Cash Bank-Checking Filing Fee

1,200.00

Details on Back. Intuit® CheckLock™ Secure Check

FLORIDA PUBLIC SERVICE COMMISSION

APPLICATION FOR A STAFF ASSISTED RATE CASE

I. GENERAL DATA

A

Name of Utility: **Lakeside Waterworks, Inc.**

B

Address: **4939 Cross Bayou Blvd., New Port Richey, FL 34652**

1. Telephone Nos.: **(727) 848- 8292**

2. County: **Lake**

Nearest City: **Grand Island/Leesburg, FL**

3. General Area Served: **Shangri-La by the Lake**

C

Authority: **See Order No. PSC-13-0425-PAA-WS, issued September 18, 2013**

1. Water Certificate No. **567-W** Date Received: **September 18, 2013**

2. Wastewater Certificate No. **494-S** Date Received: **September 18, 2013**

3. Date Utility Started Operations: Water: **April 21, 1983** Wastewater: **April 21, 1983**

D

How System Was Acquired: **Purchased from Shangri-La by the Lake Utilities, Inc.**

If utility was purchased, give date **October 18, 2012** Amount Paid \$ **\$85,000**

1. Name of Seller: **Shangri-La by the Lake Utilities, Inc.**

2. Was seller affiliated with present owners? Yes No

3. Did you purchase: Stock or assets only

E

Type of Legal Entity:

Corporation Partnership Sole Proprietorship

F

Ownership & Officers:

	Name	Title	Percent Ownership
1.	<u>Gary Deremer</u>	<u>President</u>	<u>59%</u>
2.	<u>Cecil Delcher</u>	<u>Vice-President</u>	<u>33%</u>
3.	<u>Vickie Penick</u>	<u></u>	<u>8%</u>
4.	<u></u>	<u></u>	<u></u>

G

List of Associated Companies and Addresses:

U.S. Water Services Corporation
4939 Cross Bayou Blvd.
New Port Richey, FL 34652

H

If you have retained an attorney and/or a consultant to represent the utility for this application, furnish the name(s) and address(es):

Name:

Address:

Troy Rendell, U.S. Water Services Corporation

4939 Cross Bayou Blvd.
New Port Richey, FL 34652

II. ACCOUNTING DATA

A

Outside Accountant

- 1. Name: **Jack Baillie, Jr.**
- 2. Firm: **J.S. Baillie, Jr.**
- 3. Address: **2153 Grand Blvd., Holiday, FL 34690**
- 4. Telephone: **(727) 937- 6650**

B

Individual To Contact On Accounting Matters:

- 1. Name: **Troy Rendell, Manager of Regulated Utilities, U.S. Water Services Corp.**
- 2. Telephone: **(727) 848- 8292 ext. 245**

C

Location of Books and Records: **4939 Cross Bayou Blvd., New Port Richey, FL 34652**

D

Have you filed an Annual Report with the Commission? Yes No

Date Last Filed: **2015**

E

Has your latest Regulatory Assessment Fee Payment been made?

(January 30 or July 30 whichever is applicable) Jan 30 July 30

F. Basic Rate Base Data: (Most recent two years)

<u>1. Water:</u>	<u>Year Ending</u> <u>12/31/2015</u>	<u>Proposed</u> <u>Test Year</u> <u>6/30/2016</u>
Cost of Plant In Service	<u>\$164,567</u>	<u>\$263,806</u>
Less Accumulated Depreciation	<u>(115,454)</u>	<u>(118,074)</u>
Less Contributed Plant	<u>(14,251)</u>	<u>(14,251)</u>
Plus Accumulated Amortization – CIAC	<u>7,173</u>	<u>7,379</u>
Net Owner's Investment	\$ 42,035	\$138,860

	<u>Year Ending</u> <u>12/31/2015</u>	<u>Proposed</u> <u>Test Year</u> <u>06/30/2016</u>
2. <u>Wastewater:</u>		
Cost of Plant In Service	\$ 153,450	\$153,449
Less Accumulated Depreciation	(101,405)	(103,869)
Less Contributed Plant	(18,388)	(18,388)
Plus Accumulated Amotrization - CIAC	7,222	7,517
Net Owner's Investment	\$ 40,879	\$38,709

G. Basic Income Statement: *(Most recent two years)*

	<u>Year Ending</u> <u>12/31/2015</u>	<u>Proposed</u> <u>Test Year</u> <u>06/30/2016</u>
1. <u>Water:</u>		
Revenues (By Class)		
a. Residential	\$ 51,711	\$56,943.59
b. Commercial	315	1,936.36
c. Other	4,801	796.40
Total Operating Revenues:	\$ 56,827	\$ 59,676.35
Less Expenses:		
a. Salaries & Wages - Employees	0	0
b. Salaries & Wages - Officers, Directors, & Majority Stockholders	3,000	3,000
c. Employee Pensions & Benefits	0	0
d. Purchased Water	0	0
e. Purchased Power	2,914	2,737
f. Fuel for Power Production	0	0
g. Chemicals	936	1,319
h. Contractual Services – Customer Service	0	0
i. Contractual Services - Professional	39,235	39,390
j. Contractual Services - Legal	341	491
k. Contractual Services – Accounting	0	-1,050
l. Materials and Supplies	0	0
m. Rental of Real Estate	2,460	2,463
n. Office Supplies	0	0
o. Insurance Expense	642	602
p. Regulatory Commission Expense	0	0
q. Bad Debt Expense	285	414
r. Miscellaneous Expense	555	2,201

s.	Depreciation Expense	4,152	5,071
t.	CIAC Amortization Expense	(376)	-415
u.	Property Taxes	684	\$684
v.	Other Taxes - RAFs	2,557	2,686
w.	Income Taxes	0	0
	Operating Income (Loss)	(\$559)	\$84
		Year Ending	Proposed
		12/31/2015	Test Year
2.	<u>Wastewater</u>		
	Revenues (By Class):	\$	\$
a.	Residential	49,706	54,209.10
b.	Commercial	20	6.84
c.		0	0
	Total Operating Revenues:	\$ 49,727	\$ 54,215.94
	Less Expenses:		
a.	Salaries & Wages - Employees	0	0
b.	Salaries & Wages - Officers, Directors, & Majority Stockholders	3,000	3,000
c.	Employee Pensions & Benefits	0	0
d.	Purchased Wastewater Treatment	0	0
e.	Sludge Removal Expense	3,315	2,275
f.	Purchased Power	4,074	3,479
g.	Fuel for Power Production	0	0
h.	Chemicals	684	416
i.	Materials & Supplies	0	0
j.	Contractual Services - Professional	38,307	38,452
k.	Contractual Services - Accounting	0	-825
	Contractual Services - Legal	341	491
	Rents	2,460	2,465
	Insurance Expense	504	534
l.	Regulatory Commission Expense	0	0
m.	Bad Debt Expense	140	375
n.	Miscellaneous Expense	0	0
o.	Depreciation Expense	4,809	4,919
p.	Amortization CIAC	(581)	-589
q.	Property Taxes	684	\$684
r.	Other Taxes	582	2,440
s.	Income Taxes	0	0
	Operating Income (Loss)	(8,591)	-\$3,898

H. Outstanding Debt:

	Creditor	Date Borrowed	Balance Due	Interest Rate	Expiration Date
1.	U.S. Water Services Corp	January 1, 2015	19,566.06	4.0%	January 1, 2020
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, Manager of Regulated Utilities, U.S. Water Service Corp.**
- 2. Telephone: **(727) 848- 8292 ext. 245**

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

Yes.

If yes, explain: **Wastewater plant to be replaced per DEP inspection citation.**

D. List any known service deficiencies and steps taken to remedy problems: **Wastewater treatment plant to be replaced. Utility has obtained the DEP permit and bids and is working to replace. Requesting pro-forma plant to include new plant.**

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

Ron Derossett - U.S. Water Services Corporation

Water Class A - 00003531

Wastewater – Class A - 0003216

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**
- b. Under Construction: **15,000**
- c. Proposed: **15,000**

2. Type and make of present treatment facilities: **Mac Concrete and General Environmental**

3. Approximate average daily flow of treatment plant effluent: **9,864**

4. Approximate length of wastewater mains:

Size (diameter):	8"	10"	4"	3"	
Linear feet:	9,768	4,277	3,211	2,324	

5. Number of manholes: **15**

6. Number of lift stations: **4**

7. How do you measure treatment plant effluent? **Ultrasonic flow meter at V-notch wier**

8. Is the treatment plant effluent chlorinated? Yes No

If yes, what is the normal dosage rate? **5.1 gpd**

9. Tap in fees – Wastewater: **\$ 0**

10. Service availability fees – Wastewater: **\$ 131.00**

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

Number Expiration Date: **FLA010521 – Exp. 06-26-2021**

12. Total gallons treated during most recent twelve months: **3,600,200**

13. Wastewater treatment purchased during most recent twelve months: **0**

H. Water: PWS ID No. 335-4028

1. Gallons per day capacity of treatment facilities:

a. Existing: **180,000**

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

c. Proposed: **n/a**

2. Type of treatment: **Disinfection and Aeration**

3. Approximate average daily flow of treated water: **25,664 gpd**

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

5. Types of chemicals used and their normal dosage rates: **Sodium Hypochlorite**

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

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

Diameter/Depth:	6" / 350	12" / 225	
Motor horsepower:	10	10	
Pump capacity (gpm):	270	280	

7. Reservoirs and/or hydropneumatic tanks:

Description:	Hydro Pneumatic	Hydro Pneumatic	Ground
Capacity:	3,000	5,000	15,000

8. High service pumping:

Motor horsepower:	7.5	7.5	30	30
Pump capacity (gpm):	125	125	545	545

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

10. Approximate feet of water mains:

Size (diameter):	10"	8"	6"	4"
Linear feet:	2,820 lf	2,828	3,450	1,700

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

12. Number of fire hydrants in service: 11

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

14. Meter installation or tap in fees - Water \$ 125.00

15. Service availability fees - Water \$ 210.00

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

17. Total gallons pumped during most recent twelve months: 9,367,465

18. Total gallons sold during most recent twelve months: 8,237,000

19. Gallons unaccounted for during most recent twelve months: 569,503

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:

	BFC - \$13.76
	Gallonge Charge -
	0 - 4,000 - \$3.47
	Over 4,000 - \$4.49
a. Residential Water	BFC - \$13.76
	Gallonge Charge - \$3.80
b. General Service	
c. Special Contract	
d. Other - Specify	

2. Wastewater:

	BFC - \$19.49
	Gallonge Charge - \$6.24
	(6,000 gallon cap)
a. Residential Wastewater	BFC - \$19.49
	Gallonge - \$7.50
b. General Service	

- c. Special Contract
- d. Other - Specify

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

		<u>2015</u>	<u>Test Year</u>
1.	Water Metered		
a.	Residential	183	180
b.	General Service	1	1
c.	Special Contract	0	
d.	Other - Specify	0	
2.	Water Unmetered		
a.	Residential	0	
b.	General Service	0	
c.	Special Contract	0	
d.	Other - Specify	0	
3.	Wastewater		
a.	Residential	168	171
b.	General Service	1	1
c.	Special Contract	0	
d.	Other - Specify	0	

V. AFFIRMATION

I, Gary Deremer the undersigned owner, officer, or partner of the above named public utility, doing business in the State of Florida and subject to the control and jurisdiction of the Florida Public Service Commission, certify that the statements set forth herein are true and correct to the best of my information, knowledge, and belief.

Signed _____

Title _____

[Handwritten Signature]
 Gary Deremer
 President

Notice: Section 837.06, Florida Statutes, provides that any person who knowingly makes a false statement in writing with the intent to mislead a public servant in the performance of his duty shall be guilty of a misdemeanor of the second degree.

Lakeside Waterworks, Inc.
 Schedule of Water Rate Base
 Test Year Ended 06/30/16

Schedule No. 1-A
 Docket No. 160XXX-WU

Description	Average Test Year Per Utility	Adjustments	Average Adjusted Test Year
1 Plant in Service	\$263,806	-\$15,956	\$247,850
2 Land and Land Rights	0	0	0
3 Non-used and Useful Components	0	0	0
4 Accumulated Depreciation	-118,074	15,956	-102,118
5 CIAC	-14,251	0	-14,251
6 Amortization of CIAC	7,379	0	7,379
7 Working Capital Allowance	<u>6,446</u>	<u>146</u>	<u>6,592</u>
8 Rate Base	<u>\$145,306</u>	<u>\$146</u>	<u>\$145,452</u>

Lakeside Waterworks, Inc.
Schedule of Wastewater Rate Base
Test Year Ended 06/30/16

Schedule No. 1-B
Docket No. 160XXX-WU

Description	Test Year Per Utility	Adjustments	Adjusted Test Year
1 Plant in Service	\$153,449	\$60,414	\$213,863
2 Land and Land Rights	0	0	0
3 Non-used and Useful Components	0	0	0
4 Accumulated Depreciation	-103,869	33,452	-70,417
5 CIAC	-18,388	0	-18,388
6 Amortization of CIAC	7,517	0	7,517
7 Working Capital Allowance	<u>6,333</u>	<u>127</u>	<u>6,460</u>
8 Rate Base	<u>\$45,042</u>	<u>\$93,993</u>	<u>\$139,035</u>

Lakeside Waterworks, Inc.
 Adjustments to Rate Base
 Test Year Ended 06/30/16

Schedule No. 1-C
 Docket No. 16XXX-WS

Explanation	Water	Wastewater
<u>Plant In Service</u>		
1 Retirement of Collapsed Well	(\$15,956)	\$0
2 Retirement of WWTP	\$0	(\$36,689)
3 Additional Replacement WWTP	\$0	\$97,103
Total	<u>(\$15,956)</u>	<u>\$60,414</u>
<u>Land</u>		
Total	<u>\$0</u>	<u>\$0</u>
<u>Non-used and Useful</u>		
All components are 100% Used and Useful	<u>\$0</u>	<u>\$0</u>
<u>Accumulated Depreciation</u>		
1 Retirement of Collapsed Well	(\$15,956)	\$0
2 Retirement of WWTP	\$0	(\$36,689)
3 Additional Replacement WWTP	\$0	\$3,237
4	\$0	\$0
Total	<u>(\$15,956)</u>	<u>(\$33,452)</u>
<u>CIAC</u>		
1	\$0	\$0
2	\$0	\$0
3	\$0	\$0
Total	<u>\$0</u>	<u>\$0</u>
<u>Accumulated Amortization of CIAC</u>		
1	\$0	\$0
2	\$0	\$0
Total	<u>\$0</u>	<u>\$0</u>
<u>Accumulated Amortization of Neg Acquisition Adjustment</u>		
1	\$0	\$0
2	\$0	\$0
Total	<u>\$0</u>	<u>\$0</u>
<u>Working Capital</u>		
	<u>\$146</u>	<u>\$127</u>

Lakeside Waterworks, Inc.
 Capital Structure
 Test Year Ended 06/30/16

Schedule No. 2
 Docket No. 160XXX-WU

Description	Total Capital	Specific Adjustments	Subtotal Adjusted Capital	Prorata Adjustments	Capital Reconciled to Rate Base	Ratio	Cost Rate	Weighted Cost
Per Utility								
11 Long-term Debt	\$19,566	\$0	\$19,566	\$11,051	\$30,617	10.76%	4.00%	0.43%
12 Short-term Debt	0	0	\$0	\$0	0	0.00%	0.00%	0.00%
13 Preferred Stock	0	0	\$0	\$0	0	0.00%	0.00%	0.00%
14 Common Equity	158,808	0	\$158,808	\$89,695	248,503	87.35%	8.94%	7.81%
15 Customer Deposits	3,430	0	\$3,430	\$1,937	5,367	1.89%	2.00%	0.04%
16 Deferred Income Taxes	<u>0</u>	<u>0</u>	<u>\$0</u>	<u>\$0</u>	<u>0</u>	<u>0.00%</u>	0.00%	<u>0.00%</u>
20 Total Capital	<u>\$181,804</u>	<u>\$0</u>	<u>\$181,804</u>	<u>\$102,684</u>	<u>\$284,488</u>	<u>100.00%</u>		<u>8.28%</u>
						<u>LOW</u>	<u>HIGH</u>	
				RETURN ON EQUITY		<u>7.94%</u>	<u>9.94%</u>	
				OVERALL RATE OF RETURN		<u>7.40%</u>	<u>9.15%</u>	

Lakeside Waterworks, Inc.
Statement of Water Operations
Test Year Ended 06/30/16

Revised Schedule No. 3-A
Docket No. 160XXX-WU

Description	Test Year Per Utility	Adjustments	Adjusted Test Year	Revenue Increase	Revenue Requirement
1 Operating Revenues:	<u>\$59,676</u>	<u>\$0</u>	<u>\$59,676</u>	<u>\$18,083</u> 30.30%	<u>\$77,758</u>
Operating Expenses					
2 Operation & Maintenance	51,567	1,171	52,738	354	53,092
3 Depreciation	5,071	0	5,071		5,071
4 Amortization	-415	3,791	3,375		3,375
5 Taxes Other Than Income	3,370	0	3,369	814	4,183
6 Income Taxes	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
7 Total Operating Expense	<u>59,592</u>	<u>4,961</u>	<u>64,554</u>	<u>1,168</u>	<u>65,721</u>
8 Operating Income	<u>\$84</u>	<u>-\$4,961</u>	<u>-\$4,877</u>	<u>\$16,915</u>	<u>\$12,037</u>
9 Rate Base	<u>\$145,306</u>		<u>\$145,452</u>		<u>\$145,452</u>
10 Rate of Return	<u>0.06%</u>		<u>-3.35%</u>		<u>8.28%</u>

Lakeside Waterworks, Inc.
Statement of Wastewater Operations
Test Year Ended 06/30/16

Revised Schedule No. 3-B
Docket No. 160XXX-WU

Description	Test Year Per Utility	Adjustments	Adjusted Test Year	Revenue Increase	Revenue Requirement
1 Operating Revenues:	<u>\$54,216</u>	<u>\$0</u>	<u>\$54,216</u>	<u>\$24,714</u> 45.58%	<u>\$78,930</u>
Operating Expenses					
2 Operation & Maintenance	\$50,661	\$1,016	\$51,676	484	\$52,160
3 Depreciation	4,919	6,474	11,393		11,393
4 Amortization	-589	224	-366		-366
5 Taxes Other Than Income	3,124	0	3,124	1,112	4,236
6 Income Taxes	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
7 Total Operating Expense	<u>58,114</u>	<u>7,713</u>	<u>65,827</u>	<u>1,596</u>	<u>67,423</u>
8 Operating Income	<u>-\$3,898</u>	<u>-\$7,713</u>	<u>-\$11,611</u>	<u>\$23,117</u>	<u>\$11,507</u>
9 Rate Base	<u>\$139,035</u>		<u>\$139,035</u>		<u>\$139,035</u>
10 Rate of Return	<u>-2.80%</u>		<u>-8.35%</u>		<u>8.28%</u>

Lakeside Waterworks, Inc.
 Adjustment to Operating Income
 Test Year Ended 06/30/16

Revised Schedule 3-C
 Docket No. 16XXXX-WS

Explanation	Water	Wastewater
Operating Revenues		
1	\$0	\$0
2	<u>\$0</u>	<u>\$0</u>
Total	<u>\$0</u>	<u>\$0</u>
Operation and Maintenance Expense		
1 Annualized Accounting Fees	\$1,050	\$825
2 Annualized General Liability	(\$39)	\$29
3 Rate Case Expense Amortization	\$161	\$161
4 Total	<u>\$1,171</u>	<u>\$1,016</u>
Depreciation Expense - Net		
1 Additional Replacement WWTP		\$6,474
2 Total	<u>\$0</u>	<u>\$6,474</u>
Amortization of Loss on Early Retirement		
1 Loss on Well Retirement	\$3,791	\$0
2 Loss on WWTP Retirement	\$0	\$224
3	<u>\$0</u>	<u>\$0</u>
Total	<u>\$3,791</u>	<u>\$224</u>
Taxes Other Than Income		
1	\$0	\$0
4 To reflect appropriate RAFs test year revenues	(\$0)	\$0
Total	(\$0)	\$0
Additional Pro Forma Adjustments		
Operation and Maintenance Expense		
2 Bad Debt Expense on Revenue Increase (2%)	<u>\$354</u>	<u>\$506</u>
TAXES OTHER THAN INCOME TAX		
3 RAF on Revenue Adjustment @ 4.5%	<u>\$814</u>	<u>\$1,112</u>

PLANT, ETC & USED AND USEFUL ADJUSTMENTS

Test Year Ended 06/30/16

WATER UTILITY PLANT ACCOUNTS

ACCT. NO.	ACCOUNT NAME	Test Year Plant		Adjusted Balance	Depr Rates Per Rule	Test Year Acc Depr		Adjusted Balance	Test Year Depr Exp	Adjusted Balance	NON-U/U %	NON-U/U Adj to Plant	NON-U/U Adj to Acc. Depr	NON-U/U Adj to depr exp	
		Per Books	Adjustments			Acc Depr	Adjustments								
301	Organization	1,473	0	1,473	2.50%	477	0	477	37	0	37	0.00%	0	#N/A	#N/A
302	Franchises	0	0	0	2.50%	0	0	0	0	0	0	0.00%	0	#N/A	#N/A
303	Land and Land Rights	0	0	0	NA	0	0	0	0	0	0	0.00%	0	0	0
304	Structures and Improvements	10,296	0	10,296	3.70%	3,825	0	3,825	381	0	381	0.00%	0	0	0
305	Collecting and Impounding	0	0	0	2.00%	0	0	0	0	0	0	0.00%	0	0	0
306	Lake River and Other Intakes	0	0	0	2.50%	0	0	0	0	0	0	0.00%	0	0	0
307	Wells and Springs	132,172	-15,956	116,216	3.70%	28,053	-15,956	12,097	1,941	0	1,941	0.00%	0	0	0
308	Infiltration Galleries	0	0	0	2.50%	0	0	0	0	0	0	0.00%	0	0	0
309	Supply Mains	300	0	300	3.13%	215	0	215	9	0	9	0.00%	0	0	0
310	Power Generation Equipment	603	0	603	5.88%	107	0	107	35	0	35	0.00%	0	0	0
311	Pumping Equipment	7,693	0	7,693	5.88%	7,183	0	7,183	452	0	452	0.00%	0	0	0
320	Water Treatment Equipment	10,671	0	10,671	5.88%	10,213	0	10,213	628	0	628	0.00%	0	0	0
330	Distribution Reservoirs	5,829	0	5,829	3.03%	1,515	0	1,515	15	0	15	0.00%	0	0	0
331	Transmission and Distribution Mains	54,604	0	54,604	2.63%	27,802	0	27,802	1,178	0	1,178	0.00%	0	0	0
333	Services	7,675	0	7,675	2.86%	7,678	0	7,678	219	0	219	0.00%	0	0	0
334	Meter & Meter Installations	28,989	0	28,989	5.88%	28,946	0	28,946	0	0	0	0.00%	0	0	0
335	Hydrants	0	0	0	2.50%	0	0	0	0	0	0	0.00%	0	0	0
339	Other Plant & Miscellaneous Equipment	3,501	0	3,501	10.00%	2,062	0	2,062	175	0	175	0.00%	0	0	0
340	Office Furniture & Equipment	0	0	0	6.67%	0	0	0	0	0	0	0.00%	0	0	0
340	Computer Equipment	0	0	0	16.67%	0	0	0	0	0	0	0.00%	0	0	0
341	Transportation Equipment	0	0	0	16.67%	0	0	0	0	0	0	0.00%	0	0	0
342	Stores Equipment	0	0	0	5.56%	0	0	0	0	0	0	0.00%	0	0	0
343	Tools, Shop & Garage	0	0	0	6.25%	0	0	0	0	0	0	0.00%	0	0	0
344	Laboratory Equipment	0	0	0	6.67%	0	0	0	0	0	0	0.00%	0	0	0
345	Power Operated Equipment	0	0	0	8.33%	0	0	0	0	0	0	0.00%	0	0	0
346	Communication Equipment	0	0	0	10.00%	0	0	0	0	0	0	0.00%	0	0	0
347	Miscellaneous Equipment	0	0	0	6.67%	0	0	0	0	0	0	0.00%	0	0	0
348	Other Plant & Miscellaneous Equipment	0	0	0	10.00%	0	0	0	0	0	0	0.00%	0	0	0
INTANGIBLE PLANT		\$1,473	\$0	\$1,473		\$477	\$0	\$477	\$37	\$0	\$37	#N/A	\$0	\$0	\$0
SOURCE OF SUPPLY & PUMPING		151,064	-15,956	135,108		39,383	-15,956	23,427	2,819	0	2,819	0.00%	0	0	0
WATER TREATMENT PLANT		10,671	0	10,671		10,213	0	10,213	628	0	628	0.00%	0	0	0
TRANSMISSION & DISTRIBUTION		100,598	0	100,598		68,002	0	68,002	1,587	0	1,587	0.00%	0	0	0
GENERAL PLANT		0	0	0		0	0	0	0	0	0	#N/A	0	0	0
TOTALS - WATER		\$263,806	-\$15,956	\$247,850		\$118,074	-\$15,956	\$102,118	\$5,071	\$0	\$5,071	0.00%	\$0	\$0	\$0

RATIO OF NON-USED & USEFUL PLANT 0.00%

WASTEWATER UTILITY PLANT ACCOUNTS

ACCT. NO.	ACCOUNT NAME	Test Year Plant		Adjusted Balance	Depr Rates Per Rule	Test Year		Adjusted Balance	Depr Exp		Balance	NON-U/U %	NON-U/U Adj to Plant	NON-U/U Adj to Acc. Depr	NON-U/U Adj to Depr Exp
		Per Books	Adjustments			Acc Depr	Adjustments		Per Books	Adjustments					
351	Organization	1,408	0	1,408	2.50%	473	0	473	35	0	35	#N/A	#N/A	#N/A	#N/A
352	Franchises	0	0	0	2.50%	0	0	0	0	0	0	#N/A	#N/A	#N/A	#N/A
353	Land and Land Rights	0	0	0	NA	0	0	0	0	0	0	0.00%	0	0	0
354	Structures and Improvements	6,080	0	6,080	3.13%	6,080	0	6,080	0	0	0	0.00%	0	0	0
360	Collection Sewers - Force	3,138	0	3,138	3.33%	3,138	0	3,138	0	0	0	0.00%	0	0	0
361	Collection Sewers - Gravity	73,983	0	73,983	2.22%	28,774	0	28,774	1,850	0	1,850	0.00%	0	0	0
362	Special Collecting Structures	200	0	200	2.50%	121	0	121	5	0	5	0.00%	0	0	0
363	Services to Customers	5,145	0	5,145	2.63%	5,061	0	5,061	147	0	147	0.00%	0	0	0
364	Flow Measuring Devices	2,474	0	2,474	20.00%	2,474	0	2,474	0	0	0	0.00%	0	0	0
365	Flow Measuring Installation	2,540	0	2,540	2.63%	1,634	0	1,634	73	0	73	0.00%	0	0	0
366	Reuse Services	0	0	0	2.50%	0	0	0	0	0	0	0.00%	0	0	0
367	Reuse Meters and Meter Installations	0	0	0	5.00%	0	0	0	0	0	0	0.00%	0	0	0
370	Receiving Wells	16,000	0	16,000	3.33%	16,000	0	16,000	0	0	0	0.00%	0	0	0
371	Pumping Equipment	2,640	0	2,640	5.56%	2,136	0	2,136	176	0	176	0.00%	0	0	0
374	Reuse Distribution Reservoirs	0	0	0	2.70%	0	0	0	0	0	0	0.00%	0	0	0
375	Reuse Transmission and Distribution System	0	0	0	2.33%	0	0	0	0	0	0	0.00%	0	0	0
380	Treatment and Disposal Equipment	36,689	60,414	97,103	5.56%	35,469	-33,452	2,017	2,437	6,474	8,910	0.00%	0	0	0
381	Plant Sewers	0	0	0	2.86%	0	0	0	0	0	0	0.00%	0	0	0
382	Outfall Sewer Lines	0	0	0	3.33%	0	0	0	0	0	0	0.00%	0	0	0
389	Other Plant & Miscellaneous Equipment	2,949	0	2,949	5.56%	2,307	0	2,307	197	0	197	0.00%	0	0	0
390	Office Furniture & Equipment	0	0	0	6.67%	0	0	0	0	0	0	0.00%	#N/A	#N/A	#N/A
390	Computer Equipment	0	0	0	16.67%	0	0	0	0	0	0	0.00%	#N/A	#N/A	#N/A
391	Transportation Equipment	0	0	0	16.67%	0	0	0	0	0	0	0.00%	#N/A	#N/A	#N/A
392	Stores Equipment	0	0	0	5.56%	0	0	0	0	0	0	0.00%	#N/A	#N/A	#N/A
393	Tools, Shop & Garage	203	0	203	6.25%	203	0	203	0	0	0	0.00%	#N/A	#N/A	#N/A
394	Laboratory Equipment	0	0	0	6.67%	0	0	0	0	0	0	0.00%	#N/A	#N/A	#N/A
395	Power Operated Equipment	0	0	0	8.33%	0	0	0	0	0	0	0.00%	#N/A	#N/A	#N/A
396	Communication Equipment	0	0	0	10.00%	0	0	0	0	0	0	0.00%	#N/A	#N/A	#N/A
397	Miscellaneous Equipment	0	0	0	6.67%	0	0	0	0	0	0	0.00%	#N/A	#N/A	#N/A
398	Other Plant & Miscellaneous Equipment	0	0	0	10.00%	0	0	0	0	0	0	0.00%	#N/A	#N/A	#N/A
INTANGIBLE PLANT		\$1,408	\$0	\$1,408		\$473	\$0	\$473	\$35	\$0	\$35	#N/A	\$0	\$0	\$0
COLLECTION PLANT		93,560	0	93,560		47,281	0	47,281	2,075	0	2,075	0.00%	0	0	0
SYSTEM PUMPING PLANT		18,640	0	18,640		18,136	0	18,136	176	0	176	0.00%	0	0	0
TREATMENT & DISPOSAL PLANT		39,638	60,414	100,052		37,776	-33,452	4,323	2,633	6,474	9,107	0.00%	0	0	0
GENERAL PLANT		203	0	203		203	0	203	0	0	0	0.00%	0	0	0
TOTALS-WASTEWATER		\$153,449	\$60,414	\$213,863		\$103,869	-\$33,452	\$70,417	\$4,919	\$6,474	\$11,393	0.00%	\$0	\$0	\$0

RATIO OF NON-USED & USEFUL PLANT 0.00%

Lakeside Waterworks, Inc.
O&M EXPENSES-WATER
Test Year Ended 06/30/16

Docket No. 160XXX-WU

ACCT NO.	ACCOUNT TITLE	UTILITY		ADJUSTED TEST YEAR
		ADJUSTED TEST YEAR	ADJUSTMENTS	
601	SALARIES AND WAGES - EMPLOYEES	\$0	\$0	\$0
603	SALARIES: OFFICERS, DIRECTORS, ETC.	3,000	0	3,000
604	EMPLOYEE PENSIONS AND BENEFITS	0	0	0
610	PURCHASED WATER	0	0	0
615	PURCHASED POWER	2,737	0	2,737
616	FUEL FOR POWER PRODUCTION	0	0	0
618	CHEMICALS	1,319	0	1,319
620	MATERIALS AND SUPPLIES	0	0	0
631	CONTRACTUAL SERVICES -ENGR.	0	0	0
632	CONTRACTUAL SERVICES - ACCT.	-1,050	1,050	0
633	CONTRACTUAL SERVICES - LEGAL	491	0	491
634	CONTRACTUAL SERVICES - MGMT. FEES	0	0	0
635	CONTRACTUAL SERVICES - OTHER	0	0	0
636	CONTRACTUAL SERVICES - OPERATIONS	39,390	0	39,390
641	RENTAL OF BUILDING/REAL PROPERTY	2,463	0	2,463
642	RENTAL OF EQUIPMENT	0	0	0
650	TRANSPORTATION EXPENSES	0	0	0
656	INSURANCE-VEHICLE	0	0	0
657	INSURANCE-GENERAL LIABILITY	602	-39	563
658	INSURANCE-WORKMAN'S COMP.	0	0	0
659	INSURANCE-OTHER	0	0	0
660	ADVERTISING EXPENSE	0	161	161
666	AMORT. OF RATE CASE EXPENSE	0	0	0
667	REGULATORY COMM. EXPENSES - OTHER	0	0	0
670	BAD DEBT EXPENSE	414	0	414
675	MISCELLANEOUS EXPENSES	2,201	0	2,201
	TOTAL OPERATION AND MAINTENANCE	<u>\$51,567</u>	<u>\$1,171</u>	<u>\$52,738</u>

Lakeside Waterworks, Inc.
O&M EXPENSES-WASTEWATER
 Test Year Ended 06/30/16

Docket No. 160XXX-WU

ACCT NO.	ACCOUNT TITLE	UTILITY		ADJUSTED TEST YEAR
		ADJUSTED TEST YEAR	ADJUSTMENTS	
701	SALARIES AND WAGES - EMPLOYEES	\$0	\$0	\$0
703	SALARIES: OFFICERS, DIRECTORS, ETC.	3,000	0	3,000
704	EMPLOYEE PENSIONS AND BENEFITS	0	0	0
710	PURCHASED SEWAGE TREATMENT	0	0	0
711	SLUDGE REMOVAL EXPENSE	2,275	0	2,275
715	PURCHASED POWER	3,479	0	3,479
716	FUEL FOR POWER PRODUCTION	0	0	0
718	CHEMICALS	416	0	416
720	MATERIALS AND SUPPLIES	0	0	0
731	CONTRACTUAL SERVICES - ENGR.	0	0	0
732	CONTRACTUAL SERVICES - ACCT.	-825	825	0
733	CONTRACTUAL SERVICES - LEGAL	491	0	491
734	CONTRACTUAL SERVICES - MGMT. FEES	0	0	0
735	CONTRACTUAL SERVICES - TESTING	0	0	0
736	CONTRACTUAL SERVICES - OTHER	38,452	0	38,452
741	RENTAL OF BUILDING/REAL PROPERTY	2,465	0	2,465
742	RENTAL OF EQUIPMENT	0	0	0
750	TRANSPORTATION EXPENSES	0	0	0
756	INSURANCE - VEHICLE	0	0	0
757	INSURANCE - GENERAL LIABILITY	534	29	563
758	INSURANCE - WORKMAN'S COMPENSATIOI	0	0	0
759	INSURANCE - OTHER	0	0	0
760	ADVERTISING EXPENSE	0	0	0
766	AMORT. OF RATE CASE EXPENSE	0	161	161
767	REGULATORY COMM. EXPENSES - OTHER	0	0	0
770	BAD DEBT EXPENSE	375	0	375
775	MISCELLANEOUS EXPENSES	<u>0</u>	<u>0</u>	<u>0</u>
	TOTAL OPERATION AND MAINTENANCE	<u>\$50,661</u>	<u>\$1,016</u>	<u>\$51,676</u>

Analysis of Rate Case Expense

Florida Public Service Commission

Lakeside Waterworks, Inc.
 Docket No. 160XXX-WU
 Test Year Ended 06/30/16

Schedule: RCE
 Page: 1 of 1

Explanation: Provide the total amount of rate case expense requested in the application. State whether the total includes the amount up to proposed agency action or through a hearing before the Commission. Provide a breakdown of the total by persons assisting in the application, including the hours billed, the hourly rate, and a detailed list of services provided. Also provide the amortization and its allocation, including support behind this determination.

Line No.	(1) Firm or Vendor Name	(2) Counsel, Consultant or Witness	(3) Hourly Rate	(4) Total Est of Firm's Charges	(5) Type of Service Rendered	(6) Comments	(7) Hours
1	<u>Legal</u>						
2	N/A				0	Legal	
3	Sub-Total Legal				0		
4							
5							
6	<u>Other</u>						
7	Customer Notice -	Rendell		\$ 193.20	Notices - printing & mailing	PSC Rule - past Commission practice	
8	Customer Meeting						
9	Customer Notice - Final	Rendell		\$ 193.20	Notices - printing & mailing	PSC Rule - past Commission practice	
10	Rates						
11	Travel - Customer Meeting	Rendell, Derossett		\$ 250.00	Attend Customer Meeting	Customer Meeting - Lodging, Mileage & Meals	
12	Filing Fee	Rendell		\$ 400.00	Filing Fee	PSC Rule	
13	Travel - PAA Agenda	Rendell / Deremer		\$ 250.00	Attend PAA Agenda	PAA Agenda - Lodging, Mileage & Meals	
14	Sub-Total Other				1,286		
15	Total Estimate Through PAA [X] or Commission Hearing [1,286		
16	Allocation to this Rate Group:						
17		Water	Water	Sewer	Sewer		
18		Allocation %	Amount	Allocation %	Amount		
19	Allocated Total	50.00%	643	50.00%	643		
20	Amortization of Rate Case Expense:						
21	Amortization Period in Years:			4	4		
22	Amortization Amount per year			161	161		
23	Deferred Rate Case Expense (for CWC on A-3)						
24	=(Allocated Total less first year amortization)/2			241	241		
25	Method of Allocation Between Systems (Provide Calculation):						
26	Note: Allocation is by # of customers of the systems in this rate case filing						

WATER	TEST YEAR	UTILITY ADJUSTMENTS	UTILITY ADJUSTED TEST YEAR	ADJUSTMENTS	ADJUSTED TEST YEAR	REVENUE INCREASE	REVENUE REQUIREMENT
PERSONAL PROPERTY	\$684	\$0	\$684	\$0	\$684		\$684
PAYROLL	0	0	0	0	0		0
REGULATORY ASSESSMENT FEES	2,686	0	2,685	0	2,685	814	3,499
OTHER	0	0	0	0	0		0
TOTAL	\$3,370	\$0	\$3,369	\$0	\$3,369	\$814	\$4,183

Test Year RAF 2,686
 Utility Adj Rev 2685.43575
 Adjustment 0.24425

WASTEWATER	TEST YEAR	UTILITY ADJUSTMENTS	UTILITY ADJUSTED TEST YEAR	ADJUSTMENTS	ADJUSTED TEST YEAR	REVENUE INCREASE	REVENUE REQUIREMENT
PERSONAL PROPERTY	\$684	\$0	\$684	\$0	\$684		\$684
PAYROLL	0	0	0	0	0		0
REGULATORY ASSESSMENT FEES	2,440	0	2,440	0	2,440	1,112	3,552
OTHER	0	0	0	0	0		0
TOTAL	\$3,124	\$0	\$3,124	\$0	\$3,124	\$1,112	\$4,236

Test Year RAF 2,440
 Utility Adj Rev 2439.7173
 Adjustment -0.0073

Lakeside Waterworks, Inc.

Docket No. 160XXX-WU

FACTORED ERCs & GALLONS - WATER

Test Year Ended 06/30/16

(METER EQUIVALENT FACTORS BELOW)

METER SIZE	ERC	NUMBER OF BILLS	FACTORED ERCs	GALLONS (000s)
RESIDENTIAL				
5/8 x 3/4"	1.0	2,085	2,085	6,244
3/4"	1.5	0	0	0
1"	2.5	71	178	0
1-1/2"	5.0	0	0	0
TOTAL RESIDENTIAL		<u>2,156</u>	<u>2,262</u>	<u>6,244</u>
GENERAL SERVICE				
5/8"x3/4"	1.0	12	12	397
3/4"	1.5	0	0	0
1"	2.5	0	0	0
1-1/2"	5.0	0	0	0
2"	8.0	0	0	0
3" COMPOUND	16.0	0	0	0
4" COMPOUND	25.0	0	0	0
6" COMPOUND	50.0	0	0	0
8" COMPOUND	80.0	0	0	0
10" COMPOUND	115.0	0	0	0
TOTAL GENERAL SERVICE		<u>12</u>	<u>12</u>	<u>397</u>
PRIVATE FIRE PROTECTION				
2"	0.7	0	0	0
3" COMPOUND	1.3	0	0	0
4" COMPOUND	2.1	0	0	0
6" COMPOUND	4.2	0	0	0
8" COMPOUND	6.7	0	0	0
TOTAL PRIVATE FIRE PROTECTION		<u>0</u>	<u>0</u>	<u>0</u>
TOTAL WATER		<u>2,168</u>	<u>2,274</u>	<u>6,641</u>

Lakeside Waterworks, Inc.
FACTORED ERCs & GALLONS - WASTEWATER
 Test Year Ended 06/30/16

METER SIZE	ERC	NUMBER OF BILLS	FACTORED ERCs	GALLONS (000s)
RESIDENTIAL				
ALL METER SIZES	1.0	2,049	2,049	4,314
GENERAL SERVICE & MULTI-FAMILY				
5/8"x3/4"	1.0	12	12	1
1"	2.5	88	220	0
1-1/2"	5.0	0	0	0
2"	8.0	0	0	0
3" COMPOUND	16.0	0	0	0
4" COMPOUND	25.0	0	0	0
6" COMPOUND	50.0	0	0	0
8" COMPOUND	80.0	0	0	0
10" COMPOUND	115.0	0	0	0
TOTAL GENERAL SERVICE		<u>100</u>	<u>232</u>	<u>1</u>
TOTAL WASTEWATER		<u>2,149</u>	<u>2,281</u>	<u>4,315</u>

Lakeside Waterworks, Inc.
Water Monthly Service Rates
Test Year Ended 06/30/16

Schedule No. 4-A
Docket No. 160XXX-WU

	Rates Prior to Filing	Utility Requested Final	4-year Rate Reduction
--	--------------------------------------	--	--------------------------------------

Residential Service (RS)

Base Facility Charge by Meter Size:

5/8" x 3/4"	\$13.76	\$18.28	\$0.06
3/4"	\$20.64	\$27.41	\$0.09
1"	\$34.40	\$45.69	\$0.16
1-1/2"	\$68.79	\$91.38	\$0.31
2"	\$110.07	\$146.21	\$0.50
3"	\$220.13	\$292.42	\$1.00
4"	\$343.96	\$456.90	\$1.57
6"	\$687.91	\$913.80	\$3.14

Residential & Irrigation Gallonage Charge:

per 1,000 Gallons

0 - 4,000	\$3.47	\$4.88	\$0.02
Over 4,000 gallons	\$4.49	\$7.31	\$0.03

General Service (GS), Commercial Irrigation (CI)

Base Facility Charge by Meter Size:

5/8" x 3/4"	\$13.76	\$18.28	\$0.06
3/4"	\$20.64	\$27.41	\$0.09
1"	\$34.40	\$45.69	\$0.16
1-1/2"	\$68.79	\$91.38	\$0.31
2"	\$110.07	\$146.21	\$0.50
3"	\$220.13	\$292.42	\$1.00
4"	\$343.96	\$456.90	\$1.57
6"	\$687.91	\$913.80	\$3.14

Gallonage Charge, per 1,000 Gallons	\$3.80	\$5.33	\$0.02
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Private Fire Protection

Base Facility Charge by Meter Size:

2"	\$0.00	\$12.18	\$0.04
3"	\$0.00	\$24.37	\$0.08
4"	\$0.00	\$38.08	\$0.13
6"	\$0.00	\$76.15	\$0.26

Typical Residential Bills 5/8" x 3/4" Meter

3,000 Gallons	\$24.17	\$32.92	
5,000 Gallons	\$31.11	\$42.68	
10,000 Gallons	\$50.50	\$71.94	

Lakeside Waterworks, Inc.
Water Monthly Service Rates
Test Year Ended 06/30/16

Schedule No. 4-A
Docket No. 160XXX-WU

	Rates Prior to Filing	Utility Requested Final	4-year Rate Reduction
--	--------------------------------------	--	--------------------------------------

Residential Service (RS)

Base Facility Charge by Meter Size:

5/8" x 3/4"	\$13.76	\$18.28	\$0.06
3/4"	\$20.64	\$27.41	\$0.09
1"	\$34.40	\$45.69	\$0.16
1-1/2"	\$68.79	\$91.38	\$0.31
2"	\$110.07	\$146.21	\$0.50
3"	\$220.13	\$292.42	\$1.00
4"	\$343.96	\$456.90	\$1.57
6"	\$687.91	\$913.80	\$3.14

Residential & Irrigation Gallonage Charge:

per 1,000 Gallons

0 - 4,000	\$3.47	\$4.88	\$0.02
Over 4,000 gallons	\$4.49	\$7.31	\$0.03

General Service (GS), Commercial Irrigation (CI)

Base Facility Charge by Meter Size:

5/8" x 3/4"	\$13.76	\$18.28	\$0.06
3/4"	\$20.64	\$27.41	\$0.09
1"	\$34.40	\$45.69	\$0.16
1-1/2"	\$68.79	\$91.38	\$0.31
2"	\$110.07	\$146.21	\$0.50
3"	\$220.13	\$292.42	\$1.00
4"	\$343.96	\$456.90	\$1.57
6"	\$687.91	\$913.80	\$3.14

Gallonage Charge, per 1,000 Gallons	\$3.80	\$5.33	\$0.02
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Private Fire Protection

Base Facility Charge by Meter Size:

2"	\$0.00	\$12.18	\$0.04
3"	\$0.00	\$24.37	\$0.08
4"	\$0.00	\$38.08	\$0.13
6"	\$0.00	\$76.15	\$0.26

Typical Residential Bills 5/8" x 3/4" Meter

3,000 Gallons	\$24.17	\$32.92
5,000 Gallons	\$31.11	\$42.68
10,000 Gallons	\$50.50	\$71.94

Lakeside Waterworks, Inc.
Wastewater Monthly Service Rates
Test Year Ended 06/30/16

SCHEDULE NO. 4-B
Docket No. 160XXX-WU

	Rates Prior to Filing	Utility Requested Final	Four-year Rate Reduction
<u>Residential</u>			
Base Facility Charge All Meter Sizes:	\$13.21	\$14.61	\$0.05
Gallage Charge - Per 1,000 gallons (6,000 gallon cap)	\$6.24	\$10.57	\$0.04
<u>General Service</u>			
Base Facility Charge by Meter Size:			
5/8" x 3/4"	\$14.49	\$14.61	\$0.05
1"	\$21.74	\$21.91	\$0.07
1-1/2"	\$36.23	\$36.52	\$0.12
2"	\$72.47	\$73.05	\$0.25
3"	\$115.95	\$116.88	\$0.40
4"	\$231.89	\$233.75	\$0.79
6"	\$362.30	\$365.24	\$1.24
8"	\$724.67	\$730.47	\$2.47
Gallage Charge, per 1,000 Gallons	\$7.50	\$12.69	\$0.04
<u>Typical Residential Bills 5/8" x 3/4" Meter</u>			
3,000 Gallons	\$31.93	\$46.33	
5,000 Gallons	\$44.41	\$67.48	
10,000 Gallons	\$50.65	\$120.35	
(Wastewater Gallage Cap - 6,000 Gallons)			

Revenue Schedule at Present and Proposed Rates

Florida Public Service Commission

Lakeside Waterworks, Inc.
 Docket No. 160XXX-WU
 Test Year Ended 06/30/16
 Water [X] or Sewer []

Schedule: E-1w
 Page: 1 of 1
 Preparer: W T Rendell

Explanation: Provide a calculation of revenues at present and proposed rates using the billing analysis. Explain any differences between these revenues and booked revenues. If a rate change occurred during the test year, a revenue calculation must be made for each period.

Line No.	(1) Class/Meter Size	(2) Test Year Bills	(3) TY Cons in 1,000 gal.	(4) Test Year Rate	(5) Test Year Revenue	(6) Adjusted Bills	(7) Adjusted Cons	(8) Rate Prior to Filing	(9) Revenue at Rate Prior	(10) ProForma Block Cons	(11) Repressed Block Cons	(12) Proposed Rate/W/Rprsr	(13) Revenue at Rpsn Rates
1	Residential												
2	5/8" X 3/4"	2,085		12.59	26,244	2,085		13.76	28,683			18.28	38,105
3	3/4"	0		18.88	0	0		20.64	0			27.41	0
4	1"	71		31.47	2,234	71		34.40	2,442			45.69	3,244
5	1-1/2"	0		62.94	0	0		68.79	0			91.38	0
6	2"	0		100.71	0	0		110.07	0			146.21	0
7	3"	0		201.41	0	0		220.13	0			292.42	0
8	4"	0		314.71	0	0		343.96	0			456.90	0
9	Gallonge Charge, per 1,000 gallons												
10	0 - 4,000 gallons		4,407	3.17	13,970	0	4,407	3.47	15,292	0	4,407	4.88	21,506
11	Over 4,000 gallons		1,837	4.11	7,550	0	1,837	4.49	8,248	(246)	1,591	7.31	11,629
12					0		0		0	0	0		0
13	Total Residential	2,156	6,244		49,998	2,156	6,244		54,666	(246)	5,998		74,484
14	Average Bill				23.20				25.36				34.56
15													
16	General Service												
17	5/8" X 3/4"	12	0	12.59	151	12		13.76	165			18.28	219
18	3/4"	0		18.88	0	0		20.64	0			27.41	0
19	1"	0		31.47	0	0		34.40	0			45.69	0
20	1-1/2"	0		62.94	0	0		68.79	0			91.38	0
21	2"	0		100.71	0	0		110.07	0			146.21	0
22	3"	0		201.41	0	0		220.13	0			292.42	0
23	4"	0		314.71	0	0		343.96	0			456.90	0
24	6"	0		629.41	0	0		687.91	0			913.80	0
25	8"	0		-	0	0		-	0			1,462.09	0
26	Gallonge		397	3.48	1,382		397	3.80	1,509	397	397	5.33	2,116
27	Total General Serv	12	397		1,533	12	397		1,674	397	397		2,335
28	Average Bill				127.72				139.48				194.67
29													
30	Irrigation												
31	5/8" X 3/4"	0		-	0	0	NA	-	0			18.28	0
32	Gallonge Charge, per 1,000 gallons												
33	0 - 8,000 gal.	0		-	0	0	0	-	0	0	0	4.88	0
34	Over 8,000 gal.	0		4.11	0	0	0	-	0	0	0	7.31	0
35		0		-	0	0	0	-	0	0	0	-	0
36	Block 4	0		-	0	0	0	-	0	0	0	-	0
37	Total Irrigation	0	0		0	0	0		0	0	0		0
38	Average Bill				-				-				-
39													
40	Fire Protection												
41	2"	0	NA	-	0	0		-	0			12.18	0
42	3"	0	NA	-	0	0		-	0			24.37	0
43	4"	0	NA	-	0	0		-	0			38.08	0
44	6"	0	NA	-	0	0		-	0			76.15	0
45	8"	0	NA	-	0	0		-	0			121.84	0
46	10"	0	NA	-	0	0		-	0			175.15	0
47	Total Fire Protect	0	NA		0		NA		0	NA			0
48	Average Bill				-				-				-
49													
50	Subtot Billd Rev	2,168	6,641		51,531	2,168	6,641		56,339	151	6,395		76,820
51	Unbilled Revenues				0				0				-
52	Guaranteed Revenues				0				0				0
53	Misc. Service Charge				796				796				796
54	Adjustments to Customers				0				0				0
55	Tot Billed Rev				52,328				57,136				77,616
56	Booked Revenue per GL				59,676				59,676				77,616
###	Difference - Index				(7,349)		-12.3%		(2,541)		-4.3%		

**Gallons of Water Pumped, Sold and Unaccounted For
In Thousands of Gallons**

Florida Public Service Commission

**Lakeside Waterworks, Inc.
Docket No.**

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

Historical Test Year Ending June 30, 2016

Explanation: Provide a schedule of gallons of water pumped, sold and unaccounted for each month of the test year. The gallons pumped should match the flows shown on the monthly operating reports sent to DEP. The other uses may include plant use, flushing of hydrants and water and sewer lines, line breakages and fire flows. Provide all calculations to substantiate the other uses. If unaccounted for water is greater than 10%, provide an explanation as to the reasons why.

Line No.	Month	(1) Gallons Pumped	(2) Gallons Purchased	(3) Gallons Sold	(4) Other Uses	(5) Unaccounted For Water (1)+(2)-(3)-(4)	(6) % Unaccounted For Water
1	Jul-15	787,200	0	919,000	44,360	(176,160)	-22.4%
2	Aug-15	606,500	0	518,000	35,325	53,175	8.8%
3	Sep-15	575,300	0	482,000	33,765	59,535	10.3%
4	Oct-15	661,999	0	768,000	38,100	(144,101)	-21.8%
5	Nov-15	964,550	0	673,000	94,867	196,684	20.4%
6	Dec-15	686,800	0	641,000	36,730	9,070	1.3%
7	Jan-16	598,817	0	653,000	40,941	(95,124)	-15.9%
8	Feb-16	670,300	0	555,000	36,385	78,915	11.8%
9	Mar-16	779,899	0	590,000	43,435	146,464	18.8%
10	Apr-16	1,061,300	0	790,000	54,565	216,735	20.4%
11	May-16	1,138,400	0	899,000	59,570	179,830	15.8%
12	Jun-16	836,400	0	749,000	42,920	44,480	5.3%
13							
14	TOTAL	9,367,465	0	8,237,000	560,962	569,503	6.1%

**Gallons of Wastewater Treated & Unaccounted For
In Thousands of Gallons**

Florida Public Service Commission

**Lakeside Waterworks, Inc.
Docket No.**

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

Historical Test Year Ending June 30, 2016

Explanation: Provide a schedule of gallons of wastewater treated by individual plant for each month of the historical test year. Flow data should match the monthly operating reports sent to DEP.

Line No.	Month	(1)	(2)	(3)	(4)	(5)	(6)
		STP#1	(Name)	(Name)	(Name)	Total Plant Flows	Total Purch. Sewage Treatment
1	Jul-13	260,400				260,400	
2	Aug-13	231,000				231,000	
3	Sep-13	223,000				223,000	
4	Oct-13	218,000				218,000	
5	Nov-13	322,800				322,800	
6	Dec-13	608,000				608,000	
7	Jan-14	338,300				338,300	
8	Feb-14	245,000				245,000	
9	Mar-14	412,700				412,700	
10	Apr-14	291,000				291,000	
11	May-14	227,000				227,000	
12	Jun-14	223,000				223,000	
13	Total	3,600,200	0	0	0	3,600,200	0

Water Treatment Plant Data

Florida Public Service Commission

Lakeside Waterworks, Inc.
Docket No.
Historical Test Year Ending June 30, 2016

Schedule: F-3
 Page: 1 of 1
 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:		
2	Well #1 - (75 gpm X 16 hrs X 60 min) per Rule 25-30.4325(6)(b), F.A.C.		180,000
3	Well # 2 - (75 gpm X 16 hrs X 60 min) per Rule 25-30.4325(6)(b), F.A.C.		259,200
1	The hydraulic rated capacity. If different from that shown on the DEP operating or construction permit, provide an explanation.		
2	Firm Reliable Capacity - excluding largest well. (Rule 25-30.4325(6), Florida Administrative Code)		180,000
3	Maximum Day:	05/20/16	100,000
4	The single day with the highest pumpage rate for the test year. Explain, on a separate page,		
5	if fire flow, line-breaks or other unusual occurrences affected the flow this day.		
6	Five-Day Max Year:	Day	
7	The five days with the highest pumpage rate from any one month in the test year.	1 5/1/2016	71,300
8	Provide an explanation if fire flow, line-breaks or other unusual occurrences affected the flows on these days.	2 5/6/2016	60,400
		3 5/2/2016	48,300
		4 5/26/2016	42,100
		5 5/20/2016	100,000
			<u>64,420</u>
9	Average Daily Flow		25,664
10	Required Fire Flow		500
11	The standards will be those as set by the Insurance Service Organization or by a		
12	governmental agency ordinance. Provide documents to support this calculation.		

Sewer Treatment Plant Data

Lakeside Waterworks, Inc.
Docket No.
Historical Test Year Ending June 30, 2016

Florida Public Service Commission

Schedule: F-4
 Page: 1 of 1
 Preparer: W T Rendell

Explanation: Provide the following information for each sewer treatment plant. If the system has sewer 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) Month	(3) GPD
1	Plant Capacity: (New Plant 15,000 gpd TMADF) The hydraulic rated capacity. If different from that shown on the DEP operating or construction permit, provide an explanation.		<u>15,000</u>
2	Annual Average Daily Flow (TMADF) An average of the daily flows during the peak usage month during the test year. Explain, on a separate page, if this peak month was influenced by abnormal infiltration due to rainfall periods.	<u>Dec - Jan - March</u>	<u>14,613</u>

Used and Useful Calculations
Water Treatment Plant

Florida Public Service Commission

Lakeside Waterworks, Inc.
Docket No.
Historical Test Year Ending June 30, 2016

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

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)
-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------

WELLS - 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	100,000	1.18	-	60,000	178,184	180,000	439,200	180,000	98.99%	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 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.											
5												

STORAGE

	Average 5 Max Day Demand	Reliable Storage	Bottom Drain	Max Day (GPD)	Margin Reserve Ratio	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
6											
7	100 % Used and Useful - see Order No. PSC-15-0013-PAA-WS										

**Used and Useful Calculations
Sewer Treatment Plant**

Lakeside Waterworks, Inc.
Docket No.
Historical Test Year Ending June 30, 2016

REVISED Schedule: F-6
Page: 1 of 1
Preparer: W T Rendell

Explanation: Provide all calculations, analyses and governmental requirements used to determine the used and useful percentages for the sewer 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)
Line No.	Average Daily Demand (GPD)	Treated (GPD)	I&I%	Excess I&I (GPD)	Margin Reserve Ratio	Adjusted Average Daily Demand (GPD)	Plant Capacity (GPD)	Treatment U&U Calculated	Treatment U&U Used		
1	14,613	9,864	0.00%	-	-	14,613	15,000	97.42%	97.42%		
2											

**Used and Useful Calculations
Water Distribution and Sewer Collection Systems**

Florida Public Service Commission

Lakeside Waterworks, Inc.
Docket No.
Historical Test Year Ending June 30, 2016

Schedule: F-7
Page: 1
Preparer: W T Rendell

Explanation: Provide all calculations, analyses and governmental requirements used to determine the used and useful percentages for the water distribution and wastewater collection systems for the historical test year and the projected test year (if applicable). The capacity should be in terms of ability to serve a designated number of connections. It should then be related to actual connected density for historical year calculations. Explain all assumptions for projected calculations. If the distribution and collection systems are entirely contributed or built-out, this schedule is not required.

Line No.	(1) Test Year Connections	(2) Growth Factor	(3) Trended 2016 Cust	(4) Lots Fronting Mains	(4) U&U as Calculated
----------	---------------------------------	-------------------------	-----------------------------	-------------------------------	-----------------------------

Water

1 Built Out - 100% Used and Useful - See Order No. PSC-15-0013-PAA-WS

Sewer

2 Built Out - 100% Used and Useful - See Order No. PSC-15-0013-PAA-WS

INCIDENT REPORT

Report can be submitted to José de Pedro by email at Jose.dePedro@dep.state.fl.us or by fax at (850) 412-0740

PWS ID: 335-4028 PWS Name: Shangri La by the Lake

Contact Person: Melisa Rotteveel Phone: 866-753-8292 ext. 207

Date: 04/13/15 Time: 12:30 am Was the event a planned outage, or a malfunction?

Time water system was/is expected to be back in service: Time: service was not interrupted pressure did not drop below 30 psi

Situation was reported to:

DEP Date: 04/13/15 Time: 1830 Person Contacted: Barbara Browning (email)

Health Dept. Date: _____ Time: _____ Person Contacted: _____

Other Date: _____ Time: _____ Person Contacted: _____

Location of trouble: North Well @ Shangri La By The Lake

If material failure, give a (complete as possible) description of the material(s) including size, type, any available manufacturing information shown on the failed product. If known, include cause of failure:

North Well

Statement of trouble: Emergency call received for discolored water at 1230 am on 04/13/2015. Upon arrival to the site and further investigation, it was found that the North well was not pumping to capacity and has possibly collapsed. A well driller has been contracted to investigate further. The Maintenance manager was able to get the system operating and flushed with the south well. Two clearance samples were collected today following flushing activities. Curerntly the system is operating normally with the South well.

Corrective action: System is currently operating normally on South Well. Well driller has been contracted to further investigate problem with North Well.

Number of customers affected: n/a

Were customers notified? Yes No Explain no loss of system pressure was experienced

Was a precautionary boil water notice issued? Yes No

Was water line flushed and chlorine residual restored prior to placing back into service? n/a

Were bacteriological samples taken? Yes No Location taken: distribution

If a Precautionary Boil Water Notice was issued, please attach or submit together with this report. Bacteriological reports (2 days) as well as a rescission notice must follow.

Additional remarks: _____



Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

April 15, 2016
Sent by Email

Ron Derossett, Facility Manager
Lakeside Waterworks, Inc
4939 Cross Bayou Boulevard
New Port Richey, FL 34652
rderossett@uswatercorp.net

DEP File No. 0080550-006-WC
County: Lake
Lakeside Waterworks, Inc
PWS ID 3354028
Total clearance for: Lakeside Waterworks
Replacement Well WR-1-Equip and Connect

Dear Mr. Derossett:

This letter acknowledges receipt of your engineer's March 21, 2016 certification that the subject water treatment plant modification is completed in accordance with the FDEP Permit Number 0080550-006-WC dated February 4, 2016, and the related plans and materials. The engineer submitted information to demonstrate that satisfactory pressure and bacteriological tests were conducted for the system in accordance with the AWWA Standards. The utility and/or the owner/operator of the system is entirely responsible for the water's microbiological quality at the point and time it reaches the consumer's meter, and must ensure the water quality is representative of these certified bacteriological test results. The project is located at 100 Shangri-La Boulevard in Leesburg, Florida.

This clearance is to equip and connect replacement Well WR1 to the Shangri-La by the Lake Utilities, Inc. Water Treatment Plant (WTP). This new well replace existing Well No. 1.

The rated design capacity of the water treatment plant will not change. The plant is Category V Class D WTP with a rated design capacity of 180,000 GPD. Accordingly, staffing is by Class D or higher operator: 3 visits per week on nonconsecutive days for a total of 0.3 hour/week. [F.A.C. Rule 62-699.310].

- An 8-inch Well No. WR1 completed on September 24, 2015 under Permit Number 142708 from SJRWMD by the rotary method to a depth of 397 feet, with 12-inch black steel surface casing to from 0 feet to 222 feet, 8-inch primary black steel casing from 0 feet to 247 feet and open hole from 247 feet to 397 feet. Static water level was reported at 11 pumping water level was reported at 31 feet after One hour at 450 gallons per minute (GPM)

As per the well completion report the well location coordinates are: Latitude 28°51'43.71" N., Longitude 81°45'09.15"W.

Components Included in this Clearance:

- An existing 10 horsepower (HP) submersible pump with a rated design capacity of 280 GPM at 130 feet Total Dynamic Head (TDH)
- The above-ground installation piping and piping to the first isolation valve.
- Associated six-inch raw water main from Well WR1 with valves, fittings, controls and appurtenances to the existing 6-inch raw water main connected to the water treatment plant.
- A six-foot security fence.

This constitutes the total clearance for Permit No. 0080550-006-WC. No additional clearances or construction activities are allowed under this permit. This letter of clearance does not preclude your need to obtain approvals as required by other entities.

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION



Caroline Shine, Environmental Administrator
Drinking Water/Environmental Resource Permitting
Permitting and Waste Cleanup Program
FDEP, Central District
(407) 897-2927

CDS/jym

cc: Mohammed Y Kader., P. E., U.S. Water Services Corporation [mkader@uswatercorp.net]
Wanda Parker-Garvin, FDEP [Wanda.Parker@dep.state.fl.us]
Jill Farris, FDEP, [jill.farris@dep.state.fl.us]
Shabbir Rizvi, FDEP [shabbir.rizvi@dep.state.fl.us]
Javed Mayet, FDEP [javed.mayet@dep.state.fl.us]
Mala Choksi, FDEP [Mala.Choksi@dep.state.fl.us]

U.S. Water[®]

Servicos Corporation

4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Invoice #	830789
Date	5/31/2016
Due Date	7/3/2016
Account #	2535
P.O. No.	

Bill To
Lakeside 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 costs incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project
2535-59 Install WW Compressors both HTank

Date	Description	Qty or Hrs	Unit	Rate	Amount
5/13/2016	Install new Whitewater Compressors on both existing Hydro tanks. Removed old sight glass and piping and built a new assembly. Once assembled, installed new Whitewater compressor on top and installed wiring for electrical. Tested operation of systems.				
	Labor	9	Hours	57.91	521.19
	Labor	2	Hours	52.01	104.02
	Materials to Complete Scope of Service - White water units, brass parts for Whitewater units.	1	LS	3,704.06	3,704.06

OK @
COA # 330
330
6-6-16

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

Total \$4,329.27

Payments/Credits \$0.00

Balance Due \$4,329.27

Phone #	Email Contact
7278488292285	mvinyard@uswatercorp.net

U.S. Water[®]

Services Corporation

4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Invoice #	827918
Date	4/1/2016
Due Date	5/1/2016
Account #	2535
P.O. No.	

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

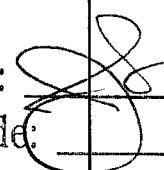
All service pricing anticipates payment by Check or ACH. Due to additional costs incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project
2535-53 Repair 4" watermain Taiwan Island

Date	Description	Qty or Hrs	Unit	Rate	Amount
12/2/2015	Emergency call. Repair 4" watermain at 178 Taiwan Island Road, under home causing damage to area. Shut off water and found a 5' x 5' hole under home. Hand excavated on both sides of house. Had no access due to home setting low and trapped valve to return water service. Installed temporary service to homes until water main is replaced. Rerouted 4" water main around house and ran new 4" pipe.				
	Tradesman	62.5	Hours	57.91	3,619.38
	Maintenance Technician	62.5	Hours	52.01	3,250.63
	Maintenance Technician	62.5	Hours	52.01	3,250.63
	Materials to Complete Scope of Service	1	LS	1,973.17	1,973.17
	18% Markup on Materials	1	LS	355.17	355.17

OK@
COA # 331
4-18-16

ck# 1295 ←
6/20/16
(\$4948.98)

Entered: 
COA Code: _____
Approved: _____
Paid: ck# 1286 (\$7500-)
Date: 4/19/16

Please remit payment to the above address. We appreciate your business!	Total	\$12,448.98
---	--------------	-------------

Phone #	Email Contact
7278488292285	mvinyard@uswatercorp.net

Payments/Credits	\$0.00
Balance Due	\$12,448.98

U.S. Water[®] Services Corporation

4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Invoice #	827917
Date	4/1/2016
Due Date	5/1/2016
Account #	2535
P.O. No.	



Bill To
Lakeside 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 costs incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project
2535-54 New well #1

Date	Description	Qty or Hrs	Unit	Rate	Amount
2/15/2016	Replaced well #1 and installed new well.				
	Tradesman	37	Hours	57.91	2,142.67
	Maintenance Technician	37	Hours	52.01	1,924.37
	Maintenance Technician	37	Hours	52.01	1,924.37
	Materials to Complete Scope of Service	1	LS	1,016.79	1,016.79
	18% Markup on Materials	1	LS	348.12	348.12
2/23/2016	Installed new fence around new well and cleaned up area.				
	Tradesman	8	Hours	57.91	463.28
	Maintenance Technician	8	Hours	52.01	416.08
	Fence	1	LS	606.00	606.00
	18% Markup on Materials	1	LS	109.08	109.08

*OK
Well #1 Replaced
COA # 307
5-2-16*

Entered: 
COA Code: 
Approved: _____
Paid: OK # 1295
Date: 6/20/16

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

Total	\$8,950.76
Payments/Credits	\$0.00
Balance Due	\$8,950.76

Phone #	Email Contact
7278488292285	mvinyard@uswatercorp.net

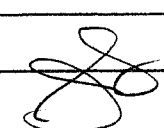
C.W.D.I., Inc. dba Citrus Well Drilling

P.O. Box 369
 Hernando, FL 34442
 Phone 352-726-5454
 Fax 352-726-8788

INVOICE

Date	Invoice #
11/5/2015	17361

Bill To
 Lakeside Waterworks Inc.
 4939 Cross Bayou Blvd
 New Port Richey, FL 34652
 Voice: 727-848-8292
 Fax: 727-848-7701 E

Ship To _____
 Shangri-La
 8" well
 Entered: 
 COA Code: _____
 Approved: _____
 Paid: _____
 Date: _____

P.O. Number	Terms	Due Date	Rep	Ray & Todd's Cell Numbers	
	Good for 30 days	11/5/2015	RT	Ray's 352-302-1481	Todd's 352-302-2348

Qty	Item	Description	Price	Amount
1	wd mob	Mobilization of equipment to well site	3,285.00	3,285.00
1	XP 1112	SJRWMD Permitting for a public supply well	260.00	260.00
1	DS 1012	12" drive shoe	980.00	980.00
221	wd 1201	Feet of 12" pipe cased and drilled @ 98.00 per ft.	98.00	21,658.00
26	wd 1202	Feet of 12" drilling below casing @ 68.00 per ft.	68.00	1,768.00
1	DS 1008	8" drive shoe	425.90	425.90
247	wd 0801	Feet of 8" pipe installed @ 59.00 per ft.	59.00	14,573.00
86	wd gr10	Bags of cement grout pumped around 8" casing	39.00	3,354.00
150	wd 0802	Feet of 8" drilling below casing @ 48.00 per ft.	48.00	7,200.00
1	wd tp 201	Test pump set up and removal for 600 gpm	3,450.00	3,450.00
39	wd tp 202	Hours of test pump operation @ 245.00 per hour	245.00	9,555.00
2	gen	Use of generator for test pump operation @ 345.00 per day ESTIMATED two days (NO ADDITIONAL CHARGE FOR ADDITIONAL DAYS)	345.00	690.00
1	NFI	reinstall the existing pump in the new well/ weld large threaded exit for #4 wire on the side of the casing	1,450.00	1,450.00
1	NFI	geophysical logging (to be performed prior to the removal of the test pump) All Water sampling, concrete work, Pipeline, and Electric to be done by others	4,850.00	4,850.00

Please note: due to the sanding issue at 399' the well was stopped and plugged to 397'. It is imperative the flow rate run not to exceed 350 gpm. I would also recommend a "Y" strainer for any minor amount of sand that may be present. The rear well exceeds 260 on the meter when in operation. At this time the current pump is pulling high amps. This pump is in need of replacement. I would recommend a design point of 325-350 gpm for the replacement when done.

Total \$73,498.90

COA # 307

OK @ # 2535-54 well #1 Replacement

@ 11-19-15

Daily Commercial

Advertising Receipt

The Daily Commercial
 PO Box 490007
 Leesburg, FL 34749-0007
 Phone: (352) 365-8200
 Fax: (352) 365-1951

Lakeside Waterworks, Inc.
 Ron DeRossett
 4939 Cross Bayou Blvd.
 New Port Richey, FL 34652

Account Number: 10009041
 Order Number: 10037108
 Phone: (727) 848-8292
 Date: 08/04/15
 Ad Taker: liana davis

Ad Classification: LEGAL NOTICES

Description	Start	End	Total
NOTICE OF AGENCY ACTION TAKEN BY THE ST. JOHNS RIVER WATER M	08/05/2015	08/05/2015	\$221.31

NOTICE OF AGENCY ACTION TAKEN BY THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

Notice is given that the following permit was issued on July 27, 2015:

Lakeside Water Works, Inc., 4939 Cross Bayou Blvd., New Port Richey, FL 34652, permit# 7681-8. The project is located in Lake County, Section 6, Township 19S South, Range 26 East. The permit authorizes a surface water management system on 3 acres for Replacement of Community Water System Well known as Lakeside WW. The receiving water body is N/A.

A person whose substantial interests are or may be affected has the right to request an administrative hearing by filing a written petition with the St. Johns River Water Management District (District). Pursuant to Chapter 28-106 and Rule 40C-1.1007, Florida Administrative Code (F.A.C.), the petition must be filed (received) either by delivery at the office of the District Clerk at District Headquarters, P.O. Box 1429, Palatka, FL 32178-1429 (4049 Reid St, Palatka, FL 32177) or by e-mail with the District Clerk at Clerk@sjrwm.com, within twenty-one days of newspaper publication of the notice of District decision (for those persons to whom the District does not mail or email actual notice). A petition must comply with Sections 120.54(5)(b)4, and 120.569(2)(c), Florida Statutes (F.S.), and Chapter 28-106, F.A.C. The District will not accept a petition sent by facsimile (fax). Mediation pursuant to Section 120.573, F.S., may be available and choosing mediation does not affect your right to an administrative hearing.

A petition for an administrative hearing is deemed filed upon receipt of

the complete petition by the District Clerk at the District Headquarters in Palatka, Florida during the District's regular business hours. The District's regular business hours are 8 a.m. - 5 p.m., excluding weekends and District holidays. Petitions received by the District Clerk after the District's regular business hours shall be deemed filed as of 8 a.m. on the District's next regular business day. The District's acceptance of petitions filed by e-mail is subject to certain conditions set forth in the District's Statement of Agency Organization and Operation (issued pursuant to Rule 28-101.001, Florida Administrative Code), which is available for viewing at floridaswater.com. These conditions include, but are not limited to, the petition being in the form of a PDF or TIFF file and being capable of being stored and printed by the District. Further, pursuant to the District's Statement of Agency Organization and Operation, attempting to file a petition by facsimile (fax) is prohibited and shall not constitute filing.

The right to an administrative hearing and the relevant procedures to be followed are governed by Chapter 120, Florida Statutes, Chapter 28-106, Florida Administrative Code, and Rule 40C-1.1007, Florida Administrative Code. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means the District's final action may be different from the position taken by it in this notice. Failure to file a petition for an administrative hearing within the requisite time frame shall constitute a waiver of the right to an administrative hearing. (Rule 28-106.111, F.A.C.).

If you wish to do so, please visit http://floridaswater.com/nor_dec/ to read the complete Notice of Rights to determine any legal rights you may

have concerning the District's decision(s) on the permit application(s) described above. You can also request the Notice of Rights by contacting the Director of Regulatory Support, 4049 Reid St., Palatka, FL 32177-2529, tele. no. (386) 329-4570.

Ad No: 10037108
 August 05, 2015

*Acct. 307
 New well
 8-12-15*

Entered: _____
 COA Code: _____
 Approved: _____
 Paid: ck# 1246
 Date: 8/20/15

Payment Info	
Ad Price	\$221.31
Tax	\$0.00
Sub Total	\$221.31
Prepaid Amount	\$221.31
Balance Due	\$0.00

U.S. Water[®]

Services Corporation

4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Invoice

Invoice #	814525
Date	7/28/2015
Due Date	8/27/2015
Account #	2535
P.O. No.	

Bill To
Lakeside 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 costs incurred, services paid by credit card will require an additional "pass through" 3% processing fee in order to be accepted.

Project
2535-50 WW Well Collapsed Work

Date	Description	Qty or Hrs	Unit	Rate	Amount
6/18/2015	Well Collapsed Work. Crane with certified operator and service man to remove pump from well and install test pump and meter for further testing and analysis; fabricated a tool for the retrieval of the well obstruction to fish the well obstruction. Ran well camera to locate the current condition of the well obstruction. Removed the well seal/top piece of pipe and ran static video. Fabricated fishing tool for retrieval outside the pipeDrill rig and two men to attempt to open up the bore hole to provide clean water. Materials and Labor to Complete Scope of Service	1	LS	17,067.50	17,067.50

OK
COA # 307
(R)
7-31-15

Entered: _____
COA Code: _____
Approved: _____
Paid: _____
Date: _____

CR# 1246. 8/20/15. \$7,500-

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

Phone #	Fax #
727-848-8292	727-848-7701

Total	\$17,067.50
Payments/Credits	\$0.00
Balance Due	\$17,067.50

C.W.D.I., Inc. dba Citrus Well Drilling

P.O. Box 369
 Hernando, FL 34442
 Phone 352-726-5454
 Fax 352-726-8788

System ID: U.S. Water Services
 Acct: 5020.1 Total: 17,067.50
 Job No.: 2535.50 Class: M 6
 Billable: Non-Billable:
 Aprvd: _____ Date: _____
 Entrd: ce Date: 6/25/15

INVOICE

Date	Invoice #
6/18/2015	16848

Bill To			Ship To		
US Water Services Corp. 4939 Cross Bayou Blvd New Port Richey, FL 34652 Voice: 727-848-8292 Fax: 727-848-7701 E			Shangri-La 8" well		
P.O. Number	Terms	Due Date	Rep	Ray & Todd's Cell Numbers	
2535-50	Due on receipt	6/18/2015	TJT	Ray's 352-302-1481	Todd's 352-302-2348
Qty	Item	Description		Price	Amount
8	LA 0002	May 04-05, 2015 Estimate # 7507 Hours of service labor for Crane with Certified Operator and service man to remove pump from well and install test pump and meter for further testing and analysis (actual 10.0 hrs)		185.00	1,480.00
7	LA 0002	Hours of service labor for Crane with Certified Operator and service man to install and remove pump from well to assist in analysis		185.00	1,295.00
1	NFI	bill for ABS for the video portion only (zero mark up on this invoice)		900.00	900.00
2.5	NFI	May 12, 2015 Estimate # 7508 hours of shop time to fabricate a tool for the retrieval of the well obstruction (actual time 4.0 hours)		85.00	212.50
8	LA crane	Hours of service labor for Crane with Certified Crane Operator and 1 service man with truck to attempt to fish the well obstruction		185.00	1,480.00
1	NFI	May 15, 2015 Estimate # 7512 run well camera to locate the current condition of the well obstruction		900.00	900.00
6.5	LA 0001	Hours of service labor for hoist truck and two men to remove the well seal/ top piece of pipe and run static video		145.00	942.50
0.5	NFI	May 19, 2015 Estimate # 7524 shop time to fabricate fishing tool for retrieval outside the pipe		85.00	42.50
1	NFI	MOB well camera to assist in the fishing trip **discounted for second use on the same site**		650.00	650.00
8	LA 0002	Hours of service labor for Crane with Certified Operator and service man to fish out obstructions (actual time over 10.0 hours)		185.00	1,480.00
1	wd mob	June 15-17, 2015 Estimate # 7539 Mobilization of equipment to well site (includes drill rig, loader, 8" tooling, reverse circulation set, and reverse circulation consumables)		3,285.00	3,285.00
16	NFI	hours of drill rig time (drill rig and two men) to attempt to open up the bore hole to provide clean water (actual time over 20.0 hours)		275.00	4,400.00
1	NFI	MOB camera for static video (well heaved in overnight up to 196 feet)		0.00	0.00
				Total	\$17,067.50

OK
 Lakeside ww
 well (collapsed) work



Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

November 24, 2015

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

Re: Compliance Assistance Offer
Lakeside Waterworks WWTF aka Shangri-La by the Lake WWTF
DW Facility ID # FLA010521
Lake County

Dear Mr. Deremer:

An inspection was conducted at your facility on October 13, 2015, under the authority of Section 403.091, Florida Statutes (F.S.). During this inspection, possible violations of Chapter 403, F.S., Chapter 62-620, Florida Administrative Code (F.A.C.), and Permit Condition I.A.3, were observed. The purpose of this letter is to offer you compliance assistance as a means of resolving these matters.

Please see the attached inspection report for a full account of Department observations and be advised this Compliance Assistance Offer is part of an agency investigation preliminary to agency action in accordance with Section 120.57(5), F.S. We request you review the items of concern noted in the attached inspection report and respond in writing within **15 days** of receipt of this Compliance Assistance Offer. Your written response should either:

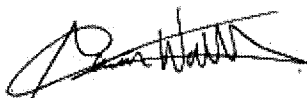
1. Describe what you have done to resolve the issue (see "Recommendations for Corrective Action" section of the report)
2. Provide information that either mitigates the concerns or demonstrates them to be invalid, or
3. Arrange for one of our inspectors to visit your facility to offer suggested actions to return to compliance without enforcement.

It is the Department's desire that you are able to document compliance or corrective actions concerning the possible violations identified in the attached inspection report so that this matter can be closed without enforcement. Your failure to respond promptly in writing (or by e-mail) may result in the initiation of formal enforcement proceedings.

Lakeside Waterworks WWTF aka Shangri-La by the Lake WWTF; Facility ID No.:FLA010521
Compliance Assistance Offer
Page 2 of 2
November 24, 2015

Please address your response and any questions to Debra Knight of the Central District Office at (407) 897-4171 or via e-mail at Debra.Knight@dep.state.fl.us. We look forward to your cooperation with this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Aaron Watkins".

Aaron Watkins, Assistant Director
Central District
Florida Department of Environmental Protection

AW/wpg/dlk

Enclosures: Inspection Report (with attachments)

cc: Ron DeRossett, U.S. Water, rderossett@uswatercorp.net

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

@ = Optional

Name and Physical Location of Facility Lakeside Waterworks WWTF aka Shangri-La by the Lake WWTF 100 Shangri-La Boulevard Leesburg, Florida 34788	WAFR ID: FLA010521	County Lake Phone	Entry Date/Time 10/13/2015 @ 11:00 AM @ Exit Date/Time 10/13/2015 @ 12:15 pm
Name(s) of Field Representatives(s) Joseph Byk Ron DeRossett US Water	Title Operator Utility Manager	Email <u>RDeRossett@uswatercorp.net</u>	Phone 904-540-9765
Name and Address of Permittee or Designated Representative Gary Deremer Lakeside Waterworks Inc. 4939 Cross Bayou Blvd New Port Richey, FL 34652	Title President	Phone 866-753-8292 Email <u>gderemer@uswatercorp.net</u>	@ Operator Certification #

Inspection Type:	<input type="checkbox"/> C	<input type="checkbox"/> E	<input type="checkbox"/> I	<input type="checkbox"/>	Samples Taken(Y/N): N	@ Sample ID#: N/A	Samples Split (Y/N): Y
<input checked="" type="checkbox"/> Domestic	<input type="checkbox"/> Industrial				Were Photos Taken(Y/N): Y	@ Log book Volume : VII	@ Page 36 - 37

FACILITY COMPLIANCE AREAS EVALUATED

IC: In Compliance; MC: Minor Out of Compliance; NC: Out of Compliance SC: Significant Non-Compliance;

NA: Not Applicable; NE or Blank: Not Evaluated

Significant Non-Compliance Criteria Should be Reviewed When Out of Compliance Ratings Are Given in Areas Marked by a "♦"

	PERMITS/ORDERS		SELF MONITORING PROGRAM		FACILITY OPERATIONS		EFFLUENT/DISPOSAL
IC	1. ♦ Permit	NE	3. Laboratory	IC	6. Facility Site Review	NC	9. ♦ Effluent Quality
IC	2. ♦ Compliance Schedules	NE	4. Sampling	NC	7. Flow Measurement	NC	10. ♦ Effluent Disposal
		MC	5. ♦ Records & Reports	NC	8. ♦ Operation & Maintenance	IC	11. Biosolids/Sludge
						NA	12. Groundwater
NE	14. Other:					NA	13. SSO Survey

Facility and/or Order Compliance Status: <input type="checkbox"/> In-Compliance <input checked="" type="checkbox"/> Out-Of-Compliance <input type="checkbox"/> Significant-Out-Of-Compliance
Recommended Actions: Compliance Assistance Offer

Name(s) and Signature(s) of Inspector(s) Debra L. Knight <i>Debra L Knight</i>	District Office/Phone Number 407-897-4171	Date November 13, 2015
@ Signature of Reviewer Wanda Parker-Garvin <i>Wanda Parker Garvin</i>	District Office/Phone Number 407-897-2934	Date November 20, 2015

Single Event Violation Code(s): _____

INSPECTION REPORT SUMMARY

Facility Name: Lakeside Waterworks WWTF aka Shangri-La by the Lake WWTF
Facility ID: FLA010521
Inspection Type: CEI
Inspection Date: 10/13/2015

FACILITY BACKGROUND:

Facility Address: 100 Shangri-La Boulevard, Leesburg, FL 34788, Lake County

Program/ Permit Information: DW, permit issue date: 09/01/2011, expiration date: 09/28/2016

Treatment Summary: A step aeration activated sludge domestic wastewater treatment facility consisting of aeration, secondary clarification, chlorination, and aerobic digestion of biosolids. Treated effluent is disposed by means of a slow-rate restricted public access system consisting of a sprayfield and a rapid infiltration basin for wet weather conditions.

Permitted Capacity: 0.050 mgd

1. **Permit:** RATING – In-Compliance

1.1 **Observation:** A copy of the permit was onsite and available to plant personnel.

2. **Compliance Schedules:** RATING – In-Compliance

2.1 **Observation:** Please note that per Permit Condition V.1: If the permittee wishes to continue operation of this wastewater facility after the expiration date of this permit, the permittee shall submit an application for renewal no later than one-hundred and eighty days (180) prior to the expiration date of this permit (April 1, 2016).

3. **Laboratory:** RATING – Not Evaluated

4. **Sampling:** RATING – Not Evaluated

5. **Records and Reports:** RATING – Minor Out-of-Compliance

Deficiency Description:

5.1 The following deficiencies were noted during a review of the August 2014 through September 2015 DMRs

- a. **CBOD Monthly Average for December 2014 was not reported.**
- b. **The quarterly data for the 1st quarter of 2015 was not submitted to the Department.**
- c. **The Fecal Coliform result reported on April 2015 DMR Part A (37) does not match the result reported on Part B.**

On October 22, 2015 Mr. Dermer of Lakeside Waterworks/ US Water Corp and Mr. Derossett of U.S. Water were contacted about these deficiencies. On 10/27/2015 Mr. Derossett emailed the Department stating that the U.S. Water's compliance department would submit corrected reports. On November 4, 2014, Elizabeth Krahmer of U.S. Water, notified the Department that the EzDMRs had been corrected.

Permit/Rule or Other Reference:

5.1 The following rule pertains the deficiencies listed above.

a. – c. **Permit Condition I.B.7:** During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e., monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit.

Recommendation for Corrective Action:

5.1 No further action required as the EzDMR's have been corrected.

5.2 Observation: *General* - A copy of the Operation and Maintenance Manual was available to plant personnel.

5.3 Observation: *General* - Operators' certifications were available on-site and were found to be current.

5.4 Observation: *General* - The certified operator's daily logbook was complete.

Additional Comments: The logbook was bound and contained sufficient operation and maintenance entries.

Additional Comments: The required operational site time was met.

5.5 Observation: *General* - The quarterly effluent Total Nitrogen and Total Phosphorus samples have been collected as required.

5.6 Observation: *General* - The annual influent results for were collected in February 2015.

5.7 Observation: *Backflow Prevention* - A reduced pressure zone backflow prevention device was in place on the potable water supply line.

Additional Comments: The RPZ was last tested on December 30, 2014 by US Water.

6. Facility Site Review: RATING – In-Compliance

6.1 Observation: *General* - The facility grounds were secured properly.

6.2 Observation: *Aeration Basins/Act. Sludge* - The contents in the aeration chambers appeared to be adequately mixed.

Additional Comments: The 3 lift stations pump influent directly into the aeration tank.

Additional Comments: The mixed liquor appeared to be dark brown in color

6.3 Observation: *Blowers/Motors* - The blowers was operational at the time of the inspection.

Additional Comments: The two blower's onsite were covered with belt guards.

6.5 Observation: *Clarifiers* –It was observed that the clarifiers appear new. Pictures were taken of the inside of the clarifiers as they were not accessible. The effluent appeared clear, however grease balls and debris were observed.

6.6 Observation: *Disinfection* -Sodium Hypochlorite is used for disinfection at this facility. The effluent in the chlorine contact chambers (CCC) was not inspected due to access issues. Sodium Hypochlorite was added to both CCC's

6.7 Observation: *Effluent Pump Station* – The pump station to the sprayfield was working properly and appeared in good condition.

6.8 Observation: *Digester* – There was room for wasting.

7. Flow Measurement: RATING – Out-of-Compliance

Deficiency Description:

7.1 **The current flow calibration certificates for the effluent flow meter was not onsite.** On October 22, 2015 Mr. Deremer and Mr. Rossett were notified by email regarding the deficiencies observed during the inspection. No response was received regarding this deficiency.

Permit/Rule or Other Reference:

7.1 **Permit Condition Part I.A.3:** A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months.

Recommendation for Corrective Action:

7.1 **Please documentation of the flow meter calibration within 15 days of receipt of this letter.**

8. **Operation and Maintenance:** RATING – Out-of-Compliance

Deficiency Description:

8.1.1 **The following conditions were observed at the facility during the inspection.**

- a. **Facility grounds were found to be poorly maintained.**
- b. **The Clarifiers and Chlorine Contact Chambers were not accessible due to high vegetation.**
- c. **Vegetation was observed growing into the facility.**
- d. **Debris that was removed from the facility was observed drying on the catwalk.**

On October 22, 2015 Mr. Dermer of Lakeside Waterworks/ US Water Corp and Mr. Derossett of U.S. Water were contacted about these deficiencies. On 10/27/2015 Mr. Derossett emailed the Department photographic verification that the heavy vegetation had been removed from the facility on October 23, 2015, and the debris on the catwalk had been removed.

Permit/Rule or Other Reference:

8.1.1 **Chapter 62-620.610(7):** The permittee shall at all times 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.

Recommendation for Corrective Action:

8.1.1 **No further action required as the facility grounds have been mowed and the vegetation removed from the facility.**

Deficiency Description:

8.1.2 **The following structural issues were observed at the facility.**

- a. **Catwalk corrodes in places**
- b. **Bulkhead between the aeration tank and the digester is bowed and separated from the supports. The transfer pipe is between the aeration tank and the digester is loose.**
- c. **The tanks cross beam supports are very rusty**

On October 22, 2015 Mr. Dermer of Lakeside Waterworks/ US Water Corp and Mr. Derossett of U.S. Water were contacted about these deficiencies. On October 27, 2015, Mr. Derossett emailed the

Department stating that the structural issues regarding support beams and bulkhead will be addressed by the Owner, FPSC and customers to determine the repairs or replacement of the plants structures. No response has been received from Mr. Deremer regarding these issues.

Permit/Rule or Other Reference:

8.1.2 **Chapter 62-620.610(7):** The permittee shall at all times 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.

Recommendation for Corrective Action:

8.1.2 **Please submit a corrective action plan with time schedule for the repair of the structural issues at the facility within 15 days of receipt of this letter.**

9. **Effluent Quality:** RATING – Out-of-Compliance

Deficiency Description:

9.1 **The following exceedances were observed during the DMR review.**

- a. A fecal coliform maximum exceedance was observed on the March 2015 DMR.
- b. A fecal coliform maximum exceedance was observed on the September 2015 DMR. It is noted that the Department received notice of the abnormal event and it was also reported on the September 2015 DMR.

Permit/Rule or Other Reference:

9.1 **Chapter 62-600.440(4)(c):** Any one sample shall not exceed 800 fecal coliform values per 100 mL of sample.

Recommendation for Corrective Action:

9.1 **No further action required as the facility has procedures in place to address permit limit exceedances.**

10. **Effluent Disposal:** RATING – Out-of-Compliance

Deficiency Description:

10.1 **The following deficiencies were observed in the effluent disposal system.**

- a. **The sprayfield is over grown with vegetation**
- b. **The wet weather pond was not accessible due to heavy vegetation.**

On 10/27/2015 Mr. Derossett emailed the Department photographic verification that on October 23, 2015, the sprayfield and the wet weather pond had been mowed.

Permit/Rule or Other Reference:

10.1 **Chapter 62-600.410(6):** All facilities and equipment necessary for the treatment, reuse, and disposal of domestic wastewater and domestic wastewater residuals shall be maintained, at a minimum, so as to function as intended.

Recommendation for Corrective Action:

10.1 No further action required as the sprayfield and wet weather pond have been mowed.

11. **Biosolids/Sludge**: RATING – In-Compliance

11.1 Observation: *General* -According to onsite paperwork, 10,000 gallons of untreated biosolids were last removed by A-Able.

12. **Groundwater Quality**: RATING – Not Applicable

13. **SSO Survey**: RATING – Not Applicable

14. **Other**: RATING – Not Evaluated

Lakeside WW

Permit Number FLA010521

November 24, 2015 CEI

Response:

7. Flow Measurement – Calibrations were completed on November 4, 2015 by Central Florida Controls, Inc.

8.1.2 – Structural Issues:

Lakeside Waterworks, Inc. is regulated by the Florida Public Service Commission (FPSC). According to the FPSC, this utility began operation in 1983. Thus the infrastructure is approximately 33 years old. Lakeside Waterworks purchased this utility in 2012. In July 2013, Lakeside Waterworks filed for a staff assisted rate case (SARC) with the FPSC in order to recover its operating expenses and earn a fair return on its investment. The SARC was approved in January 2015. The current service rates are not compensatory to recover any additional improvements and/or replacement in either water or wastewater capital items. In 2015, a potable water well collapsed and became inoperable. Lakeside Waterworks is in the process of replacing this potable water well.

Lakeside Waterworks is aware of the current condition of its wastewater treatment plant and remains cognizant of the potential impact in service rates that will need to be charged to its customers. Lakeside Waterworks intends to file a subsequent SARC to recover, not only the cost for the water well replacement, but also for needed repairs and replacement to its wastewater treatment plant.

In order to move forward with these needed repairs and replacements at its wastewater treatment plant, Lakeside Waterworks will need to file for a subsequent SARC to recover the costs involved. This will entail the filing of the SARC and request for recovery in its service rates to make the necessary repairs and replacements.

The following timeline is an estimate to determine the plant issues that need to be resolved satisfactorily to FDEP standards. The aeration and digester tanks are in very poor condition due to corrosion and the age of the treatment plant. As such, Lakeside Waterworks intends to replace the existing metal structures with concrete tanks. The amount of time to design, permit and build these additions would be approximately nine (9) months from start. The work would be dependent on the following: (1) FDEP permitting of the replacements; (2) FPSC approval of the costs in rates; and (3) the customers being advised of the process through the FPSC SARC process. The SARC process takes approximately 18 months for final approval. The application for the SARC rate increase depends on the proper documentation and support for the proposed capital improvements necessary in order to meet the FDEP requirements.

The proposed timeline would be as follows:

Design and Engineering of the wastewater plant improvements - February 2016

FDEP permitting – April 2016

Submit Requests for Bids and bid received to perform the work - June 2016

Submit SARC to PSC in - July 2016

FPSC SARC process to receive approval in rates - August 2017

Complete work at WWTP - May 2018

Lakeside Waterworks, Inc. requests assistance from the FDEP in (1) receiving expedited permitting, and (2) support for recovery in its SARC with the FPSC. This includes attending the required customer meeting during the SARC process and providing support to the FPSC during the SARC process.



Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

NOTICE OF PERMIT ISSUANCE

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

Lake County - DW
Lakeside Waterworks WWTF

Enclosed is Permit Number FLA010521 to construct and operate a domestic wastewater facility issued under Section(s) 403.087 and 403.0885 of the Florida Statutes.

Monitoring requirements under this permit are effective on August 1, 2016. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any.

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under sections 120.569 and 120.57 of the Florida Statutes before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received by the clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Petitions by the applicant or any of the parties listed below must be filed within fourteen days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first.

Under section 120.60(3) of the Florida Statutes, however, any person who has asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 of the Florida Statutes. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with rule 28-106.205 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

- (a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the Department permit identification number and the county in which the subject matter or activity is located;
- (b) A statement of how and when each petitioner received notice of the Department action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department action;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A statement of facts that the petitioner contends warrant reversal or modification of the Department action;
- (f) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; and
- (g) A statement of the relief sought by the 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 shall contain the same information as set forth above, as required by rule 28-106.301.

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 have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation under section 120.573 of the Florida Statutes is not available for this proceeding.

This action is final on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above. Upon the timely filing of a petition this order will not be effective until further order of the Department.

Any party to the order has the right to seek judicial review of the order under section 120.68 of the Florida Statutes, by the filing of a notice of appeal under 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 Orlando, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Christianne C. Ferraro, P.E.

Administrator


Permitting and Waste Cleanup Program - Wastewater

3319 Maguire Boulevard, Suite 232

Orlando, Florida 32803-3767

CCF/crl/

Filed, on this date, pursuant to Section 120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.



Clerk

June 27, 2016

Date

Enclosures: Permit, DMR and SOB

Copies furnished to:

David Smicherko, DEP (David.smicherko@dep.state.fl.us)

Shabbir Rizvi, DEP (shabbir.rizvi@dep.state.fl.us)

Wanda Parker Garvin, DEP, (Wanda.Parker@dep.state.fl.us)

Mohammed Kader, PE, US Water Services Corp, (mkader@uswatercorp.net)

Keith Keegan, PE, US Water Services Corp. (Kkeegan@uswatercorp.net)

Charles LeGros, DEP (Charles.legros@dep.state.fl.us)

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before close of business on June 27, 2016 to the listed persons, by Robin D. Armstrong.



Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:
Lakeside Waterworks, Inc.

RESPONSIBLE OFFICIAL:
Gary Deremer, President
4939 Cross Bayou Blvd
New Port Richey, Florida 34652-3434
(727) 848-8292

PERMIT NUMBER: FLA010521
FILE NUMBER: FLA010521-007-DW3P
EFFECTIVE DATE: June 27 2016
EXPIRATION DATE: June 26, 2021

FACILITY:

Lakeside Waterworks WWTF
100 Shangri-La Blvd
Leesburg, FL 34788
Lake County
Latitude: 28°51' 38.49" N Longitude: 81°45' 29.03" 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 construct and operate the facilities in accordance with the documents attached hereto and specifically described as follows:

WASTEWATER TREATMENT:

The existing wastewater treatment plant, with a 0.050 MGD annual average daily flow (AADF) design capacity, is being modified to reduce the permitted capacity to 0.015 MGD three month average daily flow (TMADF) and to change the mode of operation from step feed aeration to extended aeration. The existing 0.050 million gallon per day (mgd) step aeration activated sludge domestic wastewater treatment plant consisting of aeration, secondary clarification, chlorination, and aerobic digestion of biosolids shall be operated in accordance with this permit while the modifications are completed. **This permit authorizes construction of a new splitter box, three new 5,000 gallon aeration chambers and one new 5,000 gallon digester, with piping modifications to provide a 0.015 MGD AADF permitted capacity extended aeration wastewater treatment plant consisting of aeration, secondary clarification, chlorination, and aerobic digestion of biosolids.**

REUSE OR DISPOSAL:

Land Application R-001: An existing 0.050 MGD annual average daily flow design capacity slow-rate restricted public access system, with a new permitted capacity of 0.015 MGD AADF. R-001 is a reuse system which consists of a sprayfield with a total wetted area of 3.2 acres located approximately at latitude 28°51' 33" N, longitude 81°45' 18" W. **Flow to the sprayfield will be limited to 0.015 MGD AADF, the new permitted capacity of the wastewater treatment plant.**

Land Application R-002: An existing 0.013 MGD annual average daily flow permitted capacity rapid infiltration basin system. R-002 is a reuse system which consists of a rapid infiltration basin (RIB) as a back-up to R-001 during wet weather with a total wetted area of 0.080 acres located approximately at latitude 28°51' 33" N, longitude 81°45' 18" 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 18 of this permit.

PERMITTEE: Lakeside Waterworks, Inc.
 FACILITY: Lakeside Waterworks WWTF

PERMIT NUMBER: FLA010521
 EXPIRATION DATE: June 26, 2021

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-001. Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.B.7.:

Parameter	Units	Reclaimed Water Limitations			Monitoring Requirements			Notes
		Max./Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow (Flow to R-001 sprayfield)	MGD	Max Max	0.015 Report	Annual Average Monthly Average	5 Days/Week	Elapsed time meters	FLW-1	See I.A.3
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Monthly	Grab	EFA-1	
Solids, Total Suspended	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Monthly	Grab	EFA-1	
Coliform, Fecal	#/100mL	Max Max Max	200 200 800	Monthly Geometric Mean Annual Average Single Sample	Monthly	Grab	EFA-1	See I.A.4
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	5 Days/Week	Grab	EFA-1	
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	5 Days/Week	Grab	EFA-1	See I.A.5
Nitrogen, Total	mg/L	Max	Report	Single Sample	Quarterly	Grab	EFA-1	See I.A.6
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	Quarterly	Grab	EFA-1	See I.A.6

PERMITTEE: Lakeside Waterworks, Inc.
FACILITY: Lakeside Waterworks WWTF

PERMIT NUMBER: FLA010521
EXPIRATION DATE: June 26, 2021

2. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I.A.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-1	Elapsed time meter on effluent pumps to sprayfield
EFA-1	Chlorine contact chamber effluent

3. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. *[62-600.200(25)]*
4. The effluent limitation for the monthly geometric mean for fecal coliform is only applicable if 10 or more values are reported. If fewer than 10 values are reported, the monthly geometric mean shall be calculated and reported on the Discharge Monitoring Report to be used to calculate the annual average. *[62-600.440(4)(c)]*
5. Total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. *[62-610.410, 600.440(4)(b) and (5)(b)]*
6. In accordance with Rule 62-600.650(3), F.A.C., facilities that land apply reclaimed water in an area with nutrient impaired waters will be required to report Total Nitrogen and Total Phosphorus in the reclaimed water. *[62-600.650(3)]*

PERMITTEE: Lakeside Waterworks, Inc.
 FACILITY: Lakeside Waterworks WWTF

PERMIT NUMBER: FLA010521
 EXPIRATION DATE: June 26, 2021

7. During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to direct reclaimed water to Reuse System R-002. Such reclaimed water shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.B.7.:

Parameter	Units	Max/Min	Reclaimed Water Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Monitoring	Sample Type	Monitoring Site Number	
Flow (RIB)	MGD	Max Max	0.013 Report	Annual Average Monthly Average	5 Days/Week	Calculated	FLW-2	See I.A.9
BOD, Carbonaceous 5 day, 20C	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Monthly	Grab	EFA-1	
Solids, Total Suspended	mg/L	Max Max Max Max	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample	Monthly	Grab	EFA-1	
Coliform, Fecal	#/100mL	Max Max Max	200 200 800	Monthly Geometric Mean Annual Average Single Sample	Monthly	Grab	EFA-1	See I.A.10
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	5 Days/Week	Grab	EFA-1	
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	5 Days/Week	Grab	EFA-1	See I.A.11
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	Monthly	Grab	EFA-1	See I.A.12

PERMITTEE: Lakeside Waterworks, Inc.
FACILITY: Lakeside Waterworks WWTF

PERMIT NUMBER: FLA010521
EXPIRATION DATE: June 26, 2021

8. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I.A.7. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-2	Calculated based on FLW-3 minus FLW-1
EFA-1	Chlorine contact chamber effluent

9. The meter shall be utilized to measure flow and calibrated at least once every 12 months. *[62-600.200(25)]*
10. The effluent limitation for the monthly geometric mean for fecal coliform is only applicable if 10 or more values are reported. If fewer than 10 values are reported, the monthly geometric mean shall be calculated and reported on the Discharge Monitoring Report to be used to calculate the annual average. *[62-600.440(4)(c)]*
11. Total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. *[62-610.510, 62-600.440(4)(b) and (5)(b)]*
12. Nitrate nitrogen (NO₃) concentration in the water discharged to the land application system shall not exceed 12.0 mg/L, or as required to comply with Rule 62-610.510, F.A.C. If the facility exceeds this limit, the Department may require future groundwater monitoring or modification to the treatment facility to remove nitrogen. *[62-610.510]*

PERMITTEE: Lakeside Waterworks, Inc.
 FACILITY: Lakeside Waterworks WWTF

PERMIT NUMBER: FLA010521
 EXPIRATION DATE: June 26, 2021

B. Other Limitations and Monitoring and Reporting Requirements

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the treatment facility shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.B.7.:

Parameter	Units	Max/Min	Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow (Total flow thru plant)	MGD	Max Max	0.015 Report	3-Month Rolling Average Monthly Average	5 Days/Week	Recording Flow Meter with Totalizer	FLW-3	See I.B.4
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	Monthly	Calculated	FLW-1	
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	Annually	Grab	INF-1	See I.B.3
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	Annually	Grab	INF-1	See I.B.3

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2. Samples shall be taken at the monitoring site locations listed in Permit Condition I.B.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
FLW-3	Total plant effluent flow using the ultrasonic meter and the V-notch weir in the chlorine contact chamber
INF-1	Raw influent to aeration tank

3. Influent samples shall be collected so that they do not contain digester supernatant or return activated sludge, or any other plant process recycled waters. [62-600.660(4)(a)]
4. A recording flow meter with totalizer shall be utilized to measure flow and calibrated at least once every 12 months. [62-600.200(25)]
5. The sample collection, analytical test methods and method detection limits (MDLs) applicable to this permit shall be conducted using a sufficiently sensitive method to ensure compliance with applicable water quality standards and effluent limitations and shall be in accordance with Rule 62-4.246, Chapters 62-160 and 62-600, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs (method detection limits) and PQLs (practical quantitation limits), which is titled "FAC 62-4 MDL/PQL Table (April 26, 2006)" is available at <http://www.dep.state.fl.us/labs/library/index.htm>. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless alternate MDLs and/or PQLs have been specifically approved by the Department for this permit. Any method included in the list may be used for reporting as long as it meets the following requirements:
- The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;
 - The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide an MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and
 - If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

When the analytical results are below method detection or practical quantitation limits, the permittee shall report the actual laboratory MDL and/or PQL values for the analyses that were performed following the instructions on the applicable discharge monitoring report.

Where necessary, the permittee may request approval of alternate methods or for alternative MDLs or PQLs for any approved analytical method. Approval of alternate laboratory MDLs or PQLs are not necessary if the laboratory reported MDLs and PQLs are less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Approval of an analytical method not included in the above-referenced list is not necessary if the analytical method is approved in accordance with 40 CFR 136 or deemed acceptable by the Department. [62-4.246, 62-160]

6. The permittee shall provide safe access points for obtaining representative samples which are required by this permit. [62-600.650(2)]
7. **Monitoring requirements under this permit are effective August 1, 2016.** Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e. monthly, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Unless specified otherwise in this permit, monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below. DMRs shall be submitted for each required monitoring period including periods of no discharge.

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REPORT Type on DMR	Monitoring Period	Mail or Electronically Submit by
Monthly	first day of month - last day of month	28 th day of following month
Quarterly	January 1 - March 31 April 1 - June 30 July 1 - September 30 October 1 - December 31	April 28 July 28 October 28 January 28
Semiannual	January 1 - June 30 July 1 - December 31	July 28 January 28
Annual	January 1 - December 31	January 28

The permittee may submit either paper or electronic DMR forms. If submitting paper DMR forms, the permittee shall make copies of the attached DMR forms, without altering the original format or content unless approved by the Department, and shall mail the completed DMR forms to the Department's Central District Office at the address specified in Permit Condition I.B.8. by the twenty-eighth (28th) of the month following the month of operation.

If submitting electronic DMR forms (preferred), the permittee shall use the electronic DMR system(s) approved in writing by the Department and shall electronically submit the completed DMR forms to the Department by the twenty-eighth (28th) of the month following the month of operation. Data submitted in electronic format is equivalent to data submitted on signed and certified paper DMR forms. The EzDMR system shall be used in accordance with Condition VI. 1. of this permit, unless alternative arrangements are approved by the Central District's Wastewater Permitting Section. Register for the new system by visiting the DEP Business Portal at <http://www.fldepportal.com/go/>. For more information, contact at EzDMRAAdmin@dep.state.fl.us.

[62-620.610(18)][62-600.680(1)]

8. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Central District Office at the address specified below:

Electronic submittal is preferred, by sending to DEP_CD@dep.state.fl.us.

If submitted electronically: Documents requiring signing and sealing must signed, sealed, and electronically certified, as required by FBPE for electronic submittals. The procedures are located on the DEP website at:

<http://www.dep.state.fl.us/water/wastewater/forms/ElectronicSubmissionInstructionsDOM.pdf>
<http://www.dep.state.fl.us/water/wastewater/docs/InstructionsIndependentDocumentsEngineerLetter.pdf>

Florida Department of Environmental Protection
Central District Office
3319 Maguire Blvd
Suite 232
Orlando, Florida 32803-3767
Phone Number - (407)897-4100
[62-620.305]

9. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. [62-620.305]

II. BIOSOLIDS MANAGEMENT REQUIREMENTS

A. Basic Requirements

1. Biosolids generated by this facility may be transferred to A-Able Biosolids Treatment Facility or disposed of in a Class I solid waste landfill. Transferring biosolids to an alternative biosolids treatment facility does not require a permit modification. However, use of an alternative biosolids treatment facility requires submittal of a copy of the agreement pursuant to Rule 62-640.880(1)(c), F.A.C., along with a written notification to the Department at least 30 days before transport of the biosolids. [62-620.320(6), 62-640.880(1)]

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2. The permittee shall monitor and keep records of the quantities of biosolids generated, received from source facilities, treated, distributed and marketed, land applied, used as a biofuel or for bioenergy, transferred to another facility, or landfilled. These records shall be kept for a minimum of five years. [62-640.650(4)(a)]
3. Biosolids quantities shall be monitored by the permittee as specified below. Results shall be reported on the permittee's Discharge Monitoring Report for Monitoring Group RMP-Q in accordance with Condition I.B.7.

Parameter	Units	Max/Min	Biosolids Limitations		Monitoring Requirements		
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number
Biosolids Quantity (Transferred)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-1
Biosolids Quantity (Landfilled)	dry tons	Max	Report	Monthly Total	Monthly	Calculated	RMP-1

[62-640.650(5)(a)1]

4. Biosolids quantities shall be calculated as listed in Permit Condition II.3 and as described below:

Monitoring Site Number	Description of Monitoring Site Calculations
RMP-1	Biosolids leaving the facility. Amount shall be calculated based on estimated volume or weight and percent solids and reported in dry tons.

5. The treatment, management, transportation, use, land application, or disposal of biosolids shall not cause a violation of the odor prohibition in subsection 62-296.320(2), F.A.C. [62-640.400(6)]
6. Storage of biosolids or other solids at this facility shall be in accordance with the Facility Biosolids Storage Plan. [62-640.300(4)]
7. Biosolids shall not be spilled from or tracked off the treatment facility site by the hauling vehicle. [62-640.400(9)]

B. Disposal

8. Disposal of biosolids, septage, and "other solids" in a solid waste disposal facility, or disposal by placement on land for purposes other than soil conditioning or fertilization, such as at a monofill, surface impoundment, waste pile, or dedicated site, shall be in accordance with Chapter 62-701, F.A.C. [62-640.100(6)(b) & (c)]

C. Transfer

9. The permittee shall not be held responsible for treatment and management violations that occur after its biosolids have been accepted by a permitted biosolids treatment facility with which the source facility has an agreement in accordance with subsection 62-640.880(1)(c), F.A.C., for further treatment, management, or disposal. [62-640.880(1)(b)]
10. The permittee shall keep hauling records to track the transport of biosolids between the facilities. The hauling records shall contain the following information:

Source Facility

1. Date and time shipped
2. Amount of biosolids shipped
3. Degree of treatment (if applicable)
4. Name and ID Number of treatment facility
5. Signature of responsible party at source facility
6. Signature of hauler and name of hauling firm

Biosolids Treatment Facility or Treatment Facility

1. Date and time received
2. Amount of biosolids received
3. Name and ID number of source facility
4. Signature of hauler
5. Signature of responsible party at treatment facility

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A copy of the source facility hauling records for each shipment shall be provided upon delivery of the biosolids to the biosolids treatment facility or treatment facility. The treatment facility permittee shall report to the Department within 24 hours of discovery any discrepancy in the quantity of biosolids leaving the source facility and arriving at the biosolids treatment facility or treatment facility.
[62-640.880(4)]

D. Receipt

11. If the permittee intends to accept biosolids from other facilities, a permit revision is required pursuant to paragraph 62-640.880(2)(d), F.A.C. *[62-640.880(2)(d)]*

III. GROUND WATER REQUIREMENTS

1. Section III is not applicable to this facility.

IV. ADDITIONAL REUSE AND LAND APPLICATION REQUIREMENTS

A. Part II Slow-Rate/Restricted Access System(s)

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. *[62-610.418(1)]*
2. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. *[62-610.414(8)]*
3. The maximum annual average loading rate to the sprayfield shall be reduced and limited to 1.21 inches per week, based on new capacity of the treatment facility (note, the sprayfield loading rate was previously approved at 4.05 inches per week). The hydraulic loading rate shall not produce surface runoff or ponding of the applied reclaimed water. *[62-610.423(3) and (4)]*
4. The crops or vegetation shall be periodically harvested and removed from the project area. *[62-610.310(3)(d) and 62-610.419(1)(b)]*
5. Dairy cattle whose milk is intended for human consumption shall not be allowed on the project area for a period of 15 days after the last application of reclaimed water. No restrictions are imposed on the grazing of other cattle. *[62-610.425]*
6. Irrigation of edible food crops is prohibited. *[62-610.426]*
7. Overflows from emergency discharge facilities on storage ponds shall be reported as abnormal events in accordance with Permit Condition IX.20. *[62-610.800(9)]*

B. Part IV Rapid Infiltration Basins (RIBs)

1. Advisory signs shall be posted around the site boundaries to designate the nature of the project area. *[62-610.518]*
2. The maximum annual average loading rate to the RIB shall be limited to 6 inches per day (as applied to the entire bottom area). *[62-610.523(3)]*
3. The rapid infiltration basin is a back-up for R-001 to be used during wet weather conditions, and rested during other times. Infiltration ponds, basins, or trenches shall be allowed to dry during the resting portion of the cycle. *[62-610.523(4)]*
4. Rapid infiltration basins shall be routinely maintained to control vegetation growth and to maintain percolation capability by scarification or removal of deposited solids. Basin bottoms shall be maintained to be level. *[62-610.523(6) and (7)]*

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5. Routine aquatic weed control and regular maintenance of storage pond embankments and access areas are required. [62-610.514 and 62-610.414]
6. Overflows from emergency discharge facilities on storage ponds or on infiltration ponds, basins, or trenches shall be reported as abnormal events in accordance with Permit Condition IX.20. [62-610.800(9)]

V. OPERATION AND MAINTENANCE REQUIREMENTS

A. Staffing Requirements

1. **Interim** - During the period beginning on the effective date until submittal of Department DEP Form 62-620.910(12), Notification of Completion of Construction for Domestic Wastewater Facilities, the wastewater facilities shall be operated under the supervision of operators certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category II, Class C facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class C or higher operator 1/2 hour/day for 5 days/week and one visit each weekend. The lead/chief operator must be a Class C operator, or higher.

Final - Beginning with the submittal of Department DEP Form 62-620.910(12), Notification of Completion of Construction for Domestic Wastewater Facilities and through the expiration date of the permit, the wastewater facilities shall be operated under the supervision of operators certified in accordance with Chapter 62-602, F.A.C. In accordance with Chapter 62-699, F.A.C., this facility is a Category III, Class D facility and, at a minimum, operators with appropriate certification must be on the site as follows:

A Class D or higher operator for 3 visits/week on nonconsecutive days for a total of 1 1/2 hours/week. The lead/chief operator must be a Class D operator, or higher.

2. An operator meeting the lead/chief operator class for the treatment plant shall be available during all periods of plant operation. "Available" means able to be contacted as needed to initiate the appropriate action in a timely manner. Daily checks of the plant shall be performed by the permittee or his representative or agent 5 days per week. [62-699.311(1) and (2)]

B. Capacity Analysis Report and Operation and Maintenance Performance Report Requirements

1. The application to renew this permit shall include an updated capacity analysis report prepared in accordance with Rule 62-600.405, F.A.C. [62-600.405(5)]
2. The application to renew this permit shall include a detailed operation and maintenance performance report prepared in accordance with Rule 62-600.735, F.A.C. [62-600.735(1)]

C. Recordkeeping Requirements

1. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility.
 - a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
 - b. Copies of all reports required by the permit for at least three years from the date the report was prepared;
 - c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;
 - d. Monitoring information, including a copy of the laboratory certification showing the laboratory certification number, related to the residuals use and disposal activities for the time period set forth in Chapter 62-640, F.A.C., for at least three years from the date of sampling or measurement;

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- e. A copy of the current permit;
- f. A copy of the current operation and maintenance manual as required by Chapter 62-600, F.A.C.;
- g. A copy of any required record drawings;
- h. Copies of the licenses of the current certified operators;
- i. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules. The logs shall, at a minimum, include identification of the plant; the signature and license number of the operator(s) and the signature of the person(s) making any entries; date and time in and out; specific operation and maintenance activities, including any preventive maintenance or repairs made or requested; results of tests performed and samples taken, unless documented on a laboratory sheet; and notation of any notification or reporting completed in accordance with Rule 62-602.650(3), F.A.C. The logs shall be maintained on-site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed; and
- j. Records of biosolids quantities, treatment, monitoring, and hauling for at least five years.

[62-620.350, 62-602.650, 62-640.650(4)]

VI. SCHEDULES

1. The following improvement actions shall be completed according to the following schedule:

Improvement Action	Completion Date
1. Begin construction of plant modifications	07/01/2016
2. Complete construction of plant modifications	02/01/2017
3. Register for and begin using the Departments EzDMR system, per condition I.B.7 of this permit	01/01/2017

[62-620.320(6)]

2. **Prior to placing the modifications to existing facilities into operation** or any individual unit processes into operation, for any purpose other than testing for leaks and equipment operation, the permittee shall complete and submit to the Department DEP Form 62-620.910(12), Notification of Completion of Construction for Wastewater Facilities or Activities. [62-620.410(7) and 62-620.630(2)]
3. **Within six months after a facility is placed in operation**, the permittee shall provide written certification to the Department on Form 62-620.910(13) that record drawings pursuant to Chapter 62-620, F.A.C., and that an operation and maintenance manual pursuant to Chapters 62-600 and 62-610, F.A.C., as applicable, are available at the location specified on the form. [62-620.410(6) and 62-620.630(7)]
4. The permittee is not authorized to discharge to waters of the state after the expiration date of this permit, unless:
 - a. The permittee has applied for renewal of this permit at least 180 days before the expiration date of this permit using the appropriate forms listed in Rule 62-620.910, F.A.C., and in the manner established in the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C.; or
 - b. The permittee has made complete the application for renewal of this permit before the permit expiration date.
[62-620.335(1) - (4)]

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

1. This facility is not required to have a pretreatment program at this time. [62-625.500]

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VIII. OTHER SPECIFIC CONDITIONS

1. The permittee shall comply with all conditions and requirements for reuse contained in their consumptive use permit issued by the Water Management District, if such requirements are consistent with Department rules. *[62-610.800(10)]*
2. In the event that the treatment facilities or equipment no longer function as intended, are no longer safe in terms of public health and safety, or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by Rule 62-600.400(2)(a), F.A.C., corrective action (which may include additional maintenance or modifications of the permitted facilities) shall be taken by the permittee. Other corrective action may be required to ensure compliance with rules of the Department. Additionally, the treatment, management, use or land application of residuals shall not cause a violation of the odor prohibition in Rule 62-296.320(2), F.A.C. *[62-600.410(8) and 62-640.400(6)]*
3. The deliberate introduction of stormwater in any amount into collection/transmission systems designed solely for the introduction (and conveyance) of domestic/industrial wastewater; or the deliberate introduction of stormwater into collection/transmission systems designed for the introduction or conveyance of combinations of storm and domestic/industrial wastewater in amounts which may reduce the efficiency of pollutant removal by the treatment plant is prohibited, except as provided by Rule 62-610.472, F.A.C. *[62-604.130(3)]*
4. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550] [62-620.610(20)]*
5. The operating authority of a collection/transmission system and the permittee of a treatment plant are prohibited from accepting connections of wastewater discharges which have not received necessary pretreatment or which contain materials or pollutants (other than normal domestic wastewater constituents):
 - a. Which may cause fire or explosion hazards; or
 - b. Which may cause excessive corrosion or other deterioration of wastewater facilities due to chemical action or pH levels; or
 - c. Which are solid or viscous and obstruct flow or otherwise interfere with wastewater facility operations or treatment; or
 - d. Which result in the wastewater temperature at the introduction of the treatment plant exceeding 40°C or otherwise inhibiting treatment; or
 - e. Which result in the presence of toxic gases, vapors, or fumes that may cause worker health and safety problems. *[62-604.130(5)]*
6. The treatment facility, storage ponds for Part II systems, rapid infiltration basins, and/or infiltration trenches shall be enclosed with a fence or otherwise provided with features to discourage the entry of animals and unauthorized persons. *[62-610.418(1) and 62-600.400(2)(b)]*
7. Screenings and grit removed from the wastewater facilities shall be collected in suitable containers and hauled to a Department approved Class I landfill or to a landfill approved by the Department for receipt/disposal of screenings and grit. *[62-701.300(1)(a)]*
8. Where required by Chapter 471 or Chapter 492, F.S., applicable portions of reports that must be submitted under this permit shall be signed and sealed by a professional engineer or a professional geologist, as appropriate. *[62-620.310(4)]*
9. The permittee shall provide verbal notice to the Department's Central District Office as soon as practical after discovery of a sinkhole or other karst feature within an area for the management or application of wastewater, wastewater residuals (sludges), or reclaimed water. The permittee shall immediately implement measures appropriate to control the entry of contaminants, and shall detail these measures to the Department's Central District Office in a written report within 7 days of the sinkhole discovery. *[62-620.320(6)]*
10. The permittee shall provide notice to the Department of the following:

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- a. Any new introduction of pollutants into the facility from an industrial discharger which would be subject to Chapter 403, F.S., and the requirements of Chapter 62-620, F.A.C., if it were directly discharging those pollutants; and
- b. Any substantial change in the volume or character of pollutants being introduced into that facility by a source which was identified in the permit application and known to be discharging at the time the permit was issued.

Notice shall include information on the quality and quantity of effluent introduced into the facility and any anticipated impact of the change on the quantity or quality of effluent or reclaimed water to be discharged from the facility.

[62-620.625(2)]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications, or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*
3. As provided in subsection 403.087(7), 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 authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*
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. *[62-620.610(4)]*
5. This permit does not relieve the permittee from liability and penalties 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; 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. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*
6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6)]*
7. The permittee shall at all times 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. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*
8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*
9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:

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- a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
 - b. Have access to and copy any records that shall be kept under the conditions of this permit;
 - c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
 - d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.
[62-620.610(9)]
10. 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 as such use is proscribed by Section 403.111, F.S., or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*
 11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*
 12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, 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, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*
 13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*
 14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*
 15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility or activity and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*
 16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, F.A.C., and the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2), F.A.C., for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*
 17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
 - a. A description of the anticipated noncompliance;
 - b. The period of the anticipated noncompliance, including dates and times; and

PERMITTEE: Lakeside Waterworks, Inc.
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EXPIRATION DATE: June 26, 2021

- c. Steps being taken to prevent future occurrence of the noncompliance.
[62-620.610(17)]
18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246 and Chapters 62-160, 62-601, and 62-610, F.A.C., and 40 CFR 136, as appropriate.
- a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.
- b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
- c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
- d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.
- e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.
- f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220, and 62-160.330, F.A.C.
[62-620.610(18)]
19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19)]*
20. The permittee shall report to the Department's Central District Office any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- a. The following shall be included as information which must be reported within 24 hours under this condition:
- (1) Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
 - (2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
 - (3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
 - (4) Any unauthorized discharge to surface or ground waters.
- b. Oral reports as required by this subsection shall be provided as follows:
- (1) For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph (a)4. that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the STATE WATCH OFFICE TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Watch Office:
 - (a) Name, address, and telephone number of person reporting;
 - (b) Name, address, and telephone number of permittee or responsible person for the discharge;

PERMITTEE: Lakeside Waterworks, Inc.
FACILITY: Lakeside Waterworks WWTF

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- (c) Date and time of the discharge and status of discharge (ongoing or ceased);
 - (d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
 - (e) Estimated amount of the discharge;
 - (f) Location or address of the discharge;
 - (g) Source and cause of the discharge;
 - (h) Whether the discharge was contained on-site, and cleanup actions taken to date;
 - (i) Description of area affected by the discharge, including name of water body affected, if any; and
 - (j) Other persons or agencies contacted.
- (2) Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department's Central District Office within 24 hours from the time the permittee becomes aware of the circumstances.
- c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department's Central District Office shall waive the written report.
[62-620.610(20)]
21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX.17., IX.18., or IX.19. of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX.20. of this permit. *[62-620.610(21)]*
22. Bypass Provisions.
- a. "Bypass" means the intentional diversion of waste streams from any portion of a treatment works.
 - b. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
 - (1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
 - (2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 - (3) The permittee submitted notices as required under Permit Condition IX.22.c. of this permit.
 - c. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX.20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
 - d. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX.22.b.(1) through (3) of this permit.
 - e. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX.22.b. through d. of this permit.
[62-620.610(22)]
23. Upset Provisions.
- a. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based effluent limitations because of factors beyond the reasonable control of the permittee.
 - (1) An upset does not include noncompliance caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, careless or improper operation.

PERMITTEE: Lakeside Waterworks, Inc.
FACILITY: Lakeside Waterworks WWTF

PERMIT NUMBER: FLA010521
EXPIRATION DATE: June 26, 2021

- (2) An upset constitutes an affirmative defense to an action brought for noncompliance with technology based permit effluent limitations if the requirements of upset provisions of Rule 62-620.610, F.A.C., are met.
- b. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
- (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
 - (2) The permitted facility was at the time being properly operated;
 - (3) The permittee submitted notice of the upset as required in Permit Condition IX.20. of this permit; and
 - (4) The permittee complied with any remedial measures required under Permit Condition IX.5. of this permit.
- c. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.
- d. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.
[62-620.610(23)]

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION



Christianne C. Ferraro, P.E.
Administrator
Permitting and Waste Cleanup Program –
Wastewater

PERMIT ISSUANCE DATE:

JUNE 27, 2016

Attachment(s):
Discharge Monitoring Report

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, 3319 Maguire Blvd, Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME:	Lakeside Waterworks, Inc.	PERMIT NUMBER:	FLA010521-007-DW3P	Effective Date of DMR	August 1, 2016
MAILING ADDRESS:	4939 Cross Bayou Blvd New Port Richey, Florida 34652-3434	LIMIT:	Final	REPORT FREQUENCY:	Monthly
FACILITY:	Lakeside Waterworks WWTF	CLASS SIZE:	N/A	PROGRAM:	Domestic
LOCATION:	100 Shangri-La Blvd Leesburg, FL 34788-	MONITORING GROUP NUMBER:	R-001		
		MONITORING GROUP DESCRIPTION:	Sprayfield, with Influent		
		RE-SUBMITTED DMR:	<input type="checkbox"/>		
		NO DISCHARGE FROM SITE:	<input type="checkbox"/>		
COUNTY:	Lake	MONITORING PERIOD	From: _____ To: _____		
OFFICE:	Central District				

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type	
Flow (Flow to R-001 sprayfield)	Sample Measurement								
PARM Code 50050 Y Mon. Site No. FLW-1	Permit Requirement	0.015 (An.Avg.)	MGD				5 Days/Week	Elapsed time meters	
Flow (Flow to R-001 sprayfield)	Sample Measurement								
PARM Code 50050 1 Mon. Site No. FLW-1	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Elapsed time meters	
BOD, Carbonaceous 5 day, 20C	Sample Measurement								
PARM Code 80082 Y Mon. Site No. EFA-1	Permit Requirement			20.0 (An.Avg.)	mg/L		Monthly	Grab	
BOD, Carbonaceous 5 day, 20C	Sample Measurement								
PARM Code 80082 A Mon. Site No. EFA-1	Permit Requirement			60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Monthly	Grab
Solids, Total Suspended	Sample Measurement								
PARM Code 00530 Y Mon. Site No. EFA-1	Permit Requirement				20.0 (An.Avg.)		mg/L	Monthly	Grab
Solids, Total Suspended	Sample Measurement								
PARM Code 00530 A Mon. Site No. EFA-1	Permit Requirement			60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Monthly	Grab

I, the undersigned, certify that the information submitted is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Lakeside Waterworks

MONITORING GROUP R-001

PERMIT NUMBER: FLA010521-007-DW3P

NUMBER:
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration		Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement									
PARM Code 74055 Y Mon. Site No. EFA-1	Permit Requirement				200 (An.Avg.)		#/100mL		Monthly	Grab
Coliform, Fecal	Sample Measurement									
PARM Code 74055 A Mon. Site No. EFA-1	Permit Requirement				200 (Mo.Geo.Mn.)	800 (Max.)	#/100mL		Monthly	Grab
pH	Sample Measurement									
PARM Code 00400 A Mon. Site No. EFA-1	Permit Requirement				6.0 (Min.)	8.5 (Max.)	s.u.		5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement									
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement				0.5 (Min.)		mg/L		5 Days/Week	Grab
Flow (Total flow thru plant)	Sample Measurement									
PARM Code 50050 P Mon. Site No. FLW-3	Permit Requirement	Report (Mo.Avg.)	0.015 (3Mo.Avg.)	MGD					5 Days/Week	Flow Totalizer
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement									
PARM Code 00180 1 Mon. Site No. FLW-3	Permit Requirement					Report (Mo.Avg.)	percent		Monthly	Calculated

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, 3319 Maguire Blvd, Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Lakeside Waterworks, Inc.
 MAILING ADDRESS: 4939 Cross Bayou Blvd
 New Port Richey, Florida 34652-3434

PERMIT NUMBER: FLA010521-007-DW3P

LIMIT: Final
 CLASS SIZE: N/A
 MONITORING GROUP NUMBER: R-001
 MONITORING GROUP DESCRIPTION: Sprayfield

REPORT FREQUENCY: Quarterly
 PROGRAM: Domestic

FACILITY: Lakeside Waterworks WWTF
 LOCATION: 100 Shangri-La Blvd
 Leesburg, FL 34788-

RE-SUBMITTED DMR:
 NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: _____ To: _____

COUNTY: Lake
 OFFICE: Central District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Total	Sample Measurement							
PARM Code 00600 A Mon. Site No. EFA-1	Permit Requirement			Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P)	Sample Measurement							
PARM Code 00665 A Mon. Site No. EFA-1	Permit Requirement			Report (Max.)	mg/L		Quarterly	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, 3319 Maguire Blvd, Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Lakeside Waterworks, Inc.
 MAILING ADDRESS: 4939 Cross Bayou Blvd
 New Port Richey, Florida 34652-3434

PERMIT NUMBER: FLA010521-007-DW3P

LIMIT: Final
 CLASS SIZE: N/A
 MONITORING GROUP NUMBER: R-001
 MONITORING GROUP DESCRIPTION: Sprayfield, with Influent

REPORT FREQUENCY: Annually
 PROGRAM: Domestic

FACILITY: Lakeside Waterworks WWTF
 LOCATION: 100 Shangri-La Blvd
 Leesburg, FL 34788-

RE-SUBMITTED DMR:
 NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: _____ To: _____

COUNTY: Lake
 OFFICE: Central District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement							
PARM Code 80082 G Mon. Site No. INF-1	Permit Requirement			Report (Max.)	mg/L		Annually	Grab
Solids, Total Suspended (Influent)	Sample Measurement							
PARM Code 00530 G Mon. Site No. INF-1	Permit Requirement			Report (Max.)	mg/L		Annually	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, 3319 Maguire Blvd, Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Lakeside Waterworks, Inc.
 MAILING ADDRESS: 4939 Cross Bayou Blvd
 New Port Richey, Florida 34652-3434

PERMIT NUMBER: FLA010521-007-DW3P

FACILITY: Lakeside Waterworks WWTF
 LOCATION: 100 Shangri-La Boulevard
 Leesburg, FL 34788-

LIMIT: Final
 CLASS SIZE: N/A
 MONITORING GROUP NUMBER: R-002
 MONITORING GROUP DESCRIPTION: rapid infiltration basin
 RE-SUBMITTED DMR:
 NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Monthly
 PROGRAM: Domestic

COUNTY: Lake
 OFFICE: Central District

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type	
Flow (RIB)	Sample Measurement								
PARM Code 50050 Y Mon. Site No. FLW-2	Permit Requirement	0.013 (An.Avg.)	MGD				5 Days/Week	Calculated	
Flow	Sample Measurement								
PARM Code 50050 1 Mon. Site No. FLW-2	Permit Requirement	Report (Mo.Avg.)	MGD				5 Days/Week	Calculated	
BOD, Carbonaceous 5 day, 20C	Sample Measurement								
PARM Code 80082 Y Mon. Site No. EFA-1	Permit Requirement			20.0 (An.Avg.)	mg/L		Monthly	Grab	
BOD, Carbonaceous 5 day, 20C	Sample Measurement								
PARM Code 80082 A Mon. Site No. EFA-1	Permit Requirement			60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Monthly	Grab
Solids, Total Suspended	Sample Measurement								
PARM Code 00530 Y Mon. Site No. EFA-1	Permit Requirement			20.0 (An.Avg.)	mg/L		Monthly	Grab	
Solids, Total Suspended	Sample Measurement								
PARM Code 00530 A Mon. Site No. EFA-1	Permit Requirement			60.0 (Max.)	45.0 (Max.Wk.Avg.)	30.0 (Mo.Avg.)	mg/L	Monthly	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Lakeside Waterworks

MONITORING GROUP R-002
 NUMBER:
 MONITORING PERIOD From: _____ To: _____

PERMIT NUMBER: FLA010521-007-DW3P

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Coliform, Fecal	Sample Measurement							
PARM Code 74055 Y Mon. Site No. EFA-1	Permit Requirement			200 (An.Avg.)	#/100mL		Monthly	Grab
Coliform, Fecal	Sample Measurement							
PARM Code 74055 A Mon. Site No. EFA-1	Permit Requirement			200 (Mo.Geo.Mn.)	800 (Max.)	#/100mL	Monthly	Grab
pH	Sample Measurement							
PARM Code 00400 A Mon. Site No. EFA-1	Permit Requirement			6.0 (Min.)	8.5 (Max.)	s.u.	5 Days/Week	Grab
Chlorine, Total Residual (For Disinfection)	Sample Measurement							
PARM Code 50060 A Mon. Site No. EFA-1	Permit Requirement			0.5 (Min.)		mg/L	5 Days/Week	Grab
Nitrogen, Nitrate, Total (as N)	Sample Measurement							
PARM Code 00620 A Mon. Site No. EFA-1	Permit Requirement				12.0 (Max.)	mg/L	Monthly	Grab

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, 3319 Maguire Blvd, Suite 232, Orlando, FL 32803-3767

PERMITTEE NAME: Lakeside Waterworks, Inc.
 MAILING ADDRESS: 4939 Cross Bayou Blvd
 New Port Richey, Florida 34652-3434

PERMIT NUMBER: FLA010521-007-DW3P

FACILITY: Lakeside Waterworks WWTF
 LOCATION: 100 Shangri-La Blvd
 Leesburg, FL 34788-

LIMIT: Final
 CLASS SIZE: N/A
 MONITORING GROUP NUMBER: RMP-Q
 MONITORING GROUP DESCRIPTION: Biosolids Quantity

REPORT FREQUENCY: Monthly
 PROGRAM: Domestic

COUNTY: Lake
 OFFICE: Central District

RE-SUBMITTED DMR:
 NO DISCHARGE FROM SITE:
 MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading	Units	Quality or Concentration	Units	No. Ex.	Frequency of Analysis	Sample Type
Biosolids Quantity (Transferred)	Sample Measurement							
PARM Code B0007 + Mon. Site No. RMP-1	Permit Requirement	Report (Mo. Total)	dry tons				Monthly	Calculated
Biosolids Quantity (Landfilled)	Sample Measurement							
PARM Code B0008 + Mon. Site No. RMP-1	Permit Requirement	Report (Mo. Total)	dry tons				Monthly	Calculated

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DAILY SAMPLE RESULTS - PART B

Permit Number:
Monitoring Period

FLA010521-007-DW3P

From: _____ To: _____

Facility: Lakeside Waterworks WWTF

	BOD, Carbonaceous 5 day, 20C mg/L	Chlorine, Total Residual (For Disinfection) mg/L	Coliform, Fecal #/100mL	Solids, Total Suspended mg/L	pH s.u.	Flow (Total to R-001 spayfield) MGD	Flow (Total to R-002 RIB) MGD	Flow (Total flow thru plant) MGD		
Code	80082	50060	74055	00530	00400	50050	50050	50050		
Mon. Site	EFA-1	EFA-1	EFA-1	EFA-1	EFA-1	FLW-1	FLW-2	FLW-3		
1										
2										
3										
4										
5										
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24										
25										
26										
27										
28										
29										
30										
31										
Total										
Mo. Avg.										

PLANT STAFFING:

Day Shift Operator Class: _____ Certificate No: _____ Name: _____

Evening Shift Operator Class: _____ Certificate No: _____ Name: _____

Night Shift Operator Class: _____ Certificate No: _____ Name: _____

Lead Operator Class: _____ Certificate No: _____ Name: _____

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. Facilities who submit their DMR(s) electronically through eDMR do not need to submit a hardcopy DMR. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used, unless indicated otherwise in the permit or on the DMR:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign (" $<$ ") followed by the laboratory's MDL value, e.g. <0.001 . A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

Resubmitted DMR: Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)

No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units. Data qualifier codes are not to be reported on Part A.

No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.

Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.

Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

ISSUANCE/REISSUANCE DATE:

DEP Form 62-620.910(10), Effective Nov. 29, 1994

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.

Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.

Time Sample Obtained: Enter the time the sample was taken.

Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Data qualifier codes are not to be reported on Part D.

Detection Limits: Record the detection limits of the analytical methods used.

Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.

Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)

Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).

Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.

Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.

No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.

CBOD₅: Enter the average CBOD₅ of the reclaimed water discharged during the period shown in duration of discharge.

TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.

Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.

Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.

No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.

Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

ISSUANCE/REISSUANCE DATE:

DEP Form 62-620.910(10), Effective Nov. 29, 1994

**STATEMENT OF BASIS
FOR
STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT**

PERMIT NUMBER: FLA010521-007
FACILITY NAME: Lakeside Waterworks WWTF
FACILITY LOCATION: 100 Shangri-La Blvd, Leesburg, FL 34788
Lake County
NAME OF PERMITTEE: Lakeside Waterworks, Inc.
PERMIT WRITER: Charles LeGros

1. SUMMARY OF APPLICATION

a. Chronology of Application

Application Number: FLA010521-007-DW3P
Application Submittal Date: March 03, 2016

b. Type of Facility

Domestic Wastewater Treatment Plant
Ownership Type: Private
SIC Code: 4952

c. Facility Capacity

Existing Permitted Capacity:	0.050 mgd Annual Average Daily Flow
Proposed Decrease in Permitted Capacity:	0.035 mgd Annual Average Daily Flow
Proposed Total Permitted Capacity:	0.015 mgd Three Month Average Daily Flow

d. Description of Wastewater Treatment

An existing 0.050 million gallon per day (mgd) annual average daily flow (AADF) permitted capacity step aeration activated sludge domestic wastewater treatment facility consisting of aeration, secondary clarification, chlorination, and aerobic digestion of biosolids. **The permit is being revised to reduce the permitted capacity to 0.015 MGD TMADF.** Modifications will be made at the plant including installation of a new splitter box, three new 5,000 gallon aeration chambers and one new 5,000 gallon digester. The modified facility will be operated as an extended aeration wastewater treatment plant.

e. Description of Effluent Disposal and Land Application Sites

Land Application R-001: An existing 0.050 MGD annual average daily flow design capacity slow-rate restricted public access system, with a permitted capacity of 0.015 MGD AADF. R-001 is a reuse system which consists of a sprayfield with a total wetted area of 3.2 acres located approximately at latitude 28°51' 33" N, longitude 81°45' 18" W. **Flow to the sprayfield will be limited to 0.015 MGD AADF, the new permitted capacity of the wastewater treatment plant.**

Land Application R-002: An existing 0.013 MGD annual average daily flow permitted capacity rapid infiltration basin system. R-002 is a reuse system which consists of a rapid infiltration basin for wet weather conditions with a total wetted area of 0.080 acres located approximately at latitude 28°51' 33" N, longitude 81°45' 18" W.

2. SUMMARY OF SURFACE WATER DISCHARGE

This facility does not discharge to surface waters.

3. BASIS FOR PERMIT LIMITATIONS AND MONITORING REQUIREMENTS

This facility is authorized to direct reclaimed water to Reuse System R-001, a slow-rate/restricted public access system, based on the following:

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Flow (Flow to R-001 sprayfield)	MGD	Max	0.015	Annual Average	62-600.700(2)(b) & 62-610.810(5) FAC
		Max	Report	Monthly Average	62-600.700(2)(b) & 62-610.810(5) FAC
		Max	Report	Monthly Average	62-600.700(2)(b) & 62-610.810(5) FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	20.0	Annual Average	62-610.410 & 62-600.420(3)(a)1. FAC
		Max	30.0	Monthly Average	62-610.410 & 62-600.420(3)(a)2. FAC
		Max	45.0	Weekly Average	62-610.410 & 62-600.420(3)(a)3. FAC
		Max	60.0	Single Sample	62-610.410 & 62-600.420(3)(a)4. FAC
Solids, Total Suspended	mg/L	Max	20.0	Annual Average	62-610.410 & 62-600.420(3)(b)1. FAC
		Max	30.0	Monthly Average	62-610.410 & 62-600.420(3)(b)2. FAC
		Max	45.0	Weekly Average	62-610.410 & 62-600.420(3)(b)3. FAC
		Max	60.0	Single Sample	62-610.410 & 62-600.420(3)(b)4. FAC
Coliform, Fecal	#/100mL	Max	200	Monthly Geometric Mean	62-610.410 & 62-600.440(5)(a)2. FAC
		Max	200	Annual Average	62-610.410 & 62-600.440(5)(a)1. FAC
		Max	800	Single Sample	62-610.410 & 62-600.440(5)(a)4. FAC
pH	s.u.	Min	6.0	Single Sample	62-600.445 FAC
		Max	8.5	Single Sample	62-600.445 FAC
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	62-610.410 & 62-600.440(5)(c) FAC
Nitrogen, Total	mg/L	Max	Report	Single Sample	62-600.650(3) FAC
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	62-600.650(3) FAC

This facility is authorized to direct reclaimed water to Reuse System R-002, a rapid infiltration basin system, based on the following:

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Flow (RIBs)	MGD	Max	0.013	Annual Average	62-600.400(3)(b) & 62-610.810(5) FAC
		Max	Report	Monthly Average	62-600.400(3)(b) & 62-610.810(5) FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	20.0	Annual Average	62-610.510 & 62-600.740(1)(b)1.a. FAC
		Max	30.0	Monthly Average	62-600.740(1)(b)1.b. FAC
		Max	45.0	Weekly Average	62-600.740(1)(b)1.c. FAC
		Max	60.0	Single Sample	62-600.740(1)(b)1.d. FAC

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Solids, Total Suspended	mg/L	Max	20.0	Annual Average	62-610.510 & 62-600.740(1)(b)1.a. FAC
		Max	30.0	Monthly Average	62-600.740(1)(b)1.b. FAC
		Max	45.0	Weekly Average	62-600.740(1)(b)1.c. FAC
		Max	60.0	Single Sample	62-600.740(1)(b)1.d. FAC
Coliform, Fecal	#/100mL	Max	200	Monthly Geometric Mean	62-600.440(4)(c)2. FAC
		Max	200	Annual Average	62-610.510 & 62-600.440(4)(c)1. FAC
		Max	800	Single Sample	62-600.440(4)(c)4. FAC
pH	s.u.	Min	6.0	Single Sample	62-600.445 FAC
		Max	8.5	Single Sample	62-600.445 FAC
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	62-610.510 & 62-600.440(4)(b) FAC
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	62-610.510(1) FAC

Other Limitations and Monitoring Requirements:

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Flow (Total flow thru plant)	MGD				
		Max	0.015	3-Month Rolling Average	62-600.700(2)(b) FAC
		Max	Report	Monthly Average	62-600.700(2)(b) FAC
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	62-600.405(4) FAC
*BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	62-600.660(1) FAC
*Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	62-600.660(1) FAC
Monitoring Frequencies and Sample Types	-	-	-	All Parameters	62-600 FAC & 62-699 FAC and/or BPJ of permit writer
Sampling Locations	-	-	-	All Parameters	62-600, 62-610.412, 62-610.463(1), 62-610.568, 62-610.613 FAC and/or BPJ of permit writer

*Influent sampling continued as annually in accordance with Rule 62-600.650(3), FAC and in conjunction with the last permit.

4. DISCUSSION OF CHANGES TO PERMIT LIMITATIONS

The current wastewater permit for this facility FLA010521-007-DW3P expires on June 21, 2021. This is a permit renewal that also includes construction of new aeration basins. They will be smaller and therefore limit the capacity from 0.050 MGD to 0.015 MGD. It will be operated in extended aeration mode which will significantly reduce staffing requirements. The flow limit for the facility was revised to three month rolling average instead of annual average due to the season nature of the occupancy as well as the rate structure approved by the Public Service Commission.

The Sprayfield and RIBs were broken out in this permit into separate R-001 and R-002 similar to the 1996 permit.

5. BIOSOLIDS MANAGEMENT REQUIREMENTS

Biosolids generated by this facility may be transferred to A-Able Biosolids Treatment Facility or disposed of in a Class I solid waste landfill.

See the table below for the rationale for the biosolids quantities monitoring requirements.

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Biosolids Quantity (Transferred)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. FAC
Biosolids Quantity (Landfilled)	dry tons	Max	Report	Monthly Total	62-640.650(5)(a)1. FAC
Monitoring Frequency	All Parameters				62-640.650(5)(a) FAC

6. GROUND WATER MONITORING REQUIREMENTS

This section is not applicable to this facility.

7. PERMIT SCHEDULES

The following improvement actions shall be completed according to the following schedule:

Improvement Action	Completion Date
1. Begin construction of plant modifications	07/01/2016
2. Complete construction of plant modifications	02/01/2017
3. Register for and begin using the Departments EzDMR system, per condition I.B.7 of this permit	01/01/2017

[62-620.320(6)]

8. INDUSTRIAL PRETREATMENT REQUIREMENTS

At this time, the facility is not required to develop an approved industrial pretreatment program. However, the Department reserves the right to require an approved program if future conditions warrant.

9. ADMINISTRATIVE ORDERS (AO) AND CONSENT ORDERS (CO)

This permit is not accompanied by an AO and the permittee has not entered into a CO with the Department.

10. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

11. THE ADMINISTRATIVE RECORD

The administrative record including application, draft permit, fact sheet, public notice (after release), comments received and additional information is available for public inspection during normal business hours at the location specified in item 13. Copies will be provided at a minimal charge per page.

12. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Notice of Intent to Issue	May 3, 2016
Notice of Permit Issuance	June 27, 2016

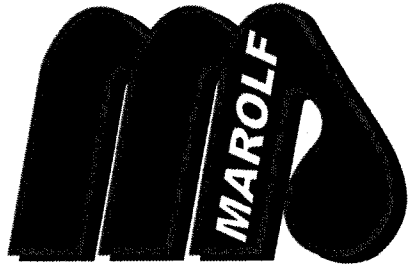
13. DEPARTMENT CONTACT

Additional information concerning the permit and proposed schedule for permit issuance may be obtained during normal business hours from:

Charles (Chuck) LeGros
Engineer IV
Charles.legros@dep.state.fl.us

3319 Maguire Blvd
Suite 232
Orlando, FL 32803-3767

Telephone No.: (407) 897-4100



ENVIRONMENTAL, INC.

4430 Erie Drive
New Port Richey, Florida 34652
Phone (727) 843-0681
Fax (727) 843-0650
License # CGC1511379

May 27, 2016

US Water Services Corporation
4939 Cross Bayou Blvd.
New Port Richey, FL 34652

Attn: Keith Keegan, P.E.

Re: Lakeside Waterworks, Inc. WWTF

We are pleased to offer our **BUDGET** quotation for the following:

- Marolf precast concrete tanks: Three (3) 5,000 gal. Aeration tanks
- One (1) 5,000 gal. Digester tank
- 3" PVC RAS & WAS piping and valves
- 6" PVC piping w/ valves for transfer between Aeration & Clarifier
- Duplex (2) 5 hp PD Blower/ Motor ass'y with intake & discharge silencers, valve ass'y & PRV
- Sch. 40 galv. Air piping, drop pipes, valves and PVC Diffusers
- Blower/ motor control panel w/ nema 4x enclosure (new aeration & digester)
- Aluminum grating for tank top opening
- Aluminum ladder and handrail for new tanks
- Holes cored for all transfer piping w/ core-n-seal boots and ss straps
- Water stop gasket material and tank sealent
- Freight to job site
- Crane to set structures
- Site work & excavation
- On plant wiring (blowers wired to new panel)
- Demo existing steel tanks
- Assembly on site
- (1) start-up and O & M manuals

Price: \$ 98,210.00 Deduct: (\$2,300.00 for Aluminum handrail)

Notes: (Items not included)

Applicable taxes, bonding, permits, survey or as built, water supply, housing or access road, new electrical service or dewatering.

Thank you for considering Marolf Environmental, Inc.

Payment Terms:

Progress payments

Price is firm for 30 days.

Purchaser's execution of this quotation constitutes an offer to purchase the above, subject to above terms. Jurisdiction remains in Pasco County, Florida

By: _____

For: _____

Date: _____

By: _____

MAROLF ENVIRONMENTAL, INC.



4939 Cross Bayou Boulevard
New Port Richey, FL. 34652

Proposal

Project Number	
2535-08	

Date	Account #
8/5/2016	2535

Project Contact

Bill To:
Lakeside Waterworks

Effective Term	Project
30 Days	Lakeside Waterworks WWTF Modifications

Description	Qty	Unit	Cost	Total
Lakeside Waterworks WWTF Modifications				
US Water will provide all labor and Material to Replace the existing steel Aeration and Digester Tanks with concrete Tanks, 2 New Digester Blowers, and assorted piping and Valves				
3-5000 Gallon Aeration Tanks, 1-5000 Gallon Digester			\$33,512.40	\$33,512.40
2- 5HP Digester Blower Assembly's Panel			\$12,914.47 \$3,257.51	\$12,914.47 \$3,257.51
Air Header Piping Ras/Was Piping Diffuser System			\$10,914.00	\$10,914.00
Bar screen / Splitter box			\$6,031.65	\$6,031.65
Equipment Rental Labor			\$7,704.00 \$22,500.00	\$7,704.00 \$22,500.00
Items not included: Bonding, Permitting, Survey, Water Supply, Dewatering				

Thank You for allowing us to present this proposal. Total \$ 96,834.03

Phone #	Fax #	Toll Free
727-848-8292	727-849-8860	866-753-8292

Signature to begin work: _____

PO Box 100608 Atlanta, GA 30384-0608
 adbilling@tribune.com 844-348-2445

INVOICE and SUMMARY

Billed Account # CU00427180
 Client Account #
 Invoice # 002692089
 Client Name

Billing Period 05/02/2016 - 05/08/2016
 Due Date 06/07/2016

Florida Department Of Environmental Protection
 Linda Quinn-Godwin
 2600 Blairstone Rd
 MS 3555
 TALLAHASSEE, FL 32399

TOTAL AMOUNT DUE 269.26

To ensure proper credit, please detach and return with remittance.

Detail

Date	Tribune Reference #	Description	Ad Size/ Units	Rate	Gross Amount	Net Amount
Current Activity						
05/07/2016	OSCM223011	PO#2535-02 Classified Listings, Online 2535-02 4167069 Total Current Advertising			269.26	269.26
						269.26

Entered: [Signature]
COA Code: 354
Approved: @ 8-11-16
Paid:
Date:

Engineering Job.
Lake side Waterworks
WWTP Modifications

Current	1-30	31-60	61-90	91+ Days	Unapplied Amount	TOTAL:
269.26	0.00	0.00	0.00	0.00	0.00	269.26

Billed Period 05/02/2016 - 05/08/2016 Billed Account # CU00427180 Billed Account Name Florida Department Of Environmental Protection Client Account # Client Account Name

Order ID: 4167069

* Agency Commission not included

GROSS PRICE * : \$269.26

PACKAGE NAME: Lake

Product(s): Lake Zone, Affidavit, Floridapublicnotices.com, Classifieds.OS.com_Legals

AdSize(s): 1 Column,

Run Date(s): Saturday, May 07, 2016

Color Spec. B/W

Preview

**STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL PROTECTION
NOTICE OF INTENT TO ISSUE PERMIT**

The Department of Environmental Protection gives notice of its intent to issue a permit to Lakeside Waterworks, Inc (4939 Cross Bayou Blvd, New Port Richey, FL) to renew the Lakeside Waterworks WWTF operating permit, reduce the permitted capacity, and construct a splitter box, aeration tanks and aerobic digester at the existing domestic wastewater treatment facility. The facility is located at 100 Shangri-La Boulevard, Leesburg, FL 34788, and serves the Shangri-La Mobile Home Park. The Department has assigned File Number FLA010521-006 to the project.

The intent to issue and application file are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department's Central District Office, 3319 Maguire Blvd, Suite 232, Orlando, Florida 32803-3767, at phone number (407)897-4100.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, Florida Statutes, within fourteen days of receipt of notice. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may



Order ID: 4167069

* Agency Commission not included

GROSS PRICE * : \$269.26

PACKAGE NAME: Lake

petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Under Rule 62-110.106(4), Florida Administrative Code, a person may request an extension of the time for filing a petition for an administrative hearing. The request must be filed (received by the Clerk) in the Office of General Counsel before the end of the time period for filing a petition for an administrative hearing.

Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), Florida Statutes, must be filed within fourteen days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first. Section 120.60(3), Florida Statutes, however, also allows that any person who has asked the Department in writing for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition or request for an extension of time within fourteen days of receipt of notice shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, Florida Statutes. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information, as indicated in Rule 28-106.201, Florida Administrative Code:
(a) The name and address of each agency affected and each agency's file

Order ID: 4167069

* Agency Commission not included

GROSS PRICE * :

\$269.26

PACKAGE NAME: Lake

or identification number, if known;

(b)The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; 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 determination;

(c)A statement of when and how the petitioner received notice of the Department's 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 the petitioner contends warrant reversal or modification of the Department's proposed action;

(f)A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's proposed 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 the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's proposed action.

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 have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation under Section 120.573, Florida Statutes, is not available for this proceeding.

LAKESIDE WATERWORKS, INC.

April 5, 2016

Terrance E. Micket, President
Shangri-La by the Lake Mobile Homeowners' Association
240 Taipei Island Rd.
Leesburg, FL 34788

RE: Homeowner's Association Letter dated March 18, 2016

Dear Mr. Micket:

We have received your Homeowner's Association letter dated March 18, 2016 concerning Lakeside Waterworks, Inc. I would like to take this opportunity to respond to your HOA's concerns.

Historical Perspective

Lakeside Waterworks, Inc. (Lakeside) purchased this utility on October 18, 2012. The President of Lakeside and U.S. Water Services met with the homeowners association on May 2, 2013. At this informational meeting, the existing condition of both the water and wastewater systems were discussed. During the due diligence of the system there were several items identified as needing repairs and/or replacements. A presentation was made identifying these items and the potential costs. It was explained that there were possibly two phases to these improvements and potential rate increases. Among the items identified for the first phase of improvements were electrical upgrades, replacement of chlorine pumps and piping, lift stations rehabilitations, and replacement of the lift station building. The first phase of improvements were estimated to cost approximately \$78,000.

The second phase of improvements were primarily for the replacement of the wastewater treatment plant. The second phase of improvements was estimated to cost approximately \$92,000. During this presentation to the HOA, Lakeside explained the potential impact of these improvements on the utility's revenue requirement, as well as the impact on the customers' rates and bills.

Lakeside explained that it would require a Staff Assisted Rate Case (SARC) in May 2013. Also that a subsequent SARC would be required approximately 12 -18 months from the Phase I rate increase. It was discussed that there is a "balancing act" between the needed capital improvements and rates. The discussion was held that when additional capital is invested in the water and wastewater plants, there is an upward effect on the customers' rates. Therefore, each capital improvement is carefully considered before moving forward in order to keep rate impact at a minimum. Lakeside has attempted to prolong these improvements if possible where they may not be immediately needed or required in order to keep the customers' rates at an affordable level.

However, Lakeside made numerous necessary replacements and upgrades to the water and wastewater systems. The disinfection system of chlorine pumps had to be upgraded from a single manual pump to four (4) automated pumps to run simultaneous with the wells. The aeration system needed upgrades. Also for safety, the catwalks at the wastewater plant had to be repaired.

Lakeside has also made improvements to the aeration treatment for the naturally occurring hydrogen sulfides in the water. This naturally occurring element can cause a "rotten egg" smell. This rotten egg smell can occur in residences that are left vacant for a long period of time when the water has become

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stale due to lack of movement. Again, this is exacerbated in systems that experience seasonal customers, such as Lakeside. Customers are often informed to flush the inside lines to bring in fresh water and increase total chlorine residual to maintain water quality. Heating the water can also liberate the residual sulfides, such as inside water heaters. When there are any sulfur compounds available, the result would be the formation of hydrogen sulfide, which is a rotten egg odor causing gas.

Prior to the acquisition, the current owners discussed the water quality issues and the current treatment system that was previously installed by the prior owner. Lakeside has made numerous improvements to both the water and wastewater systems to improve efficiencies, as well as to improve the quality of service provided to its customers. This included the installation of additional chlorine pumps in order to (1) eliminate uncontrolled pre-chlorination prior to aeration; (2) improve chlorine residuals in the ground storage tank; and, (3) improve chlorine residuals throughout the distribution system. These improvements also included repairs to pressure switches to improve the water pressure in the distribution system.

In addition, Lakeside has worked with the customers to implement a flushing program throughout the distribution system. The majority of the customer base is highly seasonal. When the customers are not in residence the bacterial organisms that feed on the remaining hydrogen sulfides are able to reproduce in both the dormant distribution lines, and in particular the residents' hot water heaters inside their homes. Lakeside discussed this with several customers immediately after the customer meeting discussed below.

Recent Staff Assisted Rate Case (SARC)

Lakeside filed for a SARC on July 19, 2013. Prior to that, this utility had not had a rate case completed. In the SARC the Florida Public Service Commission (FPSC) approved a Settlement Agreement entered into between the Office of Public Counsel, the Utility, and the Shangri La by the Lakes Homeowners Association in Order No. PSC-15-0013-PAA-WS, issued January 2, 2015 (SARC Order). In the Settlement Agreement, the parties agreed to a phase in of the rates through Phase I rates and Phase II rates one year later.

As agreed to in the Settlement Agreement, the Phase II rates were to recover the operating margin portion of the rate increase one year after the implementation of Phase I rates. In addition, the FPSC approved proforma plant items that Lakeside installed after the filing of the SARC.

Specifically the FPSC SARC Order states:

As shown in Table 2, the Utility is requesting cost recovery for \$10,075 in water and \$3,690 in wastewater pro forma plant. The Utility has completed the work described below and provided invoices which we have reviewed.

Lakeside provided two invoices for repairs at the water treatment plant, asserting the replacements and repairs were necessary to comply with a regulatory mandate.¹ The first invoice was for \$5,296 and the second was for \$1,766, for a total of \$7,062. In a data request response filed June 5, 2014, the Utility stated that there are no specific cost savings associated with completing this project. In a data request response filed October 15, 2014, the Utility stated that the additional pumps will improve the removal of hydrogen sulfides, improve chlorine residuals in the tank and distribution system, and also discourage algae growth in the treatment system components. We have reviewed the invoices and description of the work performed, and find that the pro forma plant repairs are justified and prudent. Thus, we shall approve \$7,062 in pro forma water plant.

Lakeside provided two invoices related to repair work on water mains. The first invoice was for \$1,233 for an emergency repair of a 6-inch water main and the second was for \$1,780 for repairing a 4-inch water main. The total of these two invoices is \$3,013. We have reviewed the

¹ Pursuant to Rule 62-555.320(12)(d), F.A.C.

invoices and description of the work performed, and find that these pro forma items are justified and prudent. Thus, we shall approve \$3,013 in pro forma water plant.

Lakeside provided an invoice for \$3,690 for work at the wastewater treatment plant. Two new stenner pumps were installed, and repair work was performed on the air header, the four diffusers, and the manifold at the plant. In addition, the steel walkways and handrails were reinforced, as needed, and other minor repairs were performed. The Utility asserted the work at the wastewater treatment plant was necessary to comply with a regulatory mandate.² In a data request response filed June 5, 2014, the Utility stated that there are no specific cost savings associated with completing this project. We have reviewed the invoice and description of the work performed, and find that this pro forma item is justified and prudent. Thus, we shall approve \$3,690 in wastewater pro forma plant.

Lakeside has requested cost recovery for the pro forma plant as shown in Table 2. We note that the associated retirements are \$6,563 for water and \$2,768 for wastewater. The Utility has completed the work described for these projects and provided invoices which we have reviewed. Thus, we shall approve \$10,075 in water and \$3,690 in wastewater pro forma plant.

During the SARC, the FPSC staff conducted a customer meeting to solicit comments from Lakeside's customers. The meeting was held at Shagri La by the Lakes on September 11, 2014.

The FPSC SARC Order states:

A customer meeting was held in Leesburg, Florida on September 11, 2014. Eighty-five residents of Lakeside's territory attended the meeting and twenty-three residents spoke. Letters from two residents who were unable to attend were read. A representative of Senator Hays addressed the group and questioned the appropriateness of a large rate increase. All of the customers who spoke were concerned about the rate increase.³ Customers also expressed concerns regarding (1) additional services they would get for the higher-priced water; (2) black rings in the toilet; (3) water quality and safety; (4) three years of identical numbers in test results; (5) affiliate transactions; and (6) irrigation meters. Affiliate transactions are discussed below under the heading "Test Year Rate Base" and the rates for irrigation meters are discussed below under the heading "Rate Structures." Questions regarding additional services appear to assume that Lakeside's request for rate relief is driven by providing new services; the Utility's need for rate relief is addressed throughout this Order. Regarding water quality, Lakeside's last water quality test showed that the water was well below the MCLs for all primary and secondary water quality standards required by DEP, ensuring that the water is safe to drink. Regarding identical test year results, DEP requires the tests to be performed every three years, and the last test was performed in 2012. Thus, the results reported in the annual CCRs are expected to reflect the same test results until new tests are conducted in 2015. Regarding black rings that form in the toilets, we find the Utility's suggestion that the black rings are caused by mold that grows quickly in Florida's warm, moist climate, and not by poor water quality, to be reasonable. After the customer meeting, Lakeside met with customers and followed up on quality of service comments made at the meeting. The Utility reported its actions in response to these concerns and we find the disposition of these issues to be acceptable.

There are no outstanding complaints in the Commission's Complaint Tracking System, no complaints were filed with DEP during the test year, and Lakeside stated that no complaints have been filed with the Utility.

Upon review, we find that the condition of the water and wastewater treatment facilities is satisfactory, and that the water provided by Lakeside is meeting applicable water quality

² Pursuant to Rules 62-600.410(1), 62-600.410(6), and 62-600.410(8), F.A.C.

³ We also received written comments from customers, primarily addressing concerns over rates.

Shangri La by the Lakes Homeowners Association

standards, including primary and secondary standards, as prescribed in the DEP rules. We also find that the Utility has attempted to address customer concerns. Therefore, we find that the overall quality of service for the Lakeside water and wastewater systems in Lake County is satisfactory.

Prior to the customer meeting, Lakeside had received no water quality complaints. Lakeside reviewed the customer service records and found that no customer had contacted the utility concerning the quality of service. Immediately after the customer meeting, Lakeside met with customers who expressed that their service was satisfactory and they had not experienced any problems since the new ownership. In addition, the day after the customer meeting, Lakeside had U.S. Water Services' staff investigated each customer's complaint and found no unusual water quality issues. Lakeside flushed the water lines and reviewed flushing procedures and found no anomaly in the water quality.

Lakeside had the field employees meet with several of the customers in the service area subsequent to the customer meeting. Each of the customers the field employees contacted expressed their experience that the quality of the service had improved under the new ownership. Specifically, the 4 to 5 customers indicated that the water pressure had improved and the smell of the water had improved since the change in ownership.

The Phase I rates were implemented on January 28, 2015; and the Phase II rates were recently implemented on January 28, 2016.

Below, Lakeside provides responses to your March 18, 2016 letter.

Quality of Water

Your letter indicated that the residents feel the water is unsafe to drink. Also, the letter questions the test results. Lakeside is regulated environmentally by the Florida Department of Protection (FDEP). Pursuant to the FDEP's rules and its current permit, Lakeside is required to perform regularly scheduled testing. Below is a table reflecting the required testing by FDEP.

Monitoring & Reports	Due	Comments
Microbiological ("Bacte")	Monthly	Disinfectant residuals must be reported individually and averaged on bacte reports. Compliance for maximum disinfectant residual level is based on a running annual average.
Monthly Operations Reports (MORs)	Monthly	Include information about maintenance and/or abnormal occurrences & CT calcs. If required.
Nitrate and Nitrite	2016	Sample at each POE every year.
Primary Inorganics	2018	Sample at each POE every 3 years
Secondaries	2018	Sample at each POE every 3 years
Radiologicals (Gross Alpha & Radium 228)	2018	Sample at each POE every 3 years
Volatile Organic Contaminants (VOC)	2018	Sample at each POE every 3 years
Synthetic Organic Contaminants	2018	Sample at each POE every 3 years.
Stage 2 Disinfection Byproducts (DBPs) and Disinfection Byproduct Reports (Total Trihalomethanes & Haloacetic Acids)	July – Sept 2018	Begin <u>reduced</u> (triennial) testing July-Sept. 2015.
Asbestos	2020-2021	Certification or results due every 9 years.
Lead & Copper (Tap Sampling)	June – Sept 2018	10 locations. Testing in accordance with

		most recently approved sampling plan.
Consumer Confidence Reports (CCR)	July 1, 2016 and August 10, 2016	

Lakeside is current with all required FDEP testing and has not exceeded any MCL since the utility was acquired. As explained above from the excerpt from the FPSC order, for the tests that occur every 3 years or every 9 years, the CCRs will reflect that same result until the utility is required to take the next sample. The most recent three year tests were taken last year in 2015. Lakeside has attached its test results submitted to the FDEP for the years 2013, 2014, 2015, and 2016 year to date.

Concerning the test results reported in Lakeside's Consumer Confidence Reports (CCR), these test results come from the third party independent state certified lab that U.S. Water provides under its operations contract. Lakeside has reviewed the annual CCRs and found them to be correct. Some customers may be confused due to the fact that the samples they were looking at were samples results taken in 2012 or 2014 but these tests are only taken every three years. Several of these test results contained in the CCR are "tri-annual" tests – or test that must be done every three years pursuant to the Florida Department of Environmental Protection (FDEP) rule requirements. The reason the customers are seeing the same result on the CCRs for these tri-annual tests is that they are only performed every three years, as required. The next testing cycle for these tests were recently taken in 2015. Until these most recent tests, these numbers have remained the same from the previous test results. These CCR reports are approved by FDEP before they can be released to the customers. Again, all testing is completed by a FDEP/FDOH state certified independent laboratory not affiliated with US Water Services.

The water quality provided by Lakeside meets all federal, state (FDEP), and local (DOH) standards. If an exceedance should occur, Lakeside will meet all FDEP required noticing of the customers. To date there has been no occasion to require customer noticing of any exceedance. Therefore, the water is safe.

Recently one of the wells providing water to the community collapsed and had to be retired. The collapse of this existing well was an unforeseen and unfortunate event which was not anticipated. This is discussed further in Lakeside's response. However, prior to this well being taken out of service, customers may have experiences brownish colored water and a loss of pressure. The FDEP was notified of this abnormal occurrence. Precautionary Boil Water notices were distributed to the customers until the required Bacte samples results were received. The Bactes came back absent and Rescission Notices were distributed.

A new well has recently been installed and Lakeside is awaiting clearance from the FDEP to place the well into service. All required testing of the new well have been accomplished and the results have been sent to FDEP for review.

In addition, there were four (4) water main breaks that occurred since 2014. At the time of the main breaks customers may have experienced discolored water. The FDEP was notified of each of these abnormal occurrences. Precautionary Boil Water notices were distributed to the customers for each occurrence until the required Bacte samples results were received. All of the Bactes came back absent and Rescission Notices were distributed.

Recently, there were incidents related to air in the water. This was caused by the air compressors at the water treatment tank for the storage tank. Currently, these are manually operated to supply the required aeration to the water tanks. Unfortunately, they were left running too long and caused excess air in the water. Lakeside is planning to replace this system with automated aeration at the plant. The utility is currently ordering the equipment and plans to install these in the near future.

Several customers observed "milky" or "cloudy" water as a result. One customers contacted the Florida Health Department and FDEP concerning the air in the water. The Lake County Health Department came out and tested the customer's water. These results were forwarded to you the President. In addition, below is the FDEP summary:

I've attached the bacteriological test results collected by the Department of Health last week. The test is absent for bacteria and the disinfectant residual is well above the minimum required residual.

As we discussed over the phone, your water distribution lines are under pressure and it is not uncommon to have some air in the lines. In this situation, a malfunction at the water plant caused extra air to be released into the lines. When there is excessive air trapped in your water, millions of very tiny bubbles will appear when the pressure is released, giving the water a cloudy or white, milky appearance. They're harmless and not a health concern, and they will not damage your plumbing or appliances. Although you've been experiencing more air in the lines than normal, the reading on the water meter should not be affected.

Water Pressure

Lakeside has not received any pressure related calls which were not related to the main breaks discussed above. There have been no high pressure calls received. There were a few low pressure questions which were investigated and resolved. If specific customers have pressure concerns they should call the customer service toll free number so a technician can come to their homes and investigate. Also, we would place data loggers at specific sites to record the water pressure over an extended period of time.

Several customer complaints have been received stating that the pressure and air is "erratic" and makes the pipes bang and rumble. In your letter you state that some customers have had to replace plumbing lines due to the sudden pressure bursts.

This may be caused by various normal operating issues. Air trapped in household plumbing is a relatively common issue. The following website has useful and helpful information and recommendations: <http://homeguides.sfgate.com/troubleshoot-air-plumbing-pipes-67797.html>

In addition, several customers questioned whether the recent air in the lines will affect their water meter readings. As stated above from the Florida Department of Environmental Protection, "Although you've been experiencing more air in the lines than normal, the reading on the water meter should not be affected."

Billing Errors

Lakeside has reviewed its billing records to analyze adjustments made to customers' bills. There have been 50 error driven adjustments on 28 individual accounts since 1/11/2013. This represents an average of 0.73 error driven billing adjustments per month since 2013. For the past two years, it has been around 10 adjustments for the entire year. The majority of these were related to the wrong meter readings being entered and for adjustments related to move outs of customers. In each instance adjustments were made to customers' accounts to correct the errors.

The most recent error was related to a prorated billing of the base facility charge to Residential Irrigation Customers. As you are aware, the FPSC has established that the Residential Irrigation Customers are only to be billed for the gallonage used. The most recent customer notice for Phase II rates indicated that all irrigation customers would be billed the base facility charge. This was not caught by either the FPSC or Lakeside. Unfortunately, for the first month Lakeside billed these customers in error. There was a \$6.77 charge for the prorated period. However, this was caught when customers contacted the utility and it was addressed immediately. All the customers received a credit on the March bill and we included a bill message on the bills explaining the error. All customers that contacted the utility were satisfied with this resolution.

Also, when rate increases/decreases are implemented, a proration of the charge is necessary. This is due to the fact that the rate change occurs sometime within the billing period. Therefore, the old rates are to be charged for the period of time prior to the effective date and the new rates are charge only for the period of time subsequent to the effective date. Unfortunately, this sometimes causes confusion with the customers when they see multiple charges on the bills for the month the rates go into effect. However, this is the most efficient and appropriate method to ensure the customers are billed correctly and are appropriately charged the correct rates during the period the rates are in effect. This only occurs when the rate changes.

As far as notification of rate changes and rate case applications, Lakeside follows all FPSC requirements contained in their rules and regulations. Lakeside works cooperatively with the FPSC to ensure that all required notices are first approved by the FPSC and are mailed out at the prescribed times as required by rule. When both the Phase I and Phase II rates were implemented, the FPSC approved the customer notice prior to mailing. For the most recent Phase II rate increase, the customer notice was mailed to all of Lakeside customers on January 5, 2016. All customers were mailed this FPSC approved customer notice prior to the implementation of the rates.

Lakeside intends to file for a SARC this year. This will be addressed further in this letter.

Irrigation Meter Removal

Lakeside is unaware of any instance where a customer's request to remove an irrigation meter has not been honored. The subject of residential irrigation meters has previously been addressed by the FPSC. In Order No. PSC-00-0259-PAA-WS, issued February 8, 2000, the FPSC stated:

The majority of Shangri-La's customers have in-ground irrigation systems. Specifically, 107 of the utility's 134 customers have an in-ground irrigation system. As of July, 1999, 92 customers obtained their irrigation water from the utility, 12 obtained irrigation water from canals located behind their homes, two had disconnected their irrigation systems, and one obtained irrigation from a private well. During installation of the water meters in the mobile home park, it was discovered that of the 92 customers who obtain their irrigation water from the utility, 68 customers' irrigation systems are connected directly to the utility's water distribution main.

This presents two problems - a health hazard and a lack of metering for water usage. An irrigation system connected directly to a public water system without an appropriate backflow prevention device is considered a health hazard and is prohibited by the Florida Department of Environmental Protection (DEP). The utility has an obligation pursuant to DEP rules to remove the hazard once identified.

The order continued as follows:

Therefore, the utility is required to meter all water sold. At present, the 68 customers discussed above are not properly connected, and thus, their water consumption for irrigation purposes is not being metered or billed. In addition to being a violation of DEP rules and Rule 25-30.255(1), Florida Administrative Code, this situation is unequitable to the 24 customers who are connected properly and are being billed for all water usage.

Rule 25-30.320(2)(h), Florida Administrative Code, states that the utility may discontinue service "without notice in the event of a condition known to the utility to be hazardous." Accordingly, the utility is authorized to disconnect the improperly connected irrigation systems from its water distribution main without notifying the customers. The utility indicated, however, that it would be more appropriate to give the customers an opportunity to choose which method they preferred to use to correct the hazard.

Consequently, on July 8, 1999, the utility issued a notice to all of the customers with improperly connected irrigation systems. The customers were given three options to correct the cross-

connection hazard. First, a customer may repipe his or her irrigation system to connect to the potable water line behind their existing water meter. The water meters installed by the utility contain a backflow prevention device. Therefore, disconnecting the irrigation system from the utility's main and reconnecting it behind the existing meter solves both the cross-connection hazard and lack of metering concern. Second, the customers may request that the utility install a separate water meter on the irrigation line. The utility's currently approved meter installation fee is \$125. The customers were informed that they would be required to pay the approved meter installation fee prior to installation of the separate water meter. Third, the customers may disconnect their irrigation system from the utility's main. The customers were also notified that if they failed to notify the utility of their desired course of action within 40 days, the utility would disconnect their irrigation system from its water distribution main.

The customers who obtain a separate irrigation meter and use less than 6,000 gallons of water inside their homes will receive the benefit of a lower wastewater bill, because they will not be assessed wastewater charges on the portion of their water usage which is strictly for irrigation purposes. The customers who do not obtain a separate irrigation meter will not receive that benefit.

Further the FPSC stated:

The developer of the mobile home park did not purchase or install the irrigation systems. Inasmuch as the customers made the decision to install in-ground irrigation systems, we believe that it is the responsibility of the customers to correct the cross-connection hazard.

The FPSC concluded that for these Residential Irrigation customers it was appropriate to only charge the gallonage charge and no base facility charge. These meters were required to correct the cross connection hazard and properly meter all water consumption.

There is a benefit to the customers in that no wastewater charges will be applied to the irrigation water used. However, if a customer wishes to remove the irrigation meter Lakeside is not opposed. The irrigation systems must be physically disconnected from the utility's water system in order to meet the FDEP rules concerning the cross connection policy. The customers would then have the option of either utilizing potable water to use lawn sprinklers for irrigation or not have any irrigation water at their residence. **Please be aware that there are no base facility charges for these meters, only gallonage is charged if there is usage.** Each irrigation customer should contact Lakeside if they wish for their irrigation meter removed. Lakeside will need to ensure that these irrigation systems are physically disconnected from the utility's main to protect its customers from cross connection hazards.

Upcoming SARC – 2016

As previously discussed, Lakeside has no alternative then proceeding forward with a Staff Assisted Rate Case this coming year. This was addressed previously with the customers at the 2013 meeting. There are two main reasons for the necessity to file for a subsequent SARC. The first deals with the replacement of the water well. In April 2014 we received an emergency call at 12:30 a.m. concerning discolored water. Upon arrival to the site and further investigation, it was found that the North well was not pumping to capacity and was believed to have callapsed. The well was taken out of service. Lakeside contacted an outside well drilling company to investigate and potentially rehab the well. The drilling company made several attempts to resolve the issue in the well. Unfortunately, the well could not be rehabilitated and was found to have collapse and could not be used. There was no alternative then to drill a new water well for the system. Lakeside has spent over \$93,000 on the replacement of this well. We have sent all required documentation and testing to the FDEP and are awaiting final approval and clearance to place this new well into service.

The second items that requires the filing of a SARC is the replacement of the wastewater treatment plant. The existing wastewater treatment plant is physically in a deteriorated state. Lakeside has been attempting to utilize the plant without making major repairs in order to prolong the necessity of replacing

the plant. However, in the last FDEP inspection on October 13, 2015, the FDEP has directed Lakeside to address the issues at the wastewater treatment plant.

In its compliance evaluation inspection e-mail to Lakeside, FDEP stated:

Per Chapter 62-620.610(7): The permittee shall at all times 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.

- b. The catwalk was observed to be corroded in places.
- c. The Bulkhead between the aeration tanks and the digester tank is bowed and separated from the supports. A transfer pipe between the aeration tank and the digester is loose and much of the wall holding it has corroded away.
- d. Many of the tanks cross beam supports are corroded. Much of the tanks upper structure is heavily corroded.

In its response to FDEP, Lakeside stated that the structural issues regarding support beams and bulkhead will be addressed by the Owner, FPSC and customers to determine the repairs or replacement of the plants structures. Lakeside has no alternative then to move forward with the replacement of the wastewater treatment plant. The utility has engineered and designed the new wastewater treatment plant and has sent it to the FDEP for permitting. Lakeside will move forward with obtaining bids for this replacement. This involves replacing the aeration tank and digester tank, as well as replacing the necessary components for proper wastewater treatment.

In the last SARC order, the PSC stated:

Although this facility appears to have no current compliance issues with DEP, Lakeside had initially sought recovery of several pro forma items in this proceeding to cover needed repairs to the system. During our site visit we observed that the condition of the aging system appears to warrant the repairs contemplated by Lakeside. However, Lakeside elected to withdraw the request for recovery of these particular repair costs from this proceeding. We also observed that Lakeside is actively monitoring the condition of the system, and making temporary repairs, as necessary, to ensure the continued safe operation of the WWTP until permanent measures can be completed. Lakeside intends to proceed with the repairs and seek recovery in a future proceeding. Based on Lakeside's proactive approach to ensuring the safe operation of the system now and in the future, and on Lakeside's status with DEP, we find the operational condition of the WWTP to be satisfactory.

The inspection cited above was subsequent to this FPSC order and now Lakeside is out of compliance with the FDEP rules. We are moving forward with this replacement in order to bring the plant back into compliance. Lakeside is considering all viable options in order to keep the cost of this replacement at a minimum. This includes re-permitting the plant to a smaller size. The current plant is oversized and over permitted. We are also considering utilizing some used tanks to keep costs down. It is estimated that this replacement may cost between \$60,000 to \$80,000. All costs will be reviewed by the FPSC in the upcoming SARC.

Lakeside has worked diligently to lower the operating costs, as well as the capital needs in order to delay the need for rate relief. The decision to seek rate relief is not one that the utility has taken lightly. However, Lakeside's current revenues are simply insufficient to continue to meet its utility responsibilities in the manner that the Commission and our customers expect.

Due to the number of letters received and concerns expressed, Lakeside Waterworks, Inc. is extending an offer to come meet with its customers and the homeowners association. If the

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residents wish to accept this offer, please contact me at the number below to make arrangements for the next homeowners association meeting.

If you have any further questions or concerns, please do not hesitate to contact me at either trendell@uswatercorp.net or (727) 848-8292, ext. 245.

Sincerely,

A handwritten signature in black ink, appearing to read "Trendell". The signature is fluid and cursive, with a large initial "T" and "R".

Troy Rendell
Manager of Regulated Utilities
// for Lakeside Waterworks, Inc.

Cc: Andrew Maurey, Division Director, Florida Public Service Commission
Tom Ballinger, Division Director, Florida Public Service Commission