

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Application of Florida Community Water Systems, Inc. for an Amendments to Water Certificate 567-W and Wastewater Certificate 494-S to Extend Water and Wastewater Services to the Goose Creek Development in Lake County	Docket No. 2024xxxxx-WS Filed: October 31, 2024
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APPLICATION TO AMEND WATER AND WASTEWATER CERTIFICATES TO EXTEND WATER AND WASTEWATER SERVICES AND PETITION FOR APPROVAL OF SPECIAL DEVELOPER AGREEMENTS IN LAKE COUNTY

Florida Community Water Systems, Inc. (hereinafter referred to as "FCWS" or "Utility"), by and through its undersigned representative and pursuant Section 367.045, Florida Statutes, and Rules 25-30.036, 25-30.550, and 25-30.585 Florida Administrative Code (F.A.C.), hereby files this Application for Amendment of Certificates requesting amendment to Water Certificate 567-W and Wastewater Certificate 494-S to allow Florida Community Water Systems, Inc. (FCWS) to provide water and wastewater services to a new development in Lake County. FCWS also hereby seeks approval of the associated special developer agreements for both the Goose Creek and the Harbor Shores developments. FCWS In support thereof, FCWS provides the following information.

This request of FCWS involves its Lakeside water and wastewater territory in Lake County. Two parcels of developable land is owned by the Burgland LH. The parcel north of the existing water plant was previously amended into the former Shangri-La by the Lake Utilities, Inc. by Order No. PSC-2006-0095-FOF-WS issued on February 10, 2006. However, this parcel was not developed after this territory amendment. The current owner/developer intends to build 99 single family residential homes on this property referred to as Harbor Shores.

The same owner/developer also plans to build 145 single family residential homes on property to the west of the existing wastewater treatment plant. This project is referred to as Goose Creek. FCWS and the owner/developer have negotiated two separate special developer agreements for each of these projects. Originally, this was going to be a single developer agreement, but has now been split into two separate agreements. Since both projects are contingent upon the other in reference to the required upgrades and funding of both the water and wastewater treatment plants, FCWS is requesting approval of both special developer agreements pursuant to Rules 25-30.550 and 25-30.585, F.A.C. Since the Harbor Shores property has previously been approved in the utility's certificated service territory, the only parcel being requested to be included in the existing territory is the Goose Creek property. Both parcels are currently owned by the same owner/developer and FCWS has provided the current owner with the estimated costs to expand both its water and wastewater treatment plants. This was the basis for the negotiated special developer agreements. These agreements were both signed and executed on October 17, 2024 and are attached hereto.

Pursuant to these agreements, the owner/developer will fund the total cost of the wastewater treatment plant for Phase 1 and Phase 2 upgrades in order to provide wastewater service to both Harbor Shores and Goose Creek. Currently, the existing wastewater treatment plant has adequate capacity to provide wastewater service to its existing customers. For the water upgrades, the owner/developer will pay for 54.95% of the necessary upgrades to the water treatment plant, while FCWS will fund the remaining 45.05% of the upgrades. This was based upon the hydraulic share of the new homes versus the existing customers. The existing water customers will benefit from the upgrades

through a new ground storage tank, new aeration treatment system, and upgraded fire flow protection. It should be noted that the existing aeration system and ground storage tank were recently destroyed by Hurricane Milton. These are currently being by-passed until the upgrades are completed.

I. FILING REQUIREMENTS

1. The Utility's name as it appears on its certificate and its mailing address are:

Florida Community Water Systems, Inc.
4939 Cross Bayou Blvd.
New Port Richey, Florida 34652
(727) 848-8292 (Telephone)
(727) 848-7701 (Facsimile)

2. FCWS was incorporated on January 1, 2022 under the laws of Florida and is currently authorized to conduct business in Florida under registration number P21000101189. The Utility is conducting business as an S corporation.

3. The names and addresses of the Utility's authorized representatives are:

Troy Rendell
Vice President – Investor Owned Utilities
U.S. Water Services Corporation
4939 Cross Bayou Blvd.
New Port Richey, Florida 34652
(727) 848-8292, ext. 245 (Telephone)
(727) 848-7701 (Facsimile)

4. The Commission has broad jurisdiction, including jurisdiction to grant the relief requested herein, under Section 367.045, 367.121(1), and 367.171(7), Florida Statutes, pursuant to which the Commission is authorized to amend existing utilities' certificates of authorization, extend service territories, to require financially capable

utilities to extend service to provide adequate and reliable services to any person entitled to service. The Utility is unaware of any material facts in dispute in this regard.

5. The Utility's water and wastewater rates were last approved in a Staff Assisted Rate Case by Order No. PSC-2017-0428-PAA-WS, issued November 7, 2017. These rates were subsequently revised through a revenue-neutral rate restructuring by Order No. PSC-2023-0300-PAA-WS, issued October 2, 2023.

6. As previously stated, FCWS has entered into developer agreements with Burgland LH Haines Creek Estates, LLC for the Goose Creek project and with Burgland LH Lake Eustis Estates LLC for the Harbor Shores project. Pursuant to these two developer agreements, FCWC will upgrade its water treatment plant in order to meet the required County Fire Protection Requirements. FCWS will install a new 126,000 gallon ground storage tank, a new cascade aeration tower, a new 200 Kw generator, a new high service pump skid consisting of three pumps, GST controls, and new control panels. For the wastewater treatment plant, the upgrades will be done in two Phases. Phase 1 will increase the existing treatment capacity from 15,000 gpd to 40,000 gpd. This consists of new aeration and digester tanks, splitter boxes, bar screens, RIBs, and lift station upgrades. Phase 2 will then increase the wwtp up to 70,000 gpd by adding a duplicate treatment plant to mirror the Phase 1 wwtp.

7. There are no other existing utilities in the area capable of providing water and wastewater services to the Goose Creek property and this property is immediately adjacent to the existing wastewater treatment plant and FCWS existing service territory.

8. The Lake County Board of County Commissioners recently approved the Goose Creek project through Ordinance #2023-36, dated June 6, 2023. In this order the

Commission revised its Planned Unit Development (PUD) to allow this subdivision to be built. (Attached hereto)

9. Detailed maps of the proposed service area and required legal description are reflected on Exhibits D and E of the application. These maps are consistent with the underlying intent of Rule 25-30.033(n), F.A.C. If, however, the Commission determines that the map included does not meet the rule requirements, FCWS respectfully requests the Commission grant FCWS a waiver of this requirement, as the maps provided meet the underlying intent of the rule and FCWS otherwise does not have access to alternatives.

10. FCWS will provide a Late-Filed Exhibit to the Application consisting of an affidavit that the notice of application was given in accordance with Section 367.045, F.S. and Rule 25-30.030, F.A.C. and an affidavit that the Notice of Application in a newspaper of general circulation consistent with Rule 25-30.030, F.A.C. as well as a copy of such publication notice.

11. The anticipated capacity of the proposed service area is 145 ERCs; therefore, the required filing fee of \$200 is enclosed.

12. There are no outstanding Consent Orders of Notice of Violations issued against FCWS by the Department of Environmental Protection.

13. The utility is currently in compliance with its annual report filing in accordance with subsection 25-30.110(3), F.A.C.

14. The utility has paid all required regulatory assessment fees.

WHEREFORE, the Utility respectfully requests that the Commission:

A. Accept jurisdiction of this Application;


B. Grant Utility's requested amendment to Water Certificate 567-W and Wastewater Certificate 494-S;

C. Grant Utility's request approval of the associated special developer agreements for both the Goose Creek and the Harbor Shores developments,

D. Request for waiver of Rule 25-30.033(n), F.A.C., if deemed necessary by the Commission, and

D. Grant such further relief as the Commission deems fair, just, equitable and appropriate.

Respectfully submitted this 31st day of October 2024.



Troy Rendell
Florida Community Water Systems, Inc.
4939 Cross Bayou Blvd.
New Port Richey, Florida 34652
(727) 848-8292 (Telephone)

ATTACHMENT A

PSC Application

For

Amendments of Water Certificate 567-W

And

Wastewater Certificate 494-S

FLORIDA PUBLIC SERVICE COMMISSION
INSTRUCTIONS FOR COMPLETING EXAMPLE
APPLICATION FOR AMENDMENT OF CERTIFICATE
(EXTENSION, QUICK TAKE EXTENSION, OR DELETION)

**(Pursuant to Section 367.045, Florida Statutes, and
Rule 25-30.036, Florida Administrative Code)**

General Information

The attached form is an example application that may be completed by the applicant and filed with the Office of Commission Clerk to comply with Rule 25-30.036, Florida Administrative Code (F.A.C.). Any questions regarding this form should be directed to the Division of Engineering (850) 413-6910.

Instructions

1. Fill out the attached application form completely and accurately.
2. Complete all the items that apply to your utility. If an item is not applicable, please mark it "N.A." Do not leave any items blank.
3. Remit the proper filing fee pursuant to Rule 25-30.020, F.A.C., with the application.
4. Provide proof of noticing pursuant to Rule 25-30.030, F.A.C. This may be provided as a late-filed exhibit.
5. The completed application, attached exhibits, and the proper filing fee should be mailed to:

**Office of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850**

**APPLICATION FOR AMENDMENT OF CERTIFICATE
(EXTENSION, QUICK TAKE EXTENSION, OR DELETION)**

**(Pursuant to Section 367.045, Florida Statutes, and
Rule 25-30.036, Florida Administrative Code)**

To: **Office of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, Florida 32399-0850**

The undersigned hereby makes application for amendment of Water Certificate No. 567-W and/or Wastewater Certificate No. 494-S to add ☒ or delete ☐ territory located in _____ County, Florida, and submits the following information:

Please check the type of amendment being requested. Based upon the type of amendment requested, please complete the following parts of the application. Where specific items are listed, only those items need to be completed under that part.

- ☒ Extension: Complete Parts I, II, V, and VI
- ☐ Quick Take: Complete Parts I, II (only items B-1, 2, 4, 6 and D-1, 2, 3), III, V, and VI
- ☐ Deletion: Complete Parts I, II (only items D-1, 2, 3), IV, V, and VI

PART I

APPLICANT INFORMATION

- A) Contact Information for Utility. The utility's certificated name, address, telephone number, Federal Employer Identification Number, and if applicable, fax number, e-mail address, and website address. The utility's name should reflect the business and/or fictitious name(s) registered with the Department of State's Division of Corporations:

Florida Community Water Systems, Inc.

Utility Name

4939 Cross Bayou Blvd.

Office Street Address

New Port Richey

City

FL

State

34652

Zip Code

Mailing Address (if different from Street Address)

City	State	Zip Code
(727) 848-8292		(727) 848-7701
Phone Number		Fax Number
87-3828658		
Federal Employer Identification Number		
trendell@uswatercorp.net		
E-Mail Address		
www.mywaterservice.com		
Website Address		

B) The contact information of the authorized representative to contact concerning this application:

Troy Rendell		
Name		
4939 Cross Bayou Blvd.		
Mailing Address		
New Port Richey	FL	34652
City	State	Zip Code
(727) 848-8292		(727) 848-7701
Phone Number		Fax Number
trendell@uswatercorp.net		
E-Mail Address		

PART II

TERRITORY AMENDMENT

Part II should be completed as follows based upon the type of amendment requested.

Extension: Complete all items under Part II

Quick Take Extension: Only need to complete items B-1, 2, 4, 6 and D-1, 2, 3.

Deletion: Only need to complete items D-1, 2, 3.

A) NEED FOR SERVICE IN THE PROPOSED AREA

- 1) Exhibit A - The number of customers currently being served and proposed to be served, by customer class and meter size, including a description of the types of customers anticipated to be served, i.e., single family homes, mobile homes, duplexes, golf course clubhouse, commercial.

See attached for the current Lakeside water and wastewater systems customers.
The proposed Goose Creek development will consist of 145 single residential
homes served by 5/8 x 3/4" meters.

- 2) Exhibit B - Provide a copy of all requests from service from property owners or developers in areas not currently served.

- 3) Exhibit C - Provide a copy of the current land use designation of the proposed service territory as described in the local comprehensive plan at the time the application is filed. If the proposed development will require a revision to the comprehensive plan, describe the steps taken and to be taken to facilitate those changes, including changes needed to address the proposed need for service.

- 4) Exhibit - Provide a statement of any known land use restrictions, such as environmental restrictions imposed by governmental authorities.

PUD zoning and comp plan Max 4 units per acre. NO other restrictions
apply.

B) TERRITORY DESCRIPTION, MAPS, FACILITIES, AND TECHNICAL ABILITY

- 1) Exhibit N/A - If the utility is planning to build a new water or wastewater treatment plant to serve the proposed territory, provide documentation of the utility's right to access and continued use of the land upon which the new utility treatment facilities that will serve the proposed territory will be located. This documentation shall be in the form of a recorded warranty deed, recorded quit claim deed accompanied by title insurance, recorded lease such as a 99-year lease, or recorded easement. The applicant may submit an unrecorded copy of the instrument granting the utility's right to access and continued use of the land upon which the utility treatment facilities are or will be located, provided the applicant files a recorded copy within the time prescribed in the order granting the amendment to the certification of authorization.

- 2) Exhibit D - Provide a legal description of the territory proposed to be served in the format prescribed in Rule 25-30.029, F.A.C. In addition, if the extension of territory is adjacent to existing territory, provide one complete legal description of the resulting territory including both existing and expanded portions.
- 3) Exhibit E - Provide a detailed system map showing the proposed lines and treatment facilities, with the territory proposed to be served plotted thereon, consistent with the legal description provided in B-1 above. If the territory to be served is adjacent to the utility's existing territory, provide a complete map showing both existing and expanded territories. The map shall be of sufficient scale and detail to enable correlation with the description of the territory.
- 4) Exhibit E - Provide an official county tax assessment map or other map showing township, range, and section, with a scale such as 1" = 200' or 1" = 400', with the proposed territory plotted thereon, consistent with the legal description provided in B-1 above.
- 5) Exhibit F - Provide a statement describing the capacity of the existing lines, the capacity of the existing treatment facilities, and the design capacity of the proposed extension.

- 6) Exhibit G - Provide a copy of all current permits issued by the Department of Environmental Protection (DEP) and by the water management district.
- 7) Exhibit H - Provide a copy of the most recent DEP and/or county health department sanitary survey, compliance inspection report, and secondary water quality standards report.
- 8) Exhibit I - Provide a copy of all correspondence with the DEP, county health department, and water management district, including consent orders and warning letters, and the utility's responses to the same, for the past five years.

C) FINANCIAL ABILITY

- 1) Exhibit _____ - Provide a detailed statement regarding the proposed method of financing the construction and the projected impact on the utility's capital structure.

Per the attached Developer Agreement, the Developer is funding the wastewater treatment plant expansion. The Developer is funding 54.95% of the water treatment plant expansion; while the utility is funding 45.05% of the water treatment plant expansion.

- 2) Exhibit NA - Provide a statement regarding the projected impact of the extension on the utility's monthly rates and service availability charges.

No impact.

D) PROPOSED TARIFF AND RATE INFORMATION

- 1) Exhibit J - Provide a tariff containing all rates, classifications, charges, rules, and regulations, which shall be consistent with Chapter 25-9, F.A.C. See Rule 25-30.036, F.A.C., for information about water and wastewater tariffs that are available and may be completed by the applicant and included in the application.

- 2) Exhibit K - Provide the number of the most recent order of the Commission establishing or changing the applicant's rates and charges.

- 3) Exhibit L - An affidavit that the utility has tariffs and annual reports on file with the Commission.

PART III

QUICK TAKE EXTENSION ADDITIONAL INFORMATION

- A) Exhibit _____ - Provide a written statement that the proposed new territory includes a maximum of 25 equivalent residential connections within such territory at the time the territory is at buildout. In addition, the statement should include a description of the types of customers anticipated to be served by the extension, i.e., single family homes, mobile homes, duplexes, golf course clubhouse, or commercial.

- B) Exhibit _____ - Provide a written statement that upon investigation:

- 1) There is no other utility in the area of the proposed territory that is willing and capable of providing reasonably adequate service to the new territory.

- 2) The person(s) or business(es) requesting water or wastewater service have demonstrated to the utility that service is necessary because: (Check all that apply)
- (a) a private well has been contaminated or gone dry ☐,
 - (b) a septic tank has failed ☐, or
 - (c) service is otherwise not available ☐.

PART IV

TERRITORY DELETION ADDITIONAL INFORMATION

- A) Exhibit _____ - Provide a statement specifying the reasons for the proposed deletion of territory.

- B) Exhibit _____ - Provide a legal description of the territory proposed to be deleted in the format prescribed in Rule 25-30.029, F.A.C., along with a complete legal description of the remaining territory.

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-
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Exhibit M - Provide proof of noticing pursuant to Rule 25-30.030, F.A.C. This may be provided as a late-filed exhibit.

SIGNATURE

APPLICATION SUBMITTED
BY:

October 31, 2024
Date

Exhibit A

FCWS – Lakeside

Existing Customers:

Water

Residential

5/8 x 3/4" 225

1" 4

General Service

5/8 x 3/4" 2

Irrigation

Residential

5/8 x 3/4" 62

General Service

5/8 x 3/4" 4

Wastewater

Residential 219

General Service

5/8 x 3/4" 2

Proposed:

Goose Creek

Residential 5/8 x 3/4" 145

Harbor Shores

Residential 5/8 x 3/4" 99

Exhibit B

Executed Special Developer Agreements



GOOSE CREEK
NAME OF PROJECT

DEVELOPER AGREEMENT

THIS AGREEMENT made and entered into this 17th day of October, 2024, by and between BURGLAND LH HAINES CREEK ESTATES LLC, hereinafter referred to as "Developer," and FLORIDA COMMUNITY WATER SYSTEMS, INC. (LAKESIDE), a Florida corporation, hereinafter referred to as "Service Company,"

WHEREAS, Developer owns or controls lands located in Lake County, Florida, and described in Exhibit "A," attached hereto and made a part hereof as if fully set out in this paragraph and hereinafter referred to as the "Developer's Goose Creek Property," and Developer has plans to develop the Property by constructing thereon up to 145 single-family homesites; and

WHEREAS, Developer desires that the Service Company provide central wastewater collection, treatment and disposal, and potable water service ("Utility Service") for Developer's Goose Creek Property herein described; and

WHEREAS, the Developer's Goose Creek Property is not within Service Company's service area as approved by the Florida Public Service Commission ("FPSC");

WHEREAS, Service Company will require the existing water system to be upgraded in order to provide sufficient fire protection to Developer's Goose Creek Property;

WHEREAS, Service Company does not have sufficient capacity to provide wastewater service to Developer's Goose Creek Property without significant modifications and upgrades to its wastewater system;

WHEREAS, Developer is willing to pay the cost and expense of the modifications and upgrades to Service Company's wastewater system;

WHEREAS, the Service Company received its Construction Permit to expand its domestic wastewater treatment plant to be rerated at 40,000 gallons annual average flow on July 13, 2023 which will expire on June 26, 2026; and

WHEREAS, Developer is willing to pay for a pro rata share of the modifications and upgrades to the Service Company's water system; and

WHEREAS, the Service Company is willing to provide, in accordance with the provisions of this Agreement and Service Company's FPSC approved Tariff, Utility Service to the Developer's Goose Creek Property and thereafter operate applicable facilities so that the occupants of the improvements on the Developer's Goose Creek Property will receive adequate Utility Service from Service Company;

NOW, THEREFORE, for and in consideration of the premises, the mutual undertakings and agreements herein contained and assumed, Developer and Service Company hereby covenant and agree as follows:

- 1.0 The foregoing statements are true and correct and incorporated herein.
- 2.1 The following definitions and references are given for the purpose of interpreting the terms as used in this Agreement and apply unless the context indicates a different meaning:
 - (a) "Consumer Installation" - All facilities ordinarily on the Consumer's side of the Point of Delivery.
 - (b) "Developer's Goose Creek Property" - The area or parcel of land described in Exhibit "A".
 - (c) "Contribution-in-aid-of-Construction (CIAC)" - The sum of money and/or the value of property represented by the cost of the Utility Systems constructed or to be constructed by a Developer or owner, which Developer or owner transfers, or agrees to transfer, to Service Company at no cost to Service Company to provide Utility Service to the Property.
 - (d) "Equivalent Residential Connection (ERC)" - A factor used to convert a given average daily flow (ADF) to the equivalent number of residential connections. For this purpose, the average daily flow of one equivalent residential connection (ERC) is 350 gallons per day (gpd) for water service and 180 gallons per day for wastewater service. The number of ERC's contained in a given ADF is determined by dividing that ADF by 350 gpd for water service and 180 gpd for wastewater service.
 - (e) "Point of Delivery" - The point where the pipes of the Service Company are connected with the pipes of the customer, which is generally at the customer's property line.
 - (f) "Service" - The readiness and ability on the part of Service Company to furnish and maintain utility service to the Point of Delivery (pursuant to applicable rules and regulations of applicable regulatory agencies) as per the capacities shown in Exhibit "B" and with a fire flow meeting or exceeding 1,000 gallons per minute (gpm).
- 3.0 Assurance of Title. Within a period of forty-five (45) days after the execution of this Agreement, at the expense of Developer, Developer agrees to deliver to Service Company a copy of a title insurance commitment or policy for Developer's Goose Creek Property that Developer currently owns, which shall include a current report on the status of the title, setting out the name of the legal title holders, the

outstanding mortgages, taxes, liens and covenants. The provisions of this paragraph are for the purpose of evidencing Developer's legal right to grant the exclusive rights of service contained in this Agreement.

4.1 Connection Charges. Service Company currently has no approved connection charge (other than the expense of the water meter). Developer shall reimburse Service Company's costs to extend its PSC service area for the Goose Creek property, of modifying and upgrading its water and wastewater systems in accordance with the construction cost estimate of U.S. WATER SERVICES CORPORATION, attached hereto as Exhibit "B", and its legal, engineering and administrative expenses in preparing and implementing this Agreement. Should the modifications and upgrades to the wastewater system paid for by Developer result in Service Company having excess capacity, allowing additional connections to Service Company's wastewater system, then Service Company shall collect from the new connections a pro rata cost of the upgrades and modifications and refund such amount to Developer. This refund obligation shall terminate seven (7) years from the date hereof.

4.2 Developer has paid an advance deposit in the amount of \$71,387.31 pursuant to Rule 25-30.540, Florida Administrative Code, at the time of execution of this Agreement to cover engineering design and permitting expenses incurred by the Service Company in execution or performance of this Agreement.

4.3 Payment schedule of construction costs: Developer shall reimburse Service Company for the modifications and upgrades to its water and wastewater systems in accordance with the Phase 1 and Phase 2 schedule. with each payment due upon receipt of each Phase construction permits from the Florida Department of Environmental Protection. The payment for Phase 1 of the Service Company's domestic wastewater treatment plant is due within sixty (60) days of the execution of this Developer Agreement. Service Company will inform Developer of receipt of the subsequent issued construction permits within twenty (20) days of receipt.

4.4 True-Up Provision: Developer and Service Company mutually agree that the construction costs contained in Exhibit "B" are based upon the professional estimate of U.S. Water Services Corporation at the time of signing of this agreement. Within sixty (60) days after receiving the Full Clearance of each respective water and wastewater project by the Department of Environmental Protection, Service Company will provide calculations of the actual costs of each project to the Developer. The difference between the estimated costs and the actual costs shall be paid by one party to the other, as applicable, as a "true-up" provision for each project's actual cost.

4.5 Construction Schedule: Phase 1 Wastewater: Service Company will begin procurement of upgrade components, including tankage and equipment, and construction for Phase 1 of its domestic wastewater treatment facility within thirty (30) days of receipt of the payment described in Paragraph 4.3. Barring any unforeseen circumstances beyond the Service Company's control, final FDEP clearance to be completed within two hundred seventy (270) days after signing of the developer agreement and payment of Phase 1 wastewater is received.

Water Treatment: Service Company will begin design, permitting, ordering of upgrade components, including tankage and equipment, and construction for its water treatment facility within thirty (30) days of receipt of the payment described in Paragraph 4.3. Barring any unforeseen circumstances beyond the

Service Company's control, final FDEP clearance to be completed within eighteen (18) months after receipt of construction permit from FDEP.

Phase 2 Wastewater: Service Company will begin procurement of upgrade components, including tankage and equipment, and construction for Phase 2 of its domestic wastewater treatment facility within thirty (30) days of receipt of the payment described in Paragraph 4.3. Barring any unforeseen circumstances beyond the Service Company's control, final FDEP clearance to be completed within eighteen (18) months after receipt of FDEP construction permit.

Any unforeseen delays will be communicated to the Developer within thirty (30) days of known delay.

4.6 Capacity to Serve Goose Creek: For Phase 1 of the Wastewater Treatment Facility, capacity reserved for Goose Creek shall be for 56 single family houses. For Phase 2 of the Wastewater Treatment Facility, capacity reserved for Goose Creek shall be for 89 single family houses. In total, Phase 1 and Phase of the Wastewater Treatment Facilities shall serve 145 single family houses in Goose Creek.

5.1 On-Site and Off-Site Systems. Developer hereby covenants and agrees to design and construct at its sole cost and expense the on-site water distribution and wastewater collection systems. The term "on-site water distribution and wastewater collection systems" means and includes all pipes, valves, facilities and equipment including, without limitation, pump stations constructed within the boundaries of Developer's Goose Creek Property adequate in size to provide each residence within the Property with Utility Service. Developer shall design and construct at its sole cost and expense the off-site water distribution and wastewater collection systems. The term "off-site water distribution and wastewater collection systems" means and includes all water distribution lines, wastewater collection lines, facilities, and equipment located outside the boundaries of Developer's Goose Creek Property and constructed for the purpose of connecting on-site water distribution and wastewater collection systems to Service Company's existing utility system at a location to be determined by Service Company.

5.2 Developer at its sole cost and expense shall cause to be prepared five (5) copies of the applications for permits and eight (8) sets of finalized engineering plans prepared and sealed by a professional engineer registered in the State of Florida. Plans shall show the on-site and off-site water distribution and wastewater collection systems proposed to be installed to provide Utility Service to the Developer's Goose Creek Property. Developer shall cause its engineer to submit specifications governing the material to be used and the method and manner of installation. All such plans and specifications submitted to Service Company's engineer shall meet the minimum specifications of Service Company and shall be subject to the approval of Service Company, which approval shall not be unreasonably withheld. No construction shall commence until Service Company and appropriate regulatory agencies have approved such plans and specifications in writing.

5.3 After the approval of plans and specifications by Service Company and appropriate regulatory agencies, Developer, or the engineer of record, shall set up a preconstruction conference with engineer of record, utility contractor, appropriate building official(s), all other utility companies involved in the development of the Developer's Goose Creek Property, and Service Company. When permits and approved plans are returned by appropriate regulatory agencies to Developer, Developer shall submit to Service Company one copy of the permits and approved plans.

5.4 Developer shall provide to Service Company's inspector, twenty-four (24) hours notice prior to commencement of construction. Developer shall cause to be constructed, at Developer's own cost and expense, the on-site and off-site water distribution and wastewater collection systems as shown on the approved plans and specifications.

5.5 During the construction of the on-site and off-site water distribution and wastewater systems by Developer, Service Company shall have the right to inspect such systems to determine compliance with the approved plans and specifications. The engineer of record shall also inspect construction to assure compliance with the approved plans and specifications. Service Company, engineer of record and utility contractor shall be present for all standard engineering tests to determine that the systems have been installed in accordance with the approved plans and specifications, and good engineering practices. Developer agrees to pay to Service Company, or Service Company's authorized agent, a reasonable sum to cover the cost of inspection of the water distribution and wastewater collection systems constructed by Developer or Developer's contractor. Service Company agrees that Developer may access, excavate, tap and install offsite utilities within easement areas which benefit Service Company.

5.6 Upon completion of construction, Developer's engineer of record shall submit to Service Company a copy of the signed certification of completion submitted to the appropriate regulatory agencies. The engineer of record shall also submit to Service Company reproducible ammonia mylars, or such other medium as Service Company shall require, of the as-built plans prepared and certified by the engineer of record.

5.7 By these presents, Developer without further consideration hereby transfers to Service Company, title to the on-site and off-site water distribution and wastewater collection systems. Such conveyance shall take effect at the time Service Company issues its final letter of acceptance. As further evidence of said transfer of title, upon the completion of the installation, but prior to the issuance of the final letter of acceptance and the rendering of service by Service Company at Service Company's request, Developer shall :

- (a) Convey to Service Company, by bill of sale in form satisfactory to Service Company, such water distribution and wastewater collection systems as constructed by Developer and approved by Service Company.
- (b) Provide Service Company with copies of invoices from contractor for such systems.
- (c) Provide Service Company with copies of Releases of Lien for said invoices.
- (d) Assign any and all warranties and/or maintenance bonds and the rights to enforce same to the Service Company which Developer obtains from any contractor constructing such utility systems. Developer shall immediately repair any defects or Service Company may make repair at Developer's expense after notice to Developer from Service Company of need for repairs and Developer's failure to repair same within thirty (30) days of such notice.

- (e) Provide to the Service Company an executed notarized affidavit in a form satisfactory to Service Company of Developer's right to convey the personal property described in 5.7(a) above and assuring that work has been fully paid for such water distribution and wastewater collection systems installed by Developer by reason of work performed or services rendered in connection with the installation of the systems.
- (f) Provide Service Company with all appropriate operation/maintenance and parts manuals and shop drawings.
- (g) Further cause to be conveyed to Service Company, free and clear of all encumbrances, all easements and/or rights-of-way covering areas in which such systems are installed (unless installed in a public right-of-way or easement dedicated by plat, by recordable document in form satisfactory to Service Company).

5.8 Service Company agrees that the issuance of the final letter of acceptance for such installations installed by Developer shall constitute the assumption of responsibility by Service Company for the continuous operation and maintenance of such systems from that date forward.

6.0 Agreement to Serve. Upon the completion of construction of the on-site and off-site water distribution and wastewater collection systems, their inspection, and the other terms of this Agreement and Service Company's Service Availability Policy, Service Company covenants and agrees that it will oversee the connection of the water distribution and wastewater collection systems installed by Developer to the central facilities of Service Company on or before ninety (90) days after Developer or Developer's engineer of record notifies Service Company of completion of construction in accordance with the terms and intent of this Agreement. Such connection shall at all times be in accordance with rules, regulations and orders of the applicable governmental authorities. Service Company agrees that once it provides Utility Service to the Property and Developer or others have connected Consumer Installations to its System, that thereafter Service Company will continuously provide, at its cost and expense, but in accordance with the other provisions of this Agreement, including rules and regulations and rate schedules, Utility Service to the Property for a minimum of 145 single family homes in a manner to conform with all requirements of the applicable governmental authority having jurisdiction over the operations of Service Company.

7.1 Application for Service: Consumer Installations. Developer, or any owner of any parcel of the Property, or any occupant of any building or unit located thereon shall not have the right to and shall not connect any Consumer Installation until formal written application has been made to Service Company by the prospective user of service, or either of them, in accordance with the then effective rules and regulations of Service Company and approval for such connection has been granted.

7.2 Although the responsibility for connecting the Consumer Installation to the lines of Service Company at the Point of Delivery is that of the Developer or entity other than Service Company, with reference to such connections, the parties agree as follows:

- (a) All Consumer Installation connections must be inspected by Service Company before backfilling and covering of any pipes.

- (b) Notice to Service Company requesting an inspection of a Consumer Installation connection may be given by the plumber or Developer, and the inspection will be made within twenty-four (24) hours, not including Saturdays, Sundays, and Federal holidays.
- (c) If Service Company fails co-inspect the Consumer Installation connection within forty-eight (48) hours after such inspection is requested by Developer or the owner of any parcel, Developer or owner may backfill or cover the pipes without Service Company's approval and Service Company must accept the connection as to any matter which could have been discovered by such inspection.
- (d) If the Developer does not comply with the foregoing inspection provisions, Service Company may refuse service to a connection that has not been inspected until Developer complies with these provisions.
- (e) The cost of constructing, operating, repairing or maintaining Consumer Installations shall be that of Developer or a party other than Service Company.

8.0 Exclusive Right to Provide Service. Developer, as a further and essential consideration of this Agreement, agrees that Developer, or the successors and assigns of Developer, shall not (the words "shall not" being used in a mandatory definition) engage in the business or businesses of providing Utility Service to the Property during the period of time Service Company, its successors and assigns, provide Utility Service to the Property, it being the intention of the parties hereto that under the foregoing provision and also other provisions of this Agreement, Service Company shall have the sole and exclusive right and privilege to provide Utility Service to the Property and to the occupants of such buildings or units constructed thereon.

9.1 Rates. Service Company agrees that the rates to be charged to Developer and individual consumers of Utility Service shall be those set forth in the tariff of Service Company approved by the applicable governmental agency. However, notwithstanding any provision in this Agreement, Service Company, its successors and assigns, may establish, amend or revise, from time to time in the future, and enforce rates or rate schedules so established and enforced and shall at all times be reasonable and subject to regulations by the applicable governmental agency, or as may be provided by Law. Rates charged to Developer or consumers located upon the Property shall at all times be identical to rates charged for the same classification of service, as are or may be in effect throughout the service area of Service Company.

9.2 Notwithstanding any provision in this Agreement to the contrary, Service Company may establish, amend or revise, from time to time, in the future, and enforce rules and regulations covering Utility Service to the Property. However, all such rules and regulations so established by Service Company shall at all times be reasonable and subject to such regulations as may be provided by law.

9.3 Any such initial or future decreased or increased rates, rate schedules, and rules and regulations established, amended or revised and enforced by Service Company from time to time in the future, as provided by law, shall be binding upon Developer; upon any person or other entity holding by, through or

under Developer; and upon any user or consumer of the Utility Service provided to the Property by Service Company.

10.0 Binding Effect of Agreement. This Agreement shall be binding upon and shall inure to the benefit of Developer, Service Company and their respective assigns and successors by merger, consolidation, conveyance or otherwise, subject to the provisions of paragraph 22.0 hereof.

11.0 Notice. Until further written notice by either party to the other, all notices provided for herein shall be in writing and transmitted by hand delivery, overnight mail, by certified mail, return receipt requested or by e-mail, and if to Developer, shall be mailed or delivered to Developer at:

Burgland LH Haines Creek Estates LLC
Frank Bombeeck, Manager
1810 West Kennedy Blvd Suite 232
Tampa, FL 33606
Phone: 813-220-4990
Email: fb@mercury-advisors.com
With copy to Jason Lee: Email: jason@landanddev.com

and if to the Service Company, at:

Troy Rendell
Vice President
Florida Community Water Systems, Inc.
4939 Cross Bayou Blvd.
New Port Richey, FL 34652
E-Mail: trendell@uswatercorp.net

12.0 Laws of Florida. This Agreement shall be governed by the laws of the State of Florida and it shall be and become effective immediately upon execution by both parties hereto, subject to any approvals which must be obtained from governmental authority, if applicable.

13.0 Costs and Attorney's Fees. In the event the Service Company or Developer is required to enforce this Agreement by Court proceedings or otherwise, by instituting suit or otherwise, then the prevailing party shall be entitled to recover from the other party all costs incurred, including reasonable attorney's fees, including such fees and costs of any appeal.

14.0 Force Majeure. In the event that the performance of this Agreement by either party to this Agreement is prevented or interrupted in consequence of any cause beyond the control of either party, including but not limited to Act of God or of the public enemy, war, national emergency, allocation or of other governmental restrictions upon the use or availability of labor or materials, rationing, civil insurrection, riot, racial or civil rights disorder or demonstration, pandemic, strike, embargo, flood, tidal wave, fire, explosion, bomb detonation, nuclear fallout, windstorm, hurricane, earthquake, sinkhole or other

casualty or disaster or catastrophe, unforeseeable failure or breakdown of pumping transmission or other facilities (which will be repaired by Service Company as soon as reasonably possible) , governmental rules or acts or orders or restrictions or regulations or requirements, acts or action of any government or public or governmental authority or commission or board or agency or agent or official or officer, the enactment of any statute or ordinance or resolution or regulation or rule or ruling or order, order or decree or judgment or restraining order or injunction of any court, said party shall not be liable for such non-performance.

15.0 Indemnification. Each party agrees to indemnify and hold the other harmless from and against any and all liabilities, claims, damages, costs and expenses (including reasonable trial and appellate attorney's fees) to which such party may become subject by reason of or arising out of the other party's performance of this Agreement. This indemnification provision shall survive the actual connection to Service Company's water and wastewater systems.

MISCELLANEOUS PROVISIONS

16.0 - The rights, privileges, obligations and covenants of Developer and Service Company shall survive the completion of the work of Developer with respect to completing the facilities and services to any development phase and to the Developer's Goose Creek Property as a whole.

17.0 This Agreement supersedes all previous agreements or representations, either verbal or written, heretofore in effect between Developer and Service Company, made with respect to the matters herein contained, and when duly executed, constitutes the agreement between Developer and Service Company. No additions, alterations or variations of the terms of this Agreement shall be valid, nor can provisions of this Agreement be waived by either party, unless such additions, alterations, variations or waivers are expressed in writing and duly signed.

18.0 Whenever the singular number is used in this Agreement and when required by the context, the same shall include the plural, and the masculine, feminine and neuter genders shall each include the others.

19.0 Whenever approvals of any nature are required by either party to this Agreement, it is agreed that same shall not be unreasonably withheld or delayed.

20.0 The submission of this Developer Agreement for examination by Developer does not constitute an offer but becomes effective only upon execution thereof by Service Company.

21.0 Failure to insist upon strict compliance of any of the terms, covenants, or conditions herein shall not be deemed a waiver of such terms, covenants, or conditions, nor shall any waiver or relinquishment of any right or power hereunder at any one time or times be deemed a waiver or relinquishment of such right or power at any other time or times.

22.0 Because of inducements offered by Developer to Service Company, Service Company has agreed to provide Utility Service to Developer's project. Developer understands and agrees that capacity reserved hereunder cannot and shall not be assigned by Developer to third parties without the written consent of Service Company, except in the case of a bona-fide sale of Developer's Goose Creek Property. Such

approval shall not be unreasonably withheld. Moreover, Developer agrees that this Agreement is a superior instrument to any other documents, representations, and promises made by and between Developer and third parties, both public and private, as regards the provisions of Utility Service to Developer's Goose Creek Property.

23.0 It is agreed by and between the parties hereto that all words, terms and conditions contained herein are to be read in concert, each with the other, and that a provision contained under one heading may be considered to be equally applicable under another in the interpretation of this Agreement.


24.0 The parties hereto recognize that prior to the time Service Company may actually commence upon a program to carry out the terms and conditions of this Agreement, Service Company may be required to obtain approval from various state and local governmental authorities having jurisdiction and regulatory power over the construction, maintenance and operation of Service Company. The Service Company agrees that it will diligently and earnestly, at Developer's expense, make the necessary proper applications to all governmental authorities and others and will pursue the same to the end that it will use its best efforts to obtain such approvals.


**REST OF PAGE INTENTIONALLY LEFT BLANK
SIGNATURE PAGE TO FOLLOW**

IN WITNESS WHEREOF, Developer and Service Company have executed or have caused this Developer Agreement, with the named Exhibits attached, to be duly executed in several counterparts, each of which counterpart shall be considered an original executed copy of this Agreement.


WITNESSES:

BURGLANDLH Haines Creek Estates LLC


Signature

BY: 
Frank Bombeeck, Manager


Printed Name

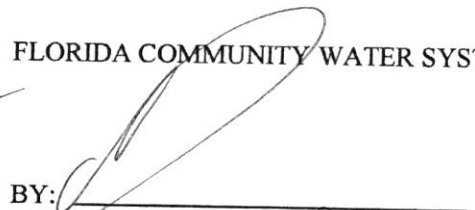
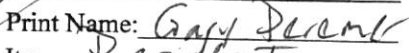


Signature



Printed Name

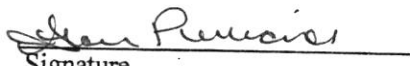
WITNESSES:

FLORIDA COMMUNITY WATER SYSTEMS, INC.


Signature

BY: 
Print Name: 
Its: 


Printed Name


Signature

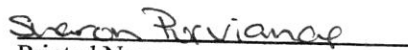

Printed Name

EXHIBIT "A"
LEGAL DESCRIPTION

The Southeast 1/4 of the Southeast 1/4, less the South 685 feet of the East 380 feet, Less Road Right-of-Way, in Section 1, Township 19 South, Range 25 East, Lake County, Florida.

(Parcel ID# 01-19-25-0004-000-03100)

and

The South 1/2 of the Southwest 1/4 of the Northeast 1/4 of the Southeast 1/4, Section 1, Township 19 South, Range 25 East, Lake County, Florida.

(Parcel ID# 01-19-25-0004-000-03000)

and

The North 1/2 of the Southwest 1/4 of the Northeast 1/4 of the Southeast 1/4 and the South 1/2 of the Northwest 1/4 of the Northeast 1/4 of the Southeast 1/4, all in Section 01, Township 19 South, Range 25 East, Lake County, Florida. Together with an easement for ingress and egress described as follows: an easement extending 182.56 feet, beginning at the Northwest corner of the Northeast 1/4 of the Southeast 1/4 of Section 01, Township 19 South, Range 25 East, Lake County, Florida, thence running South across the West 20 feet of the Northeast 1/4 of the Southeast 1/4 of said Section 01, and continuing South 147.44 feet across the West 15 feet of said Northeast 1/4 of the Southeast 1/4 of said Section 01 thereof. Also, an easement extending South 330 feet, across the East 5 feet of the Northwest 1/4 of the Southeast 1/4 of said Section 01 thereof.

(Parcel ID# 01-19-25-0004-000-04100)

and

Together with an easement for ingress and egress over the following described property: The West 45 feet of the West 200 feet of the South 1/2 of the North 1/2 of the Northwest 1/4 of the Northeast 1/4 of the Southeast 1/4 of Section 1, Township 19 South, Range 25 East, Lake County, Florida.

(Parcel ID# 01-19-25-0004-000-02700)

EXHIBIT B: BURGLAND LH HAINES CREEK ESTATES LLC

Contributed Water Funds from Developer	\$ 744,904.02	<u>Harbor Shores</u>	<u>Goose Creek</u>
Phase 1 Wastewater Funds from Developer	\$ 466,360.80	\$ 302,235.65	\$ 442,668.37
Phase 2 Wastewater Funds from Developer	\$ 461,219.00	\$ 189,220.16	\$ 277,140.64
		\$ 187,133.94	\$ 274,085.06
Total Developer Contribution for Phase 1	\$ 1,211,264.82	\$ 491,455.81	\$ 719,809.01
Total Developer Contribution for Phase 2	\$ 461,219.00	\$ 187,133.94	\$ 274,085.06
Total Developer Contribution	<u>\$ 1,672,483.82</u>	<u>\$ 678,589.75</u>	<u>\$ 993,894.08</u>
Developer Prepaid Engineering	<u>\$ (120,127.61)</u>	<u>\$ (48,740.30)</u>	<u>\$ (71,387.31)</u>
Remaining Contribution Balance	<u><u>\$ 1,552,356.21</u></u>	<u><u>\$ 629,849.45</u></u>	<u><u>\$ 922,506.77</u></u>

	<u>ERCs</u>	
Harbor Shores	99	41%
Goose Creek	145	59%
	<u>244</u>	<u>100%</u>

Lakeside WTP Upgrades					
Item #	Description	Unit	Quantity	Unit Price	Subtotal
1	126,095 Ground Storage Tank - steel	LS	1	\$372,000	\$372,000
2	Cascade Aerator and structure	LS	1	\$110,586	\$110,586
3	Geotech - SPT Borings	LS	1	\$6,443	\$6,443
4	Sitework	LS	1	\$9,500	\$9,500
5	Piping wells to tank	LF	200	\$82	\$16,350
6	Piping Appurtenances (valves, fittings)	LS	1	\$8,000	\$8,000
7	Generator - 200 kW (ATS, Installation, Startup & Testing)	LS	1	\$114,212	\$114,212
8	Tank Startup & Disinfection	LS	1	\$3,500	\$3,500
9	GST Controls (level)	LS	1	\$6,500	\$6,500
10	High Service Pump Skid - 2 pumps at 800 gpm 20 HP, 1 pump at 1000 gpm 50 HP	LS	1	\$140,036	\$140,036
11	Concrete Slab	LS	1	\$4,500	\$4,500
12	Weather/sun protective shelter	LS	1	\$18,000	\$18,000
13	Control Panel (2 wells, 2 HSP's, 2 fire pump, tank)	EA	1	\$192,600	\$192,600
14	Chlorine Injection (pre and post)	LS	1	\$10,000	\$10,000
15	Electrical and I&C	LS	1	\$55,000	\$55,000
16	Lake County Permitting Fees (building & electrical)	LS	1	\$250	\$250
17	Water Management District Permitting Fees	LS	1	\$50	\$50
18	FDEP Permitting Fees	LS	1	\$4,000	\$4,000
				Total	\$1,071,527
				Contractor's Overhead & Profit 15%	\$160,729
				Subtotal	\$1,232,256
				Engineering, Permitting & Surveying 10%	\$123,226
				Total	\$1,355,481

Lakeside WTP & WWTP Cost Allocation

Existing Units			
Amount	ERC Factor	ERC's	
Mobile Home	175	0.8	140
Single Family	60	1	60
Existing ERC's			200
Proposed Units			
Amount	ERC Factor	ERC's	
Proposed units - Single Family	244	1	244
Proposed ERC's			244
Total ERC's			444
Utility's Percentage of ERC's		45.05%	
Developer's Percentage of ERC's		54.95%	
Total Cost for WTP Expansion			
Total Cost for WWTP Expansion - Phase 1		\$1,355,481	
Total Cost for WWTP Expansion - Phase 2		\$466,361	
		\$461,219	
Contributed Water Funds from Utility		\$610,577	
Contributed Water Funds from Developer		\$744,904	
Phase 1 Wastewater Funds from Developer		\$466,361	
Phase 2 Wastewater Funds from Developer		\$461,219	
Total Developer Contribution for Phase 1		\$1,211,268	
Total Developer Contribution for Phase 2		\$461,219	
Total Developer Contribution		\$1,672,484	

Notes:

* Water Use Permit will have to be increased by 40,000 gpd

Lakeside Waterworks, Inc.	
WUP: #6781	Exp. Date: 11/10/2029
WUP Allocation Increase Calculation	
New Construction - Single Family Homes	244 ea
Water demand/home (140 gpd/personX2.5 persons/home)	350 gpd
Total Required ADF for New Construction	85,400 gpd
Existing ADF	28,450 gpd
Existing Developable Lots (14 @ 350 gpd) ADF	4,900 gpd
Total ADF After Construction	118,750 gpd
WUP Permitted ADF	85,000 gpd
Required WUP Allocation Increase (Total ADF - Permitted ADF)	33,750 gpd
Requested WUP Allocation Increase	40,000 gpd
Required Well Pump Flow Rate Calculation	
Final WUP Withdrawal Allocation (If approved)	125,000 gpd
Max Day Flow (factor of 2)	250,000 gpd
Max Day Flow in gpm	174 gpm
Peak Hour Flow (factor of 4)	500,000 gpd
Peak Hour Flow in gpm	347 gpm
Existing Well #1 Pump Flow Rate	280 gpm
Existing Well #2 Pump Flow Rate	850 gpm
Firm Capacity (largest well out of service)	280 gpm
*Existing wells can meet the firm capacity required to serve all existing and proposed customers. Well and pump improvements will not be required	

660 total flow

Lakeside WWTP Upgrades					
Phase 1 Expansion - Increase from 15,000 gpd to 40,000 gpd					
Item #	Description	Unit	Quantity	Unit Price	Subtotal
1	Convert existing digester to aeration	LS	1	\$3,000	\$3,000
2	WWTP Expansion (20k gal new aeration, 10k gal digester, flow splitter box, bar screen, 2 blowers)	LS	1	\$115,560	\$115,560
3	Tank Installation	LS	1	\$20,000	\$20,000
4	Sitework - grading, crushed stone	LS	1	\$8,200	\$8,200
5	Electrical Allowance	LS	1	\$11,556	\$11,556
6	Construct RIBS for 40k gpd disposal	LS	1	\$135,349	\$135,349
7	Lift Station upgrade	LS	1	\$70,000	\$70,000
8	FDEP Permitting Fee	LS	1	\$5,000	\$5,000
Total					\$368,665
Contractor's Overhead & Profit 15%					\$55,300
Subtotal					\$423,964
Engineering, Permitting & Surveying 10%					\$42,396
Total Phase 1					\$466,361

Lakeside WWTP Upgrades					
Phase 2 Expansion - Increase from 40,000 gpd to 70,000 gpd					
Item #	Description	Unit	Quantity	Unit Price	Subtotal
1	Add new, duplicate treatment to mirror existing WWTP (30,000 gal of aeration, 2-clarifiers, 1-digester, process piping, air piping, control panel, dual CCC, chlorine storage and feed, blowers)	LS	1	\$194,000	\$194,000
2	Remove existing steel tanks	LS	1	\$18,000	\$18,000
3	Tank Installation	LS	1	\$40,000	\$40,000
4	Sitework - grading, crushed stone	LS	1	\$8,200	\$8,200
5	Electrical Allowance	LS	1	\$19,400	\$19,400
6	Construct RIBS for 30k gpd disposal	LS	1	\$80,000	\$80,000
7	FDEP Permitting Fee	LS	1	\$5,000	\$5,000
Total					\$364,600
Contractor's Overhead & Profit 15%					\$54,690
Subtotal					\$419,290
Engineering, Permitting & Surveying 10%					\$41,929
Total Phase 2					\$461,219
Total Phase 1					\$466,361
Grand Total					\$927,580

Notes:

*Developer will donate 1.5 acres for expanded effluent disposal south of the WWTP site if needed

Lakeside Waterworks
Phase 1 - Preliminary Design, Disposal System
Engineering, Permitting, Geotechnical Testing

Item #	Description	Unit	Quantity	Unit Price	Subtotal
1	Preliminary Engineering (portion of Phase 2 WWTP)	LS	1	\$8,750	\$8,750
2	Surveying	LS	1	\$3,400	\$3,400
3	Geotechnical Testing	LS	1	\$4,245	\$4,245
4	FDEP Communications	LS	1	\$2,000	\$2,000
5	RAI Response	LS	1	\$3,000	\$3,000
6	Permit Fee	LS	1	\$2,000	\$2,000

Total Phase 1 \$23,395

Lakeside Waterworks HP List

Well 1	30	1	30
Well 2	30	1	30
High Service Pumps	7.5	2	15
Fire Pumps	30	2	60
Lighting	1	1	1
Total =			136



HARBOR SHORES
NAME OF PROJECT

DEVELOPER AGREEMENT

THIS AGREEMENT made and entered into this 17th day of October, 2024, by and between BURGLAND LH LAKE EUSTIS ESTATES LLC, hereinafter referred to as "Developer," and FLORIDA COMMUNITY WATER SYSTEMS, INC. (LAKESIDE), a Florida corporation, hereinafter referred to as "Service Company,"

WHEREAS, Developer owns or controls lands located in Lake County, Florida, and described in Exhibit "A," attached hereto and made a part hereof as if fully set out in this paragraph and hereinafter referred to as the "Developer's Harbor Shores Property," and Developer has plans to develop the Property by constructing thereon up to 99 single-family homesites; and

WHEREAS, Developer desires that the Service Company provide central wastewater collection, treatment and disposal, and potable water service ("Utility Service") for Developer's Harbor Shores Property herein described; and

WHEREAS, Service Company will require the existing water system to be upgraded in order to provide sufficient fire protection to Developer's Harbor Shores Property;

WHEREAS, Service Company does not have sufficient capacity to provide wastewater service to Developer's Harbor Shores Property without significant modifications and upgrades to its wastewater system;

WHEREAS, Developer is willing to pay the cost and expense of the modifications and upgrades to Service Company's wastewater system;

WHEREAS, the Service Company received its Construction Permit to expand its domestic wastewater treatment plant to be rerated at 40,000 gallons annual average flow on July 13, 2023 which will expire on June 26, 2026; and

WHEREAS, Developer is willing to pay for a pro rata share of the modifications and upgrades to the Service Company's water system; and

WHEREAS, the Service Company is willing to provide, in accordance with the provisions of this Agreement and Service Company's FPSC approved Tariff, Utility Service to the Developer's Harbor Shores Property and thereafter operate applicable facilities so that the occupants of the improvements on the Developer's Harbor Shores Property will receive adequate Utility Service from Service Company;

NOW, THEREFORE, for and in consideration of the premises, the mutual undertakings and agreements herein contained and assumed, Developer and Service Company hereby covenant and agree as follows:

1.0 The foregoing statements are true and correct and incorporated herein.

2.1 The following definitions and references are given for the purpose of interpreting the terms as used in this Agreement and apply unless the context indicates a different meaning:

- (a) "Consumer Installation" - All facilities ordinarily on the Consumer's side of the Point of Delivery.
- (b) "Developer's Harbor Shores Property" - The area or parcel of land described in Exhibit "A".
- (c) "Contribution-in-aid-of-Construction (CIAC)" - The sum of money and/or the value of property represented by the cost of the Utility Systems constructed or to be constructed by a Developer or owner, which Developer or owner transfers, or agrees to transfer, to Service Company at no cost to Service Company to provide Utility Service to the Property.
- (d) "Equivalent Residential Connection (ERC)" - A factor used to convert a given average daily flow (ADF) to the equivalent number of residential connections. For this purpose, the average daily flow of one equivalent residential connection (ERC) is 350 gallons per day (gpd) for water service and 180 gallons per day for wastewater service. The number of ERC's contained in a given ADF is determined by dividing that ADF by 350 gpd for water service and 180 gpd for wastewater service.
- (e) "Point of Delivery" - The point where the pipes of the Service Company are connected with the pipes of the customer, which is generally at the customer's property line.
- (f) "Service" - The readiness and ability on the part of Service Company to furnish and maintain utility service to the Point of Delivery (pursuant to applicable rules and regulations of applicable regulatory agencies) as per the capacities shown in Exhibit "B" and with a fire flow meeting or exceeding 1,000 gallons per minute (gpm).

3.0 Assurance of Title. Within a period of forty-five (45) days after the execution of this Agreement, at the expense of Developer, Developer agrees to deliver to Service Company a copy of a title insurance commitment or policy for Developer's Harbor Shores Property that Developer currently owns, which shall include a current report on the status of the title, setting out the name of the legal title holders, the

outstanding mortgages, taxes, liens and covenants. The provisions of this paragraph are for the purpose of evidencing Developer's legal right to grant the exclusive rights of service contained in this Agreement.

4.1 Connection Charges. Service Company currently has no approved connection charge (other than the expense of the water meter). Developer shall reimburse Service Company's costs to extend its PSC service area for the Harbor Shores property, of modifying and upgrading its water and wastewater systems in accordance with the construction cost estimate of U.S. WATER SERVICES CORPORATION, attached hereto as Exhibit "B", and its legal, engineering and administrative expenses in preparing and implementing this Agreement. Should the modifications and upgrades to the wastewater system paid for by Developer result in Service Company having excess capacity, allowing additional connections to Service Company's wastewater system, then Service Company shall collect from the new connections a pro rata cost of the upgrades and modifications and refund such amount to Developer. This refund obligation shall terminate seven (7) years from the date hereof.

4.2 Developer has paid an advance deposit in the amount of \$48,740.30 pursuant to Rule 25-30.540, Florida Administrative Code, at the time of execution of this Agreement to cover engineering design and permitting expenses incurred by the Service Company in execution or performance of this Agreement.

4.3 Payment schedule of construction costs: Developer shall reimburse Service Company for the modifications and upgrades to its water and wastewater systems in accordance with the Phase 1 and Phase 2 schedule. with each payment due upon receipt of each Phase construction permits from the Florida Department of Environmental Protection. The payment for Phase 1 of the Service Company's domestic wastewater treatment plant is due within sixty (60) days of the execution of this Developer Agreement. Service Company will inform Developer of receipt of the subsequent issued construction permits within twenty (20) days of receipt.

4.4 True-Up Provision: Developer and Service Company mutually agree that the construction costs contained in Exhibit "B" are based upon the professional estimate of U.S. Water Services Corporation at the time of signing of this agreement. Within sixty (60) days after receiving the Full Clearance of each respective water and wastewater project by the Department of Environmental Protection, Service Company will provide calculations of the actual costs of each project to the Developer. The difference between the estimated costs and the actual costs shall be paid by one party to the other, as applicable, as a "true-up" provision for each project's actual cost.

4.5 Construction Schedule: Phase 1 Wastewater: Service Company will begin procurement of upgrade components, including tankage and equipment, and construction for Phase 1 of its domestic wastewater treatment facility within thirty (30) days of receipt of the payment described in Paragraph 4.3. Barring any unforeseen circumstances beyond the Service Company's control, final FDEP clearance to be completed within two hundred seventy (270) days after signing of the developer agreement and payment of Phase 1 wastewater is received.

Water Treatment: Service Company will begin design, permitting, ordering of upgrade components, including tankage and equipment, and construction for its water treatment facility within thirty (30) days of receipt of the payment described in Paragraph 4.3. Barring any unforeseen circumstances beyond the

Service Company's control, final FDEP clearance to be completed within eighteen (18) months after receipt of construction permit from FDEP.

Phase 2 Wastewater: Service Company will begin procurement of upgrade components, including tankage and equipment, and construction for Phase 2 of its domestic wastewater treatment facility within thirty (30) days of receipt of the payment described in Paragraph 4.3. Barring any unforeseen circumstances beyond the Service Company's control, final FDEP clearance to be completed within eighteen (18) months after receipt of FDEP construction permit.

Any unforeseen delays will be communicated to the Developer within thirty (30) days of known delay.

5.1 On-Site and Off-Site Systems. Developer hereby covenants and agrees to design and construct at its sole cost and expense the on-site water distribution and wastewater collection systems. The term "on-site water distribution and wastewater collection systems" means and includes all pipes, valves, facilities and equipment including, without limitation, pump stations constructed within the boundaries of Developer's Harbor Shores Property adequate in size to provide each residence within the Property with Utility Service. Developer shall design and construct at its sole cost and expense the off-site water distribution and wastewater collection systems. The term "off-site water distribution and wastewater collection systems" means and includes all water distribution lines, wastewater collection lines, facilities, and equipment located outside the boundaries of Developer's Harbor Shores Property and constructed for the purpose of connecting on-site water distribution and wastewater collection systems to Service Company's existing utility system at a location to be determined by Service Company.

5.2 Developer at its sole cost and expense shall cause to be prepared five (5) copies of the applications for permits and eight (8) sets of finalized engineering plans prepared and sealed by a professional engineer registered in the State of Florida. Plans shall show the on-site and off-site water distribution and wastewater collection systems proposed to be installed to provide Utility Service to the Developer's Harbor Shores Property. Developer shall cause its engineer to submit specifications governing the material to be used and the method and manner of installation. All such plans and specifications submitted to Service Company's engineer shall meet the minimum specifications of Service Company and shall be subject to the approval of Service Company, which approval shall not be unreasonably withheld. No construction shall commence until Service Company and appropriate regulatory agencies have approved such plans and specifications in writing.

5.3 After the approval of plans and specifications by Service Company and appropriate regulatory agencies, Developer, or the engineer of record, shall set up a preconstruction conference with engineer of record, utility contractor, appropriate building official(s), all other utility companies involved in the development of the Developer's Harbor Shores Property, and Service Company. When permits and approved plans are returned by appropriate regulatory agencies to Developer, Developer shall submit to Service Company one copy of the permits and approved plans.

5.4 Developer shall provide to Service Company's inspector, twenty-four (24) hours notice prior to commencement of construction. Developer shall cause to be constructed, at Developer's own cost and expense, the on-site and off-site water distribution and wastewater collection systems as shown on the approved plans and specifications.

5.5 During the construction of the on-site and off-site water distribution and wastewater systems by Developer, Service Company shall have the right to inspect such systems to determine compliance with the approved plans and specifications. The engineer of record shall also inspect construction to assure compliance with the approved plans and specifications. Service Company, engineer of record and utility contractor shall be present for all standard engineering tests to determine that the systems have been installed in accordance with the approved plans and specifications, and good engineering practices. Developer agrees to pay to Service Company, or Service Company's authorized agent, a reasonable sum to cover the cost of inspection of the water distribution and wastewater collection systems constructed by Developer or Developer's contractor. Service Company agrees that Developer may access, excavate, tap and install offsite utilities within easement areas which benefit Service Company.

5.6 Upon completion of construction, Developer's engineer of record shall submit to Service Company a copy of the signed certification of completion submitted to the appropriate regulatory agencies. The engineer of record shall also submit to Service Company reproducible ammonia mylars, or such other medium as Service Company shall require, of the as-built plans prepared and certified by the engineer of record.

5.7 By these presents, Developer without further consideration hereby transfers to Service Company, title to the on-site and off-site water distribution and wastewater collection systems. Such conveyance shall take effect at the time Service Company issues its final letter of acceptance. As further evidence of said transfer of title, upon the completion of the installation, but prior to the issuance of the final letter of acceptance and the rendering of service by Service Company at Service Company's request, Developer shall :

- (a) Convey to Service Company, by bill of sale in form satisfactory to Service Company, such water distribution and wastewater collection systems as constructed by Developer and approved by Service Company.
- (b) Provide Service Company with copies of invoices from contractor for such systems.
- (c) Provide Service Company with copies of Releases of Lien for said invoices.
- (d) Assign any and all warranties and/or maintenance bonds and the rights to enforce same to the Service Company which Developer obtains from any contractor constructing such utility systems. Developer shall immediately repair any defects or Service Company may make repair at Developer's expense after notice to Developer from Service Company of need for repairs and Developer's failure to repair same within thirty (30) days of such notice.
- (e) Provide to the Service Company an executed notarized affidavit in a form satisfactory to Service Company of Developer's right to convey the personal property described in 5.7(a) above and assuring that work has been fully paid for such water distribution and wastewater collection systems installed by Developer by reason of work performed or services rendered in connection with the installation of the systems.

- (f) Provide Service Company with all appropriate operation/maintenance and parts manuals and shop drawings.
- (g) Further cause to be conveyed to Service Company, free and clear of all encumbrances, all easements and/or rights-of-way covering areas in which such systems are installed (unless installed in a public right-of-way or easement dedicated by plat, by recordable document in form satisfactory to Service Company).

5.8 Service Company agrees that the issuance of the final letter of acceptance for such installations installed by Developer shall constitute the assumption of responsibility by Service Company for the continuous operation and maintenance of such systems from that date forward.

6.0 Agreement to Serve. Upon the completion of construction of the on-site and off-site water distribution and wastewater collection systems, their inspection, and the other terms of this Agreement and Service Company's Service Availability Policy, Service Company covenants and agrees that it will oversee the connection of the water distribution and wastewater collection systems installed by Developer to the central facilities of Service Company on or before ninety (90) days after Developer or Developer's engineer of record notifies Service Company of completion of construction in accordance with the terms and intent of this Agreement. Such connection shall at all times be in accordance with rules, regulations and orders of the applicable governmental authorities. Service Company agrees that once it provides Utility Service to the Property and Developer or others have connected Consumer Installations to its System, that thereafter Service Company will continuously provide, at its cost and expense, but in accordance with the other provisions of this Agreement, including rules and regulations and rate schedules, Utility Service to the Property for a minimum of 99 single family homes in a manner to conform with all requirements of the applicable governmental authority having jurisdiction over the operations of Service Company.

7.1 Application for Service: Consumer Installations. Developer, or any owner of any parcel of the Property, or any occupant of any building or unit located thereon shall not have the right to and shall not connect any Consumer Installation until formal written application has been made to Service Company by the prospective user of service, or either of them, in accordance with the then effective rules and regulations of Service Company and approval for such connection has been granted.

7.2 Although the responsibility for connecting the Consumer Installation to the lines of Service Company at the Point of Delivery is that of the Developer or entity other than Service Company, with reference to such connections, the parties agree as follows:

- (a) All Consumer Installation connections must be inspected by Service Company before backfilling and covering of any pipes.
- (b) Notice to Service Company requesting an inspection of a Consumer Installation connection may be given by the plumber or Developer, and the inspection will be made within twenty-four (24) hours, not including Saturdays, Sundays, and Federal holidays.

- (c) If Service Company fails co-inspect the Consumer Installation connection within forty-eight (48) hours after such inspection is requested by Developer or the owner of any parcel, Developer or owner may backfill or cover the pipes without Service Company's approval and Service Company must accept the connection as to any matter which could have been discovered by such inspection .
- (d) If the Developer does not comply with the foregoing inspection provisions, Service Company may refuse service to a connection that has not been inspected until Developer complies with these provisions.
- (e) The cost of constructing, operating, repairing or maintaining Consumer Installations shall be that of Developer or a party other than Service Company.

8.0 Exclusive Right to Provide Service. Developer, as a further and essential consideration of this Agreement, agrees that Developer, or the successors and assigns of Developer, shall not (the words "shall not" being used in a mandatory definition) engage in the business or businesses of providing Utility Service to the Property during the period of time Service Company, its successors and assigns, provide Utility Service to the Property, it being the intention of the parties hereto that under the foregoing provision and also other provisions of this Agreement, Service Company shall have the sole and exclusive right and privilege to provide Utility Service to the Property and to the occupants of such buildings or units constructed thereon.

9.1 Rates. Service Company agrees that the rates to be charged to Developer and individual consumers of Utility Service shall be those set forth in the tariff of Service Company approved by the applicable governmental agency. However, notwithstanding any provision in this Agreement, Service Company, its successors and assigns, may establish, amend or revise, from time to time in the future, and enforce rates or rate schedules so established and enforced and shall at all times be reasonable and subject to regulations by the applicable governmental agency, or as may be provided by Law. Rates charged to Developer or consumers located upon the Property shall at all times be identical to rates charged for the same classification of service, as are or may be in effect throughout the service area of Service Company.

9.2 Notwithstanding any provision in this Agreement to the contrary, Service Company may establish, amend or revise, from time to time, in the future, and enforce rules and regulations covering Utility Service to the Property. However, all such rules and regulations so established by Service Company shall at all times be reasonable and subject to such regulations as may be provided by law.

9.3 Any such initial or future decreased or increased rates, rate schedules, and rules and regulations established, amended or revised and enforced by Service Company from time to time in the future, as provided by law, shall be binding upon Developer; upon any person or other entity holding by, through or under Developer; and upon any user or consumer of the Utility Service provided to the Property by Service Company.

10.0 Binding Effect of Agreement. This Agreement shall be binding upon and shall inure to the benefit of Developer, Service Company and their respective assigns and successors by merger, consolidation, conveyance or otherwise, subject to the provisions of paragraph 22.0 hereof.

11.0 Notice . Until further written notice by either party to the other, all notices provided for herein shall be in writing and transmitted by hand delivery, overnight mail, by certified mail, return receipt requested or by e-mail, and if to Developer, shall be mailed or delivered to Developer at:

Burgland LH Lake Eustis Estates LLC
Frank Bombeeck, Manager
1810 West Kennedy Blvd Suite 232
Tampa, FL 33606
Phone: 813-220-4990
Email: fb@mercury-advisors.com
With copy to Jason Lee: Email: jason@landanddev.com

and if to the Service Company, at:

Troy Rendell
Vice President
Florida Community Water Systems, Inc.
4939 Cross Bayou Blvd.
New Port Richey, FL 34652
E-Mail: trendell@uswatercorp.net

12.0 Laws of Florida. This Agreement shall be governed by the laws of the State of Florida and it shall be and become effective immediately upon execution by both parties hereto, subject to any approvals which must be obtained from governmental authority, if applicable.

13.0 Costs and Attorney's Fees. In the event the Service Company or Developer is required to enforce this Agreement by Court proceedings or otherwise, by instituting suit or otherwise, then the prevailing party shall be entitled to recover from the other party all costs incurred, including reasonable attorney's fees, including such fees and costs of any appeal.

14.0 Force Majeure. In the event that the performance of this Agreement by either party to this Agreement is prevented or interrupted in consequence of any cause beyond the control of either party, including but not limited to Act of God or of the public enemy, war, national emergency, allocation or of other governmental restrictions upon the use or availability of labor or materials, rationing, civil insurrection, riot, racial or civil rights disorder or demonstration, pandemic, strike, embargo, flood, tidal wave, fire, explosion, bomb detonation, nuclear fallout, windstorm, hurricane, earthquake, sinkhole or other casualty or disaster or catastrophe, unforeseeable failure or breakdown of pumping transmission or other facilities (which will be repaired by Service Company as soon as reasonably possible) , governmental rules or acts or orders or restrictions or regulations or requirements, acts or action of any government or public

or governmental authority or commission or board or agency or agent or official or officer, the enactment of any statute or ordinance or resolution or regulation or rule or ruling or order, order or decree or judgment or restraining order or injunction of any court, said party shall not be liable for such non-performance.

15.0 Indemnification. Each party agrees to indemnify and hold the other harmless from and against any and all liabilities, claims, damages, costs and expenses (including reasonable trial and appellate attorney's fees) to which such party may become subject by reason of or arising out of the other party's performance of this Agreement. This indemnification provision shall survive the actual connection to Service Company's water and wastewater systems.

MISCELLANEOUS PROVISIONS

16.0 The rights, privileges, obligations and covenants of Developer and Service Company shall survive the completion of the work of Developer with respect to completing the facilities and services to any development phase and to the Developer's Harbor Shores Property as a whole.

17.0 This Agreement supersedes all previous agreements or representations, either verbal or written, heretofore in effect between Developer and Service Company, made with respect to the matters herein contained, and when duly executed, constitutes the agreement between Developer and Service Company. No additions, alterations or variations of the terms of this Agreement shall be valid, nor can provisions of this Agreement be waived by either party, unless such additions, alterations, variations or waivers are expressed in writing and duly signed.

18.0 Whenever the singular number is used in this Agreement and when required by the context, the same shall include the plural, and the masculine, feminine and neuter genders shall each include the others.

19.0 Whenever approvals of any nature are required by either party to this Agreement, it is agreed that same shall not be unreasonably withheld or delayed.

20.0 The submission of this Developer Agreement for examination by Developer does not constitute an offer but becomes effective only upon execution thereof by Service Company.

21.0 Failure to insist upon strict compliance of any of the terms, covenants, or conditions herein shall not be deemed a waiver of such terms, covenants, or conditions, nor shall any waiver or relinquishment of any right or power hereunder at any one time or times be deemed a waiver or relinquishment of such right or power at any other time or times.

22.0 Because of inducements offered by Developer to Service Company, Service Company has agreed to provide Utility Service to Developer's project. Developer understands and agrees that capacity reserved hereunder cannot and shall not be assigned by Developer to third parties without the written consent of Service Company, except in the case of a bona-fide sale of Developer's Harbor Shores Property. Such approval shall not be unreasonably withheld. Moreover, Developer agrees that this Agreement is a superior instrument to any other documents, representations, and promises made by and between Developer and

third parties, both public and private, as regards the provisions of Utility Service to Developer's Harbor Shores Property.

23.0 It is agreed by and between the parties hereto that all words, terms and conditions contained herein are to be read in concert, each with the other, and that a provision contained under one heading may be considered to be equally applicable under another in the interpretation of this Agreement.


24.0 The parties hereto recognize that prior to the time Service Company may actually commence upon a program to carry out the terms and conditions of this Agreement, Service Company may be required to obtain approval from various state and local governmental authorities having jurisdiction and regulatory power over the construction, maintenance and operation of Service Company. The Service Company agrees that it will diligently and earnestly, at Developer's expense, make the necessary proper applications to all governmental authorities and others and will pursue the same to the end that it will use its best efforts to obtain such approvals.

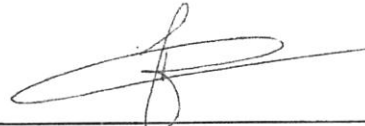
**REST OF PAGE INTENTIONALLY LEFT BLANK
SIGNATURE PAGE TO FOLLOW**

IN WITNESS WHEREOF, Developer and Service Company have executed or have caused this Developer Agreement, with the named Exhibits attached, to be duly executed in several counterparts, each of which counterpart shall be considered an original executed copy of this Agreement.

WITNESSES:

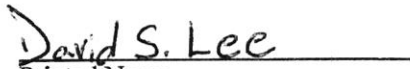
BURGLAND LH Lake Eustis Estates LLC


Signature

BY: 
Frank Bombeeck, Manager


Printed Name

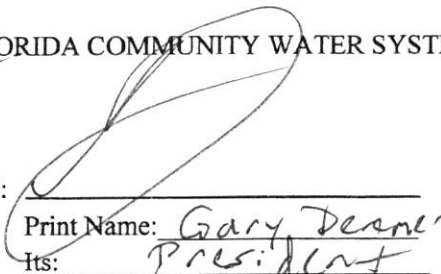

Signature


Printed Name

WITNESSES:

FLORIDA COMMUNITY WATER SYSTEMS, INC.


Signature

BY: 
Print Name: Gary Deener
Its: President


Printed Name


Signature

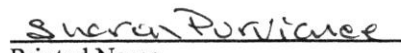

Printed Name

EXHIBIT "A"

PARCEL 1:

A STRIP OF LAND SOUTH OF CANAL BETWEEN THE EAST LINE OF BLOCK 5 AND THE WEST LINE OF LAKE EUSTIS, PINE ISLAND SHORES, ACCORDING TO THE MAP OR PLAT THEREOF AS RECORDED IN PLAT BOOK 14, PAGE 3, PUBLIC RECORDS OF LAKE COUNTY, FLORIDA.

PARCEL 2:

GOVERNMENT LOT 7 IN SECTION 6, TOWNSHIP 19 SOUTH, RANGE 26 EAST, IN LAKE COUNTY, FLORIDA, LESS RIGHT OF WAY FOR PUBLIC ROAD CONVEYED TO LAKE COUNTY BY AN INSTRUMENT DATED FEBRUARY 25, 1958 AND RECORDED IN OFFICIAL RECORDS BOOK 43, PAGE 632, PUBLIC RECORDS OF LAKE COUNTY, FLORIDA AND ALSO LESS THE FOLLOWING:

BEGIN AT THE INTERSECTION OF THE EAST LINE OF THE ABOVE RIGHT OF WAY WITH THE NORTH LINE OF SAID GOVERNMENT LOT 7 AND RUN THENCE EAST ALONG THE NORTH LINE OF SAID GOVERNMENT LOT 7 A DISTANCE OF 726 FEET; THENCE SOUTH AND PARALLEL WITH THE EAST LINE OF SAID RIGHT OF WAY 300 FEET; THENCE WEST AND PARALLEL WITH THE NORTH LINE OF SAID GOVERNMENT LOT 7 A DISTANCE OF 726 FEET TO THE EAST LINE OF SAID RIGHT OF WAY; THENCE NORTH ALONG THE EAST LINE OF SAID RIGHT OF WAY 300 FEET TO THE POINT OF BEGINNING.

PARCEL 3:

THAT PART OF GOVERNMENT LOT 12 LYING NORTHWESTERLY OF COUNTY ROAD 5-5942 AND WEST OF THE FOLLOWING DESCRIBED LINE: BEGIN 3315.05 FEET EAST OF THE WEST 1/4 CORNER ON THE MID-SECTION LINE, RUN SOUTH 15 DEGREES 32' EAST 333.16 FEET TO THE NORTHWEST RIGHT-OF-WAY OF SAID ROAD AND THE TERMINUS OF THE LINE, ALL IN SECTION 6, TOWNSHIP 19 SOUTH, RANGE 26 EAST, LAKE COUNTY, FLORIDA.

EXHIBIT B: BURGLAND LH HAINES CREEK ESTATES LLC

		<u>Harbor Shores</u>	<u>Goose Creek</u>
Contributed Water Funds from Developer	\$ 744,904.02	\$ 302,235.65	\$ 442,668.37
Phase 1 Wastewater Funds from Developer	\$ 466,360.80	\$ 189,220.16	\$ 277,140.64
Phase 2 Wastewater Funds from Developer	\$ 461,219.00	\$ 187,133.94	\$ 274,085.06
Total Developer Contribution for Phase 1	\$ 1,211,264.82	\$ 491,455.81	\$ 719,809.01
Total Developer Contribution for Phase 2	\$ 461,219.00	\$ 187,133.94	\$ 274,085.06
Total Developer Contribution	<u>\$ 1,672,483.82</u>	<u>\$ 678,589.75</u>	<u>\$ 993,894.08</u>
Developer Prepaid Engineering	<u>\$ (120,127.61)</u>	<u>\$ (48,740.30)</u>	<u>\$ (71,387.31)</u>
Remaining Contribution Balance	<u>\$ 1,552,356.21</u>	<u>\$ 629,849.45</u>	<u>\$ 922,506.77</u>

	<u>ERCs</u>	
Harbor Shores	99	41%
Goose Creek	145	59%
	<u>244</u>	<u>100%</u>

Lakeside WTP Upgrades					
Item #	Description	Unit	Quantity	Unit Price	Subtotal
1	126,095 Ground Storage Tank - steel	LS	1	\$372,000	\$372,000
2	Cascade Aerator and structure	LS	1	\$110,586	\$110,586
3	Geotech - SPT Borings	LS	1	\$6,443	\$6,443
4	Sitework	LS	1	\$9,500	\$9,500
5	Piping wells to tank	LF	200	\$82	\$16,350
6	Piping Appurtenances (valves, fittings)	LS	1	\$8,000	\$8,000
7	Generator - 200 kW (ATS, Installation, Start-up & Testing)	LS	1	\$114,212	\$114,212
8	Tank Startup & Disinfection	LS	1	\$3,500	\$3,500
9	GST Controls (level)	LS	1	\$6,500	\$6,500
10	High Service Pump Skid - 2 pumps at 300 gpm 20 HP, 1 pump at 1000 gpm 50 HP	LS	1	\$140,036	\$140,036
11	Concrete Slab	LS	1	\$4,500	\$4,500
12	Weather/sun protective shelter	LS	1	\$18,000	\$18,000
13	Control Panel (2 wells, 2 HSP's, 2 fire pump, tank)	EA	1	\$192,600	\$192,600
14	Chlorine Injection (pre and post)	LS	1	\$10,000	\$10,000
15	Electrical and I&C	LS	1	\$55,000	\$55,000
16	Lake County Permitting Fees (building & electrical)	LS	1	\$250	\$250
17	Water Management District Permitting fees	LS	1	\$50	\$50
18	FDEP Permitting Fees	LS	1	\$4,000	\$4,000
				Total	\$1,071,527
				Contractor's Overhead & Profit 15%	\$160,729
				Subtotal	\$1,232,256
				Engineering, Permitting & Surveying 10%	\$123,226
				Total	\$1,355,481

Lakeside WTP & WWTP Cost Allocation

<u>Existing Units</u>	<u>Amount</u>	<u>ERC Factor</u>	<u>ERC's</u>
Mobile Home	175	0.8	140
Single Family	60	1	60
Existing ERC's			200
<hr/>			
<u>Proposed Units</u>	<u>Amount</u>	<u>ERC Factor</u>	<u>ERC's</u>
Proposed units - Single Family	244	1	244
Proposed ERC's			244
<hr/>			
Total ERC's			444
Utility's Percentage of ERC's			45.05%
Developer's Percentage of ERC's			54.95%
Total Cost for WTP Expansion			\$1,355,481
Total Cost for WWTP Expansion - Phase 1			\$466,361
Total Cost for WWTP Expansion - Phase 2			\$461,219
<hr/>			
Contributed Water Funds from Utility			\$610,577
Contributed Water Funds from Developer			\$744,904
<hr/>			
Phase 1 Wastewater Funds from Developer			\$466,361
Phase 2 Wastewater Funds from Developer			\$461,219
<hr/>			
Total Developer Contribution for Phase 1			\$1,211,265
Total Developer Contribution for Phase 2			\$461,219
Total Developer Contribution			\$1,672,484

Notes:

*Water Use Permit will have to be increased by 40,000 gpd

Lakeside Waterworks, Inc.		
WUP: #6781	Exp. Date: 11/10/2029	
<u>WUP Allocation Increase Calculation</u>		
New Construction - Single Family Homes	244 ea	
Water demand/home (140 gpd/personX2.5 persons/home)	350 gpd	
Total Required ADF for New Construction	85,400 gpd	
Existing ADF	28,450 gpd	
Existing Developable Lots (14 @ 350 gpd) ADF	4,900 gpd	
Total ADF After Construction	118,750 gpd	
WUP Permitted ADF	85,000 gpd	
Required WUP Allocation Increase (Total ADF - Permitted ADF)	33,750 gpd	
Requested WUP Allocation Increase	40,000 gpd	
<u>Required Well Pump Flow Rate Calculation</u>		
Final WUP Withdrawal Allocation (if approved)	125,000 gpd	
Max Day Flow (factor of 2)	250,000 gpd	
Max Day Flow In gpm	174 gpm	
Peak Hour Flow (factor of 4)	500,000 gpd	
Peak Hour Flow In gpm	347 gpm	
Existing Well #1 Pump Flow Rate	280 gpm	
Existing Well #2 Pump Flow Rate	850 gpm	
Firm Capacity (largest well out of service)	280 gpm	
*Existing wells can meet the firm capacity required to serve all existing and proposed customers. Well and pump improvements will not be required		

Lakeside WWTP Upgrades					
Phase 1 Expansion - Increase from 15,000 gpd to 40,000 gpd					
Item #	Description	Unit	Quantity	Unit Price	Subtotal
1	Convert existing digester to aeration	LS	1	\$3,000	\$3,000
2	WWTP Expansion (20k gal new aeration, 10k gal digester, flow splitter box, bar screen, 2 blowers)	LS	1	\$115,560	\$115,560
3	Tank Installation	LS	1	\$20,000	\$20,000
4	Sitework - grading, crushed stone	LS	1	\$8,200	\$8,200
5	Electrical Allowance	LS	1	\$11,556	\$11,556
6	Construct RIBS for 40k gpd disposal	LS	1	\$135,349	\$135,349
7	Lift Station upgrade	LS	1	\$70,000	\$70,000
8	FDEP Permitting Fee	LS	1	\$5,000	\$5,000
Total					\$368,665
Contractor's Overhead & Profit 15%					\$55,300
Subtotal					\$423,964
Engineering, Permitting & Surveying 10%					\$42,396
Total Phase 1					\$466,361

Lakeside WWTP Upgrades					
Phase 2 Expansion - Increase from 40,000 gpd to 70,000 gpd					
Item #	Description	Unit	Quantity	Unit Price	Subtotal
1	Add new, duplicate treatment to mirror existing WWTP (30,000 gal of aeration, 2-clarifiers, 1-digester, process piping, air piping, control panel, dual CCC, chlorine storage and feed, blowers)	LS	1	\$194,000	\$194,000
2	Remove existing steel tanks	LS	1	\$18,000	\$18,000
3	Tank Installation	LS	1	\$40,000	\$40,000
4	Sitework - grading, crushed stone	LS	1	\$8,200	\$8,200
5	Electrical Allowance	LS	1	\$19,400	\$19,400
6	Construct RIBS for 30k gpd disposal	LS	1	\$80,000	\$80,000
7	FDEP Permitting Fee	LS	1	\$5,000	\$5,000
Total					\$364,600
Contractor's Overhead & Profit 15%					\$54,690
Subtotal					\$419,290
Engineering, Permitting & Surveying 10%					\$41,929
Total Phase 2					\$461,219
Total Phase 1					\$466,361
Grand Total					\$927,580

Notes:

*Developer will donate 1.5 acres for expanded effluent disposal south of the WWTP site if needed

Lakeside Waterworks
Phase 1 - Preliminary Design, Disposal System
Engineering, Permitting, Geotechnical Testing

Item #	Description	Unit	Quantity	Unit Price	Subtotal
1	Preliminary Engineering (portion of Phase 2 WWTP)	LS	1	\$8,750	\$8,750
2	Surveying	LS	1	\$3,400	\$3,400
3	Geotechnical Testing	LS	1	\$4,245	\$4,245
4	FDEP Communications	LS	1	\$2,000	\$2,000
5	RAI Response	LS	1	\$3,000	\$3,000
6	Permit Fee	LS	1	\$2,000	\$2,000

Total Phase 1 \$23,395

Lakeside Waterworks HP List

Well 1	30	1	30
Well 2	30	1	30
High Service Pumps	7.5	2	15
Fire Pumps	30	2	60
Lighting	1	1	1
Total =			136

Exhibit C

Lake County PUD

ORDINANCE #2023-36

Goose Creek PUD

RZ-22-08-3

AN ORDINANCE OF THE LAKE COUNTY BOARD OF COUNTY COMMISSIONERS AMENDING THE LAKE COUNTY ZONING MAPS; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Burgland Investments, LLC (the "Applicant") on behalf of Burgland Investments, LLC and John Stoneburner Inc. (the "Owners") to rezone approximately 46.43 +/- acres from Agriculture Residential (AR) and Urban Residential District (R-6) to Planned Unit Development (PUD) to accommodate a 145-lot single-family residential subdivision; and

WHEREAS, the subject property consists of approximately 46.43 +/-acres located south of Goose Creek Road in the Leesburg Area, in Section 01, Township 19 South, Range 25 East, identified by Alternate Key Numbers 1387728, 1387736, 1387779, and 3829154, and more particularly in Exhibit "A" – Legal Description; and

WHEREAS, the subject property is located within the Urban Low Density Future Land Use Category as shown on the Lake County Comprehensive Plan Future Land Use Map (FLUM); and

WHEREAS, the property will be rezoned to Planned Unit Development (PUD) in accordance with the Lake County Zoning Regulations; and

WHEREAS, Lake County Planning and Zoning Board did review petition RZ-22-08-3 on the 7th day of September 2022, after giving notice of a hearing for a change in the use of land, including a notice that the petition will be presented to the Board of County Commissioners of Lake County, Florida, on the 4th day of October 2022, and was postponed to the 11th day of October; and

WHEREAS, the Board of County Commissioners denied the petition on the 11th day of October 2022; and

WHEREAS, a motion was made to rehear the petition on the 11th day of April 2023; and

WHEREAS, the petition was reheard by the Board of County Commissioners on the 6th day of June 2023; and

WHEREAS, the Board of County Commissioners reviewed the petition, the recommendations of the Lake County Planning & Zoning Board, staff report, and any comments, favorable or unfavorable, from the public and surrounding property owners at a public hearing duly advertised; and

WHEREAS, upon review, certain terms pertaining to the development of the above-described property have been duly approved; and

WHEREAS, the approval of this ordinance shall supersede and replace all previous zoning ordinances on the property.

NOW THEREFORE, BE IT ORDAINED by the Board of County Commissioners of Lake County, Florida, that:

Section 1. Terms: The County Manager or designee shall amend the Lake County Map to Planned Unit Development (PUD) for the property described in Exhibit "A". The uses of the property will be limited to those uses specified in this Ordinance and generally consistent with the Conceptual Plan attached hereto as Exhibit "B". To the extent there are conflicts between Exhibit "B" and this Ordinance, this Ordinance will take precedence.



A. Permitted Land Uses.

1. A maximum of 145 Single-Family Dwelling Units, not to exceed 3.46 dwelling units per net acre. A mandatory Homeowners Association must be established.
2. Accessory uses directly associated with the above use may be approved by the County Manager or designee.
3. Any other use of the site not specified above will require approval of an amendment to this Ordinance by the Board of County Commissioners.

B. Open Space, Impervious Surface Ratio, and Building Height. Open space, impervious surface ratio and building height shall be in accordance with the Comprehensive Plan and LDR, as amended.

1. Minimum 25% open space required in accordance with the Comprehensive Plan.
2. Impervious surface ratio and building height shall be in accordance with the Comprehensive Plan, and LDR, as amended.

C. Setbacks. The minimum setback for Single-Family Dwelling Units shall be as follows:

Development Type	Front	Secondary Front	Side	Rear
Single-Family Residence	25-feet	15-feet	5-feet	20-feet
Accessory Structures	25-feet	15-feet	5-feet	5-feet
Note: Pools, pool enclosures, screen rooms, and associated pool enclosures shall have side and rear setbacks of 5-feet from the property line.				

1. All setbacks must be measured from the property line.
2. With the exception of water dependent structures, all structures must be setback a minimum of fifty (50) feet from the jurisdiction wetland line.
3. Any setback not specified must be in accordance with the Land Development Regulations (LDR), as amended.

D. Architectural Design Standards. The following Standards shall apply to all development on the property:

1. Building Design.
 - a. Single-Family Residential (SFR) units shall be designed utilizing Craftsman, Bungalow, Florida Cracker/Low Country, Southern Living (front porch), or Historical Dubsdread style architectural design standards which shall require a variety of architectural features and materials such as stone, stucco, craftsman columns, porches, metal roofs, tile, shutters, decorative doors, etc. to achieve each architectural style.
 - b. Minimum structure size shall be 1,500 square feet living area (heated and air-conditioned space).
 - c. Either side load or front load garage design may be utilized. All SFR units shall be designed and built with a 2-car garage minimum.

- d. Conversion of garage into living space shall be prohibited.
 - e. Only architectural shingles may be utilized. Roof pitch shall be a minimum of 5 to 12 pitch.
 - f. Exterior finish shall be stucco/hardy board with stone or brick accents.
 - g. All exterior colors shall be earth tones.
 - h. A minimum of two (2) off-street parking spaces shall be provided for each SFR lot and shall be shown on the plot plan for each SFR building permit application.
 - i. All amenities such as golf cart paths, sidewalks, pocket parks, or open space shall be dedicated to the public, owned and maintained by the Homeowner's Association, and accessible morning to dusk by lot owners. Amenities for residents shall include a dog park and one of the following; a tot lot, pocket park, or other passive and active recreational opportunities.
2. Driveway Access. All SFR units shall have a paved 2-car wide driveway access from garage to street (concrete or pavers). Only one (1) driveway access per lot. Double road frontage driveway access is prohibited.
 3. Front yard fencing shall be limited to 4-feet in height.
 4. RV Storage on lots with or without a SFR unit is prohibited.
 5. The Architectural Design Standards above shall be incorporated into the Homeowners Association declarations.
 6. All areas of the Planned Unit Development shall maintain a grass height of 12 inches or less until such time as the PUD fully develops.

E. Bear Management.

1. Homeowners shall be required to use County approved, bear-resistant garbage carts, if available. If bear resistant garbage carts are not available, regular carts shall be modified to be bear or keeping cans in a secured location.
2. Homeowners shall not have bird and wildlife feeders that are not modified to exclude bears.
3. Homeowners shall be placed on notice that they are purchasing a property within an area known for Florida Black Bear habitat. New homeowners shall be given information published by the Florida Fish and Wildlife Conservation Commission regarding living among the Florida Black Bear and ways to reduce encounters.
4. All PUD requirements regarding the Florida Black Bear management shall be included in the homeowners' governing documents for the community and shall be enforced by the Homeowners Association for the property. Lake County shall have the right, but not the obligation, to enforce such provisions.

F. Landscaping, Buffering, and Screening.

1. Drought tolerant, native trees and drought tolerant, native vegetation shall be utilized for all street trees, landscape buffers, and stormwater retention/detention areas.
2. Best Management Practices for native landscaping and "right plant-right place"

landscaping techniques shall be utilized in the design and installation of invasive exotic plant species in all landscape plantings is prohibited.

3. Smart Irrigation Best Management Practices shall be utilized for all landscape irrigation and shall incorporate soil moisture and rain sensors into the irrigation design.
4. Landscaping and screening shall be in accordance with the Comprehensive Plan and LDR, as amended.
5. A six (6) foot vinyl fence shall be installed by the developer adjacent to Lots 1-39 on the PUD plan.

G. Environmental Requirements.

1. An environmental assessment dated within six (6) months of the date the preliminary plat is submitted will be required to demonstrate the presence of vegetation, soils, threatened and endangered species that may exist on the site. Any State permitting or mitigation will be required before development can commence compliance in accordance with the Comprehensive Plan and LDR, as amended.
2. Wetland areas shall not be within any platted lot in accordance with the Comprehensive Plan.
3. Environmental resources shall be protected in accordance with the Comprehensive Plan and LDR, as amended.

H. Noise. Compliance must be in accordance with the LDR, as amended.

I. Transportation.

1. Traffic calming will need to be included in the subdivision design utilizing the Florida Greenbook Traffic Calming Treatments and acceptable measures by Lake County.
2. Right-turn lanes are required on eastbound County Road 44 onto Goose Creek Road and Shelly Drive as allowed by existing right-of-way.
3. Access to the development will require improvements to meet county standards for the proposed extension of Goose Creek Road and Eagle Point Court.
4. The development shall access Goose Creek Road via a roadway within a 60' right of way (as shown on Exhibit "B") to be designed, permitted, and constructed by the developer.
5. The developer shall also extend Eagle Point Court west into the entrance of the proposed development. The developer shall complete these improvements at their sole cost and expense in order to obtain building permits. The developer shall obtain any and all right-of-way necessary for the improvements to connect to Eagle Point Court.
6. Sidewalks will be required per LDR, as amended.
7. All internal roads shall be designed to meet Lake County Road Design Standards.
8. Future road maintenance will be funded through the use of a municipal service taxing unit (MSTU), or municipal service benefit unit (MSBU) as authorized under Section 2 125.01(1)(q), Florida Statutes. Before or concurrent with any final plat or site plan approval, the Owner shall provide any documentation required by the County to impose an MSTU or MSBU, at the County's discretion, on the platted lots. Additionally, the Owner acknowledges and agrees that the MSTU or MSBU shall be collected as a non-

ad valorem assessment using the uniform method of collection set forth under Section 7 197.3632, Florida Statutes.

9. All access management shall be in accordance with the Comprehensive Plan and Land Development Regulations, as amended.

J. Parking Requirements. Parking will be provided in accordance with the LDR, as amended, or as set forth in the Architectural Design Standards above.

K. Stormwater Management.

1. The stormwater management system shall be designed in accordance with all applicable Lake County and St. Johns River Water Management District (SJRWMD) requirements, as amended.

2. The developer shall be responsible for any flood studies required for developing the site and comply with FEMA, Comprehensive Plan and LDR, as amended. Any development within the floodplain as identified on the FEMA maps will require compensating storage.

L. Utilities. Water and sewer shall be provided to the development by Lakeside waterworks. A copy of the utility service agreement shall be provided.

M. Lighting. All development will adhere to the dark-sky principles set forth in Section 3.09.00, LDR, as amended. These same provisions shall apply to individual lot owners as well as the common areas.

N. Signage. All signage must be in accordance with the LDR, as amended.

O. Schools. School Concurrency shall be met before final plat approval in accordance with the Comprehensive Plan and LDR, as amended.

P. Concurrency Management Requirements. All development must comply with the Lake County Concurrency Management System, as amended.

Q. Development Review and Approval. Prior to the issuance of any permits, the Owner shall submit a preliminary plat, construction plans, and final plat generally consistent with the Conceptual Plan attached as Exhibit "B" for review and approval in accordance with the Comprehensive Plan and LDR, as amended.

R. PUD Expiration. Physical development shall commence within three (3) years from the date of this Ordinance approval. Failure to commence construction within three (3) years of approval shall cause the revocation of this ordinance, in accordance with the Comprehensive Plan or superseding documents, as amended. Prior to expiration of the three-year time frame, the Board of County Commissioners may grant, via a Public Hearing, one (1) extension of the time frame for a maximum of two (2) years upon a showing that reasonable efforts have been made towards securing the required approvals and commencement of work. Notwithstanding the foregoing, if at any time the developer is granted an extension of time pursuant to Section 252.363, Florida Statutes, or Section 7-5, Lake County Code, to the preliminary plat, construction plans, or final plat, commencement of physical development shall be equally extended so long as the development is proceeding in good faith and does not allow the originally extended development order to expire.

S. Future Amendments to Statutes, Code, Plans, and/or Regulations. The specific references in this Ordinance to the Florida Statutes, Florida Administrative Code, Lake County Comprehensive Plan, and Lake County LDR shall include any future amendments to the

Statutes, Code, Plans, and/or Regulations.

Section 2. Conditions.

- A. After establishment of the facilities as provided in this Ordinance, the property identified in this Ordinance may only be used for the purposes identified in this Ordinance. Any other proposed use must be specifically authorized by the Board of County Commissioners.
- B. No person, firm, or corporation may erect, construct, enlarge, alter, repair, remove, improve, move, convert, or demolish any building structure, add other uses, or alter the land in any manner within the boundaries of the above-described land without first obtaining the necessary approvals in accordance with the Lake County Code, as amended, and obtaining the permits required from the other appropriate governmental agencies.
- C. This Ordinance will inure to the benefit of and will constitute a covenant running with the land and the terms, conditions, and provisions of this Ordinance, and will be binding upon the present Owner and any successor and will be subject to each condition in this Ordinance.
- D. The transfer of ownership or lease of any or all the property described in this Ordinance must include in the transfer or lease agreement, a provision that the purchaser or lessee is made good and aware of the conditions established by this Ordinance and agrees to be bound by these conditions. The purchaser or lessee may request a change from the existing plans and conditions by following procedures contained in the LDR, as amended.
- E. The Lake County Code Enforcement Special Master will have authority to enforce the terms and conditions set forth in this ordinance and to recommend that the ordinance be revoked.

Section 3. Severability: If any section, sentence, clause or phrase of this Ordinance is held to be invalid or unconstitutional by any court of competent jurisdiction, the holding will in no way affect the validity of the remaining portions of this Ordinance.

Section 4. Filing with the Department of State. The clerk is hereby directed forthwith to send a copy of this Ordinance to the Secretary of State for the State of Florida in accordance with Section 125.66, Florida Statutes.


Section 5. Effective Date. This Ordinance will become effective as provided by law.

ENACTED this 6th day of June, 2023.


FILED with the Secretary of State June 9th, 2023.

EFFECTIVE June 6th, 2023.

BOARD OF COUNTY COMMISSIONERS
LAKE COUNTY, FLORIDA


KIRBY SMITH, CHAIRMAN

ATTEST:


GARY COONEY, CLERK OF THE
BOARD OF COUNTY COMMISSIONERS
LAKE COUNTY, FLORIDA



APPROVED AS TO FORM AND LEGALITY:


for MELANIE MARSH, COUNTY ATTORNEY

EXHIBIT "A" – LEGAL DESCRIPTION (PAGE 1 OF 2)

ALTERNATE KEY 1387728 AND 1387779 –

The Southeast 1/4 of the Southeast 1/4, less the South 685 feet of the East 380 feet, Less Road Right-of-Way, in Section 1, Township 19 South, Range 25 East, Lake County, Florida, and

The South 1/2 of the Southwest 1/4 of the Northeast 1/4 of the Southeast 1/4, Section 1, Township 19 South, Range 25 East, Lake County, Florida (hereinafter the "Land").

ALTERNATE KEY 1387736 –

The North 1/2 of the Southwest 1/4 of the Northeast 1/4 of the Southeast 1/4 and the South 1/2 of the Northwest 1/4 of the Northeast 1/4 of the Southeast 1/4, all in Section 01, Township 19 South, Range 25 East, Lake County, Florida. Together with an easement for ingress and egress described as follows: an easement extending 182.56 feet, beginning at the Northwest corner of the Northeast 1/4 of the Southeast 1/4 of Section 01, Township 19 South, Range 25 East, Lake County, Florida, thence running South across the West 20 feet of the Northeast 1/4 of the Southeast 1/4 of said Section 01, and continuing South 147.44 feet across the West 15 feet of said Northeast 1/4 of the Southeast 1/4 of said Section 01 thereof. Also, an easement extending South 330 feet, across the East 5 feet of the Northwest 1/4 of the Southeast 1/4 of said Section 01 thereof.

LESS:

The North 1/2 of the Southwest 1/4 of the Northeast 1/4 of the Southeast 1/4, Section 01, Township 19 South, Range 25 East, Lake County, Florida. Together with an easement for Ingress and Egress described as follows: an Easement extending 182.56 feet, beginning at the Northwest corner of the Northeast 1/4 of the Southeast 1/4 of Section 01, Township 19 South, Range 25 East, Lake County, Florida, thence running South across the West 20 feet of the Northeast 1/4 of the Southeast 1/4 of said Section 01, and continuing South 147.44 feet across the West 15 feet of said Northeast 1/4 of the Southeast 1/4 of said Section 01 thereof. Also, an easement extending South 330 feet, across the East 5 feet of the Northwest 1/4 of the Southeast 1/4 of said Section 01 thereof. Also an easement for ingress and egress over the following described parcel of land: The West 50 feet of the South 1/2 of the Northwest 1/4 of the Northeast 1/4 of the Southeast 1/4 and the West 50 feet of the North 1/2 of the Southwest 1/4 of the Northeast 1/4 of the Southeast 1/4 of Section 01, Township 19 South, Range 25 East, Lake County, Florida.

Together with an easement for ingress and egress over the following described property: The West 45 feet of the West 200 feet of the South 1/2 of the North 1/2 of the Northwest 1/4 of the Northeast 1/4 of the Southeast 1/4 of Section 1, Township 19 South, Range 25 East, Lake County, Florida.

EXHIBIT "A" – LEGAL DESCRIPTION (PAGE 2 OF 2)

ALTERNATE KEY 3829154 -

THE NORTH 1/2 OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4, SECTION 01, TOWNSHIP 19 SOUTH, RANGE 25 EAST, LAKE COUNTY, FLORIDA. TOGETHER WITH AN EASEMENT FOR INGRESS AND EGRESS DESCRIBED AS FOLLOWS: AN EASEMENT EXTENDING 182.58 FEET, BEGINNING AT THE NORTHWEST CORNER OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 01, TOWNSHIP 19 SOUTH, RANGE 25 EAST, LAKE COUNTY, FLORIDA, THENCE RUNNING SOUTH ACROSS THE WEST 20 FEET OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 01, AND CONTINUING SOUTH 147.44 FEET ACROSS THE WEST 15 FEET OF SAID NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 01 THEREOF. ALSO, AN EASEMENT EXTENDING SOUTH 330 FEET, ACROSS THE EAST 5 FEET OF THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 01 THEREOF. ALSO AN EASEMENT FOR INGRESS AND EGRESS OVER THE FOLLOWING DESCRIBED PARCEL OF LAND: THE WEST 50 FEET OF THE SOUTH 1/2 OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 AND THE WEST 50 FEET OF THE NORTH 170.48 FEET OF THE NORTH 1/2 OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 01, TOWNSHIP 19 SOUTH, RANGE 25 EAST, LAKE COUNTY, FLORIDA.



FLORIDA DEPARTMENT *of* STATE

RON DESANTIS
Governor

CORD BYRD
Secretary of State

June 9, 2023

Honorable Gary J. Cooney
Clerk of the Circuit Court and Comptroller
Lake County
550 West Main Street
P. O. Box 7800
Tavares, Florida 32778-7800

Attention: Josh Pearson

Dear Gary Cooney,

Pursuant to the provisions of Section 125.66, Florida Statutes, this will acknowledge receipt of your electronic copy of Lake County Ordinance No. 2023-36, which was filed in this office on June 9, 2023.

Sincerely,

Anya Owens
Administrative Code and Register Director

ACO/wlh

Exhibit D

Legal Description of Proposed Territory

DESCRIPTION:

THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4, LESS THE SOUTH 685 FEET OF THE EAST 380 FEET, LESS ROAD RIGHT-OF-WAY, IN SECTION 1, TOWNSHIP 19 SOUTH, RANGE 25 EAST, LAKE COUNTY, FLORIDA.

AND

THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4, SECTION 1, TOWNSHIP 19 SOUTH, RANGE 25 EAST, LAKE COUNTY, FLORIDA.

AND

THE NORTH 1/2 OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 AND THE SOUTH 1/2 OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4, ALL IN SECTION 01, TOWNSHIP 19 SOUTH, RANGE 25 EAST, LAKE COUNTY, FLORIDA. TOGETHER WITH AN EASEMENT FOR INGRESS AND EGRESS DESCRIBED AS FOLLOWS: AN EASEMENT EXTENDING 182.56 FEET, BEGINNING AT THE NORTHWEST CORNER OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 01, TOWNSHIP 19 SOUTH, RANGE 25 EAST, LAKE COUNTY, FLORIDA, THENCE RUNNING SOUTH ACROSS THE WEST 20 FEET OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 01, AND CONTINUING SOUTH 147.44 FEET ACROSS THE WEST 15 FEET OF SAID NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 01 THEREOF. ALSO, AN EASEMENT EXTENDING SOUTH 330 FEET, ACROSS THE EAST 5 FEET OF THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 01 THEREOF.

TOGETHER WITH AN EASEMENT FOR INGRESS AND EGRESS OVER THE FOLLOWING DESCRIBED PROPERTY: THE WEST 45 FEET OF THE WEST 200 FEET OF THE SOUTH 1/2 OF THE NORTH 1/2 OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 1, TOWNSHIP 19 SOUTH, RANGE 25 EAST, LAKE COUNTY, FLORIDA.

ALSO AN EASEMENT FOR INGRESS AND EGRESS OVER THE FOLLOWING DESCRIBED PARCEL OF LAND: THE WEST 50 FEET OF THE SOUTH 1/2 OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 AND THE WEST 50 FEET OF THE NORTH 170.46 FEET OF THE NORTH 1/2 OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 01, TOWNSHIP 19 SOUTH, RANGE 25 EAST, LAKE COUNTY, FLORIDA.

Exhibit D

Legal Description of Existing Territory

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Application for approval to transfer
water and wastewater system Certificate Nos.
567-W and 494-S in Lake County from
Shangri-La by the Lake Utilities, Inc. to
Lakeside Waterworks, Inc.

DOCKET NO. 120317-WS
ORDER NO. PSC-13-0425-PAA-WS
ISSUED: September 18, 2013

The following Commissioners participated in the disposition of this matter:

RONALD A. BRISÉ, Chairman
LISA POLAK EDGAR
ART GRAHAM
EDUARDO E. BALBIS
JULIE I. BROWN

NOTICE OF PROPOSED AGENCY ACTION
ORDER SETTING NET BOOK VALUE AND
DECLINING TO MAKE AN ACQUISITION ADJUSTMENT AND
FINAL ORDER APPROVING TRANSFER OF CERTIFICATE NOS. 567-W and 494-S

BY THE COMMISSION:

NOTICE is hereby given by the Florida Public Service Commission that the action discussed herein with respect to setting net book value and declining to make an acquisition adjustment is preliminary in nature and will become final unless a person whose interests are substantially affected files a petition for a formal proceeding, pursuant to Rule 25-22.029, Florida Administrative Code.

Background

Shangri-La by the Lake Utilities, Inc. (Shangri-La or Utility or Seller) is a Class C water and wastewater utility serving approximately 186 water and 179 wastewater customers in Lake County. The Utility was granted Certificate Nos. 567-W and 494-S (certificates) on January 12, 1996, by Order No. PSC-96-0062-FOF-WS.¹ The Utility has had two subsequent amendments.²

¹ See Order No. PSC-96-0062-FOF-WS, issued January 12, 1996, in Docket No. 940653-WS, In re: Application for certificates to provide water and wastewater services in Lake County by Shangri-La by the Lake Utilities, Inc.

² See Order Nos. PSC-06-0106-FOF-WS, issued February 13, 2006, in Docket No. 050642-WS, In re: Application for amendment of Certificates 567-W and 494-S to extend water and wastewater service areas to include certain land in Lake County by Shangri-La by the Lake Utilities, Inc.; and PSC-06-0095-FOF-WS, issued February 10, 2006, in Docket No. 050875-WS, In re: Application for amendment of Certificates 567-W and 494-S to extend water and wastewater service areas to include certain land in Lake County by Shangri-La by the Lake Utilities, Inc.

According to the Utility's 2012 annual report, total gross revenues were \$34,658 for water and \$25,799 for wastewater, and total operating expenses were \$34,639 for water and \$39,425 for wastewater.

On December 20, 2012, an application was filed for the transfer of the Shangri-La's water and wastewater systems, and Certificate Nos. 567-W and 494-S, to Lakeside Waterworks, Inc. (Lakeside or Buyer). The closing is contingent upon our approval. The Utility also has a staff-assisted rate case pending in Docket No. 130194-WS. We have jurisdiction pursuant to Section 367.071, Florida Statutes, (F.S.).

Noticing, Territory, and Land Ownership

The application contains proof of compliance with the noticing provisions set forth in Section 367.071, F.S., and Rule 25-30.030, F.A.C. No objections to the transfer were timely filed. The application contains a description of the Utility's authorized service territory, which is appended to this Order as Attachment A. The application contains a copy of a 99-year land lease that was executed on November 16, 2012, as evidence that Lakeside has continued use of the land upon which the water and wastewater treatment facilities are located.

Purchase Agreement and Financing

In compliance with Rule 25-30.037(2)(h), F.A.C., the application contains a copy of the executed purchase agreement, which includes the purchase price, terms of payment, and a list of the assets purchased. The Utility's assets were purchased by Lakeside for \$85,000. There are no guaranteed revenue contracts, developer agreements, or debt of Shangri-La that must be disposed of with regard to the transfer. Customer deposits were transferred from Shangri-La to Lakeside and have been credited to customer accounts. As noted, the sale took place on October 18, 2012, subject to our approval, pursuant to Section 367.071(1), F.S.

Facility Description and Compliance

Shangri-La's water system consists of two wells (one 6-inch and one 8-inch) treated with chlorine. The treated water is channeled into a 3,000-gallon hydropneumatic tank, a 5,000-gallon hydropneumatic tank, and a 15,000-gallon storage tank for distribution to customers. The wastewater system includes PVC collection lines, 15 manholes, and 4 lift stations. The treatment process consists of activated sludge and effluent discharge into spray fields. We have verified that the water and wastewater systems are currently in substantial compliance with all applicable standards set by the Florida Department of Environmental Protection.

Technical and Financial Ability

Pursuant to Rule 25-30.037(2)(j), F.A.C., the application contains a statement indicating that the transfer is in the public interest. The application also included information attesting to the fact that Lakeside's president, Mr. Gary Deremer, has 27 years of experience in the water and wastewater industry, including utility ownership in the following systems previously regulated by this Commission and subsequently sold to FGUA:

methodology, a positive acquisition adjustment could be included in rate base. However, Rule 25-30.0371(2), also states that:

Any entity that believes that a full or partial positive acquisition adjustment should be made has the burden to prove the existence of extraordinary circumstances. In determining whether extraordinary circumstances have been demonstrated, the Commission shall consider evidence provided to the Commission such as anticipated improvements in quality of service, anticipated improvements in compliance with regulatory mandates, anticipated rate reductions or rate stability over a long-term period, anticipated cost efficiencies, and whether the purchase price was made as part of an arms-length transaction.

In this case, the Buyer stated in the application that Lakeside was not seeking an acquisition adjustment. Given that the Buyer did not request an acquisition adjustment and there is no evidence of extraordinary circumstances, no acquisition adjustment shall be made in this case.

Conclusion

Based on the above, we find that the NBV of the Utility's water system is \$22,370 and its wastewater system is \$42,984, as of December 31, 2012. A positive acquisition adjustment shall not be included in rate base. Within 30 days of the date of the final order, Lakeside shall be required to provide general ledger balances, which show its books have been updated to reflect the approved balances as of December 31, 2012, along with a statement that these numbers will also be reflected in the Utility's 2013 annual report.

Based on the foregoing, it is

ORDERED by the Florida Public Service Commission that the application for approval of transfer of the Shangri-La by the Lake Utilities, Inc.'s water and wastewater systems, and Certificate Nos. 567-W and 494-S, to Lakeside Waterworks, Inc. is approved effective August 26, 2013. The transferred territory is described in Attachment A. This order shall serve as certificate and shall be retained. The tariff pages reflecting the transfer shall be effective on or after the stamped approval date on the tariff sheets, pursuant to Rule 25-30.475(1) F.A.C. It is further

ORDERED that Lakeside Waterworks, Inc. shall be responsible for the Utility's annual reports and RAFs for 2013 and future years. It is further

ORDERED that the net book value of Lakeside Waterworks, Inc.' water system for transfer purposes is \$22,370 and its wastewater system is \$42,984, as of December 31, 2012. It is further

ORDERED that, within 30 days of the date of the final order, Lakeside Waterworks, Inc. shall provide general ledgers that show its books have been updated to reflect our approved balances as of December 31, 2012, along with a statement that the adjustments will be reflected in the Utility's 2013 annual report. It is further

ORDERED that Lakeside Waterworks, Inc.'s approved and existing rates and charges shall remain in effect until a change is authorized by this Commission in a subsequent proceeding. It is further

ORDERED that a negative acquisition adjustment shall not be included in rate base. It is further

ORDERED that the provisions of this Order, except for the approval of the transfer which is final agency action, are issued as proposed agency action, and shall become final and effective upon the issuance of a Consummating Order unless an appropriate petition, in the form provided by Rule 28-106.201, Florida Administrative Code, is received by the Commission Clerk, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, by the close of business on the date set forth in the "Notice of Further Proceedings" attached hereto. It is further

ORDERED that in the event this Order becomes final, this docket shall be closed.

By ORDER of the Florida Public Service Commission this 18th day of September, 2013.



HONG WANG
Chief Deputy Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399
(850) 413-6770
www.floridapsc.com

Copies furnished: A copy of this document is provided to the parties of record at the time of issuance and, if applicable, interested persons.

LAKESIDE WATERWORKS, INC.

Lake County

Description of Water and Wastewater Territory

PER ORDER NO. PSC-96-0062-FOF-WS

The following described lands located in Section 6, Township 19 South, Range 26 East, Lake County, Florida:

Begin for a Point of Beginning at the Southeast corner of Section 6, Township 19 South, Range 26 East, Lake County, Florida, also described as the Southwest corner of Government Lot 9 of said Section 6, run thence N. $0^{\circ}28'58''$ E. a distance of 1285.90 feet to the Northwest corner of said Government Lot 9, run thence North $89^{\circ}59'40''$ E. a distance of 2711.55 feet, more or less to the waters of Lake Eustis to a point hereby designated as Point "A"; begin again at the point of beginning and run East along the South line of said Section 6 a distance of 1363.00 feet, run thence North 100.00 feet, run thence East 450.00 feet, more or less, to the waters of Lake Eustis, run thence in a Northeasterly direction along the waters of Lake Eustis to the aforesaid point "A" and point of termination.

Also, the South 685 feet of the East 380 feet of the Southeast $\frac{1}{4}$ of the Southeast $\frac{1}{4}$ of Section 1, Township 19 South, Range 35 East. Less the East 50 feet and less the South 25 feet thereof.

PER ORDER NO. PSC-06-0095-FOF-WS

PARCEL 1 (HARBOR SHORES) WATER SERVICE ONLY:

That part of Government Lot 7, Section 6, Township 19 South, Range 26 East, Lake County, Florida, being described as follows:

Commence at the Southwest corner of Government Lot 7, thence run North $89^{\circ}26'52''$ East along the South line of Government Lot 7, 66.00 feet to the Southerly extension of the East right of way line of Harbor Shores Drive; thence run North $00^{\circ}04'08''$ West along said Southerly extension, 33.00 feet to the intersection of the North right of way line and East right of way line of said Harbor Shores Drive for the Point of Beginning; thence run North $00^{\circ}04'08''$ West along said east right of way line, 951.09 feet to a point 300.00 feet south of the northwest corner of Government Lot 7; thence run North $89^{\circ}26'52''$ East parallel with the North line of Government Lot 7, 726.00 feet; thence run North $00^{\circ}04'08''$ West parallel with the West line of

Government Lot 7, 300.00 feet to a point 759.00 East of the Northwest corner of Government Lot 7; thence run North 89°26'52" East along said North line, 594.19 feet to the meander line as

Attachment A

Page 2 of 2

established by U.S. General Land Office in 1926; thence run South 02°31'38" East along said meander line, 299.29 feet; thence continue along said meander line South 29°50'19" West, 667.71 feet to the Westerly right of way line of Harbor Shores Drive; thence run South 39°23'45" West along said Westerly right of way line, 490.42 feet to the intersection of the North right of way line and Westerly right of way line of Harbor Shores Drive; thence run South 89°26'52" West along said North right of way line, 688.37 feet to the Point of Beginning.

PARCEL 2 (INSIM ESTATES) WATER AND WASTEWATER SERVICE:

That part of Government Lots 7 and 12, Section 6, Township 19 South, Range 26 East, Lake County, Florida, being described as follows:

Commence at the Southwest corner of Government Lot 7, thence run North 89°26'52" East along the South line of Government Lot 7, 813.11 feet to the Easterly right of way line of Harbor Shores Drive for the Point of Beginning; thence run North 39°23'45" East along said Easterly right of way line, 130.44 feet to a line 100 feet North of, when measured perpendicular to, the South line of Government Lot 12; thence run North 89°26'52" East along said line 100 feet North of Government Lot 12, 784 feet more or less to the water's edge of Lake Eustis; thence run Southwesterly along said water's edge to the South line of Government Lot 12; thence run South 89°26'52" West along the South line of Government Lot 12 and 7, 790 feet more or less to the Point of Beginning.

PER ORDER NO. PSC-06-0106-FOF-WS

AMENDMENT TO WATER AND WASTEWATER SERVICE TERRITORY FOR SHANGRI-LA-BY-THE-LAKE UTILITIES, INC. IN LAKE COUNTY

That portion of Section 6, Township 19 South, Range 26 East and that portion of Section 7, Township 19 South, Range 26 East, all in Lake County, Florida bounded and described as follows:

Beginning at the Southwest corner of said Section 6, said corner also being the Northwest corner of said Section 7 run thence East 1363 feet to a point on the South line of said Section 6; thence North, 100.00 feet; thence East 450 feet, more or less, to the waters of Lake Eustis and a point hereby designated as point "A".

Thence return to the Point of Beginning and run South 00°09'59" East, 460.00 feet along the West line of said Section 7; thence South 63°00'00" East to the waters of Lake Eustis, thence Northerly and Easterly along and with the said waters of Lake Eustis to the aforementioned point "A" for Point of Terminus.

Exhibit E

Detailed System Map
Existing

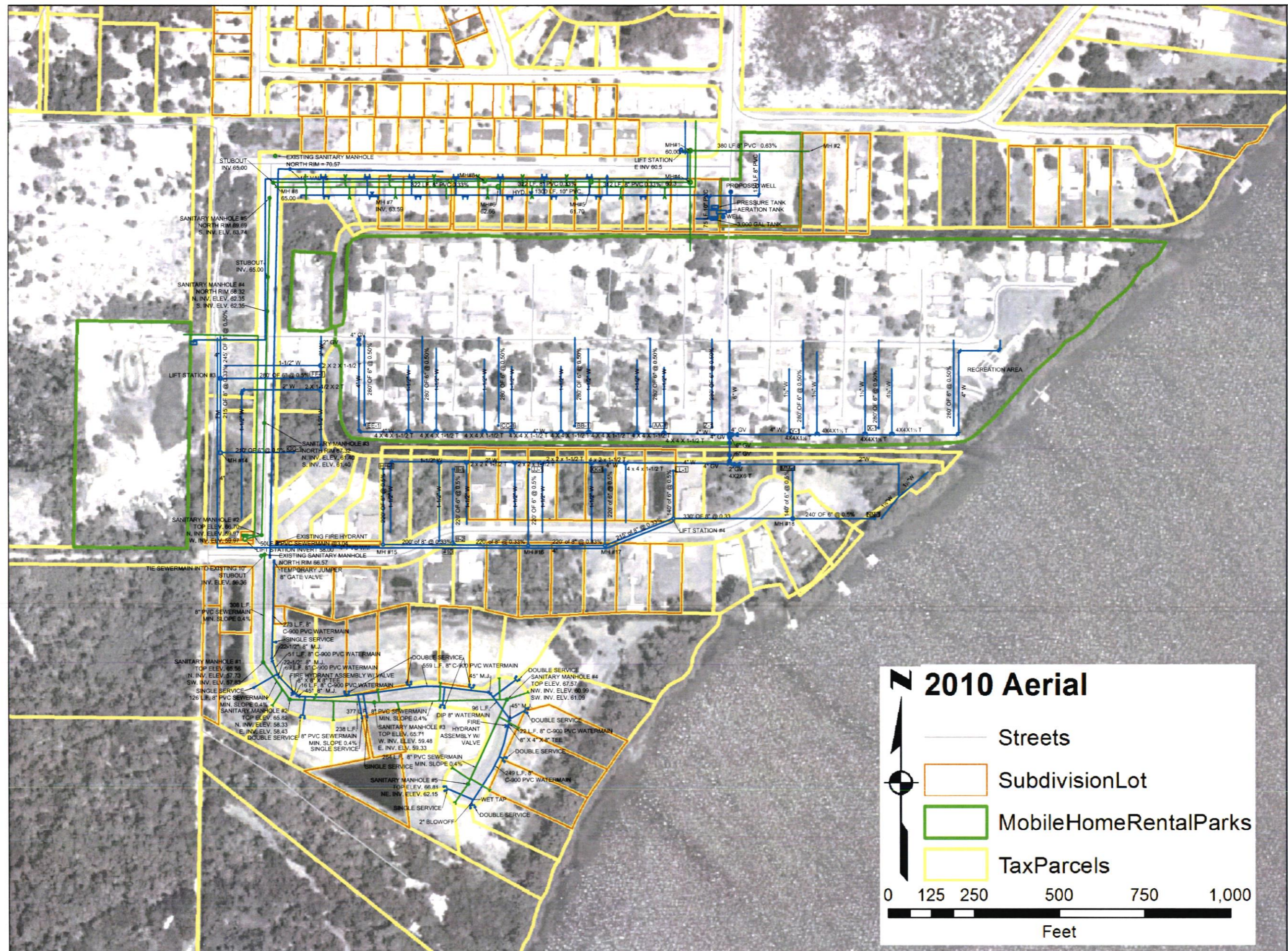


Exhibit E

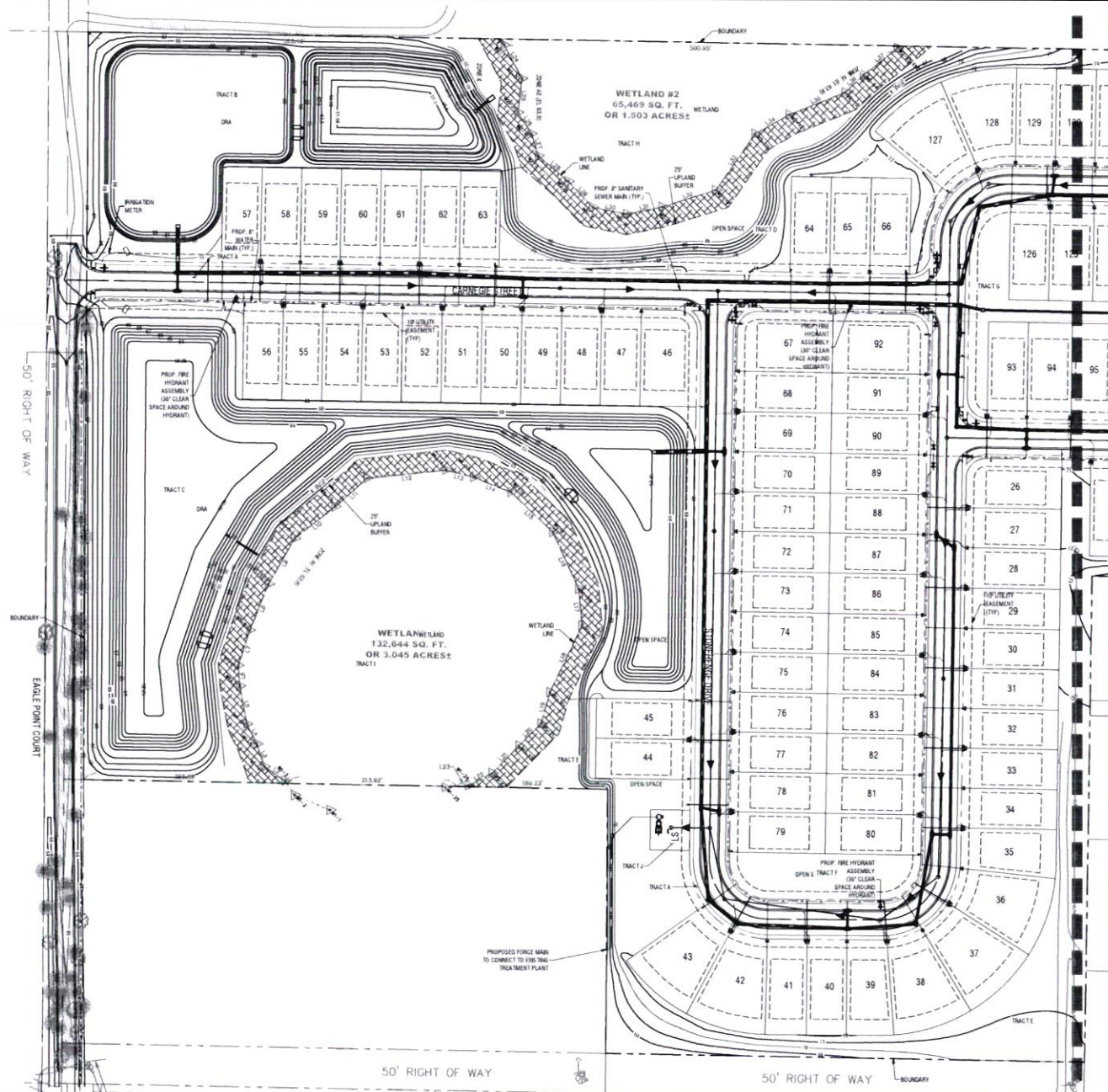
Detailed System Map
Proposed



LEGEND	
	12" DRAINAGE / UTILITY EASEMENT
	SANITARY STRUCTURE NUMBER
	SANITARY SEWER MANHOLE
	SANITARY SEWER PIPE
	SINGLE SANITARY SEWER LATERAL
	DOUBLE SANITARY SEWER LATERAL
	FORCE MAIN
	WATER MAIN
	SINGLE WATER SERVICE
	DOUBLE WATER SERVICE
	GATE VALVE
	BLOW OFF VALVE
	AIR RELEASE VALVE
	REDUCER
	LINE STOP
	TEE
	ELBOW
	WYE
	CROSS
	CAP
	FIRE HYDRANT
	STORM STRUCTURE NUMBER
	STORM MANHOLE
	STORM PIPE
	MODIFIED TYPE 6 INLET
	TYPE 12 INLET (PER FOOT STANDARD)
	PLANS INDEX 425-902
	PLANNED END SECTION (PER FOOT)
	STANDARD PLANS INDEX 430-020
	FLOW ARROW
	SINGLE REUSE SERVICE
	DOUBLE REUSE SERVICE
	IRRIGATION METER

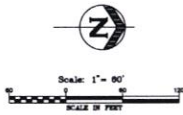
UTILITY NOTES

1. THE PROPERTY WILL NOT BE A GATED COMMUNITY. THE STREETS WILL BE PUBLIC AND DEDICATED TO LAKE COUNTY.
2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATION OF ALL UTILITIES PRIOR TO BEGINNING ANY EXCAVATION.
3. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
4. ALL HYDROSATIC TESTS SHALL BE IN ACCORDANCE WITH AWWA C600 FOR DUCTILE IRON PIPE AND AWWA C900 FOR PVC PIPE.
5. THE DISINFECTION FOR WATER DISTRIBUTION SYSTEM SHALL BE IN ACCORDANCE WITH AWWA C900 (DISINFECTING WATER MAINS).
6. ALL POLYETHYLENE MATERIAL SHALL BE PER AWWA C900.
7. ALL UTILITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LAKE COUNTY UTILITY CONSTRUCTION SPECIFICATIONS.
8. ALL WATER AND SEWER LINES AND VALVES AS WELL AS METERS, METER BOXES, LOCKABLE CUMPS AND BACKFLOWS TO BE INSTALLED BY THE CONTRACTOR/DEVELOPER FOR THE LAKE COUNTY REGULATION.
9. WATER VALVES TO BE PLACED PER LAKE COUNTY REGULATION.
10. FIRE HYDRANTS SHALL BE COLOR CODED BASED ON THE FLOW TESTS OBTAINED.
11. THE SITE AND BUILDING CONSTRUCTION WORK BEING CONDUCTED ON THE PROPERTY WILL COMPLY WITH THE 6TH EDITION OF THE FLORIDA FIRE PREVENTION CODES.
12. ALL WATER MAINS AND HYDRANTS SHALL BE INSTALLED, COMPLETED AND IN SERVICE PRIOR TO CONSTRUCTION WORK (FFPC 116.4.3.1.3, LATEST EDITION).
13. THE WATER SYSTEM MUST BE ABLE TO SUPPLY ANY HYDRANT WITH 1000 GPM AT 20 PSI AT ANY TIME OF THE DAY. THE NEW FIRE HYDRANTS SHALL BE TESTED BY THE CONTRACTOR IN THE PRESENCE OF THE FIRE DEPARTMENT PRIOR TO APPROVAL OF THE FIRE HYDRANTS BY THE FIRE DEPARTMENT. (18.3, NFPA 1, LATEST EDITION).
14. A 10' CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF ALL PROPOSED FIRE HYDRANTS.
15. NEWLY INSTALLED FIRE HYDRANTS WILL REQUIRE A FLOW TEST AND SHALL BE WITNESSED BY THE LAKE COUNTY BUILDING SERVICES FIRE INSPECTOR PRIOR TO APPROVAL OF ANY BUILDING PERMITS.
16. FIRE PROTECTION WATER SUPPLY WILL BE AVAILABLE PRIOR TO AND DURING CONSTRUCTION.
17. CONTRACTOR/DEVELOPER WILL BE REQUIRED TO COMPLETE ALL FLOW AND PRESSURE TESTING NEEDED FOR THE PROJECT. TOWN STAFF WILL NEED 48 HRS NOTICE.
18. CONTRACTOR WILL NEED TO MAKE COMPLETE ALL CONNECTIONS TO TOWN UTILITY LINES NEEDED FOR PROJECT. TOWN WILL NEED 48 HRS NOTICE BEFORE ANY TAPS OR CONNECTIONS ARE MADE.
19. PROPOSED SUBDIVISION WILL COMPLY WITH LOR 8.06.06 - FIRE PROTECTION STANDARDS AND NEEDED FIRE FLOW REQUIREMENTS PER NFPA 1, CHAPTER 18, 4.5.1 MIN. THROUGH PIPES NOT EXCEEDING 5000 SF) AND 18.4.5.2 MIN. PER TABLE 18.4.5.2.1 (HOMES EXCEEDING 5000 SF).
20. A 10' CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF FIRE HYDRANTS.
21. NEWLY INSTALLED FIRE HYDRANTS WILL REQUIRE A FLOW TEST (PER APPLICABLE) AND SHALL BE WITNESSED BY LAKE COUNTY FIRE INSPECTOR PRIOR TO APPROVAL OF ANY BUILDING PERMITS.
22. PROPOSED MECHANICAL GATES WILL REQUIRE FIRE DEPT ACCESS (CLICK/ENTER) TO BE PERMITTED SEPARATELY.

GOOSE CREEK,
LAKE COUNTY, FL.UTILITY
PLAN

DATE: 07-30-2024
 DESIGNED BY: CCH
 DRAWN BY: RLGRD
 CHECKED BY: BOB
 JOB NO.: 046515.000
 FILE NAME: GOOSE CREEK PSP
 Sheet C-300

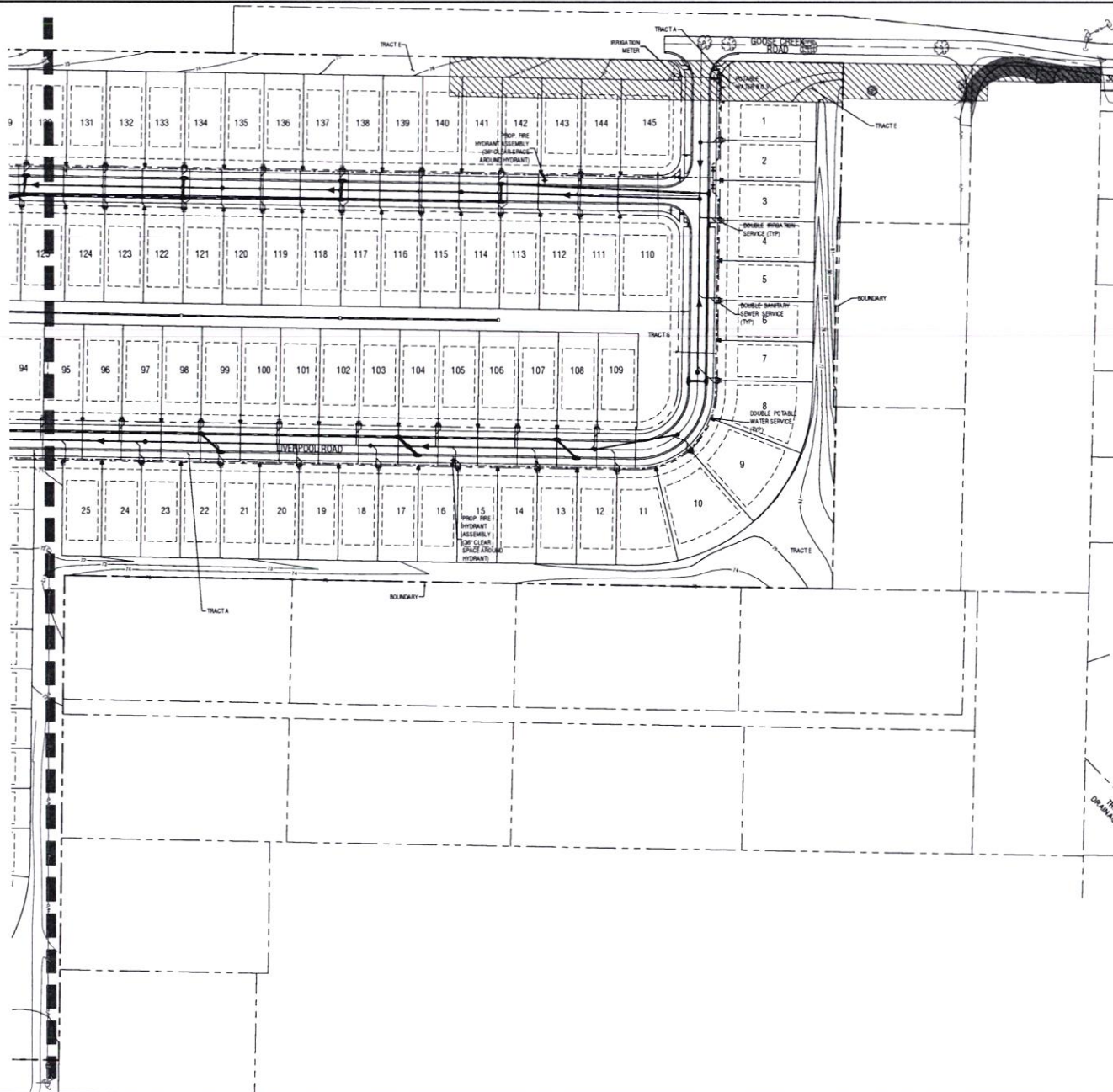
CHARLES C. HOLT, P.E.
 Registered Eng. 54813



LEGEND	
	10' DRAINAGE / UTILITY EASEMENT
	SANITARY STRUCTURE NUMBER
	SANITARY SEWER MANHOLE
	SANITARY SEWER PIPE
	SINGLE SANITARY SEWER LATERAL
	DOUBLE SANITARY SEWER LATERAL
	FORCE MAIN
	WATER MAIN
	SINGLE WATER SERVICE
	DOUBLE WATER SERVICE
	GATE VALVE
	BLOW OFF VALVE
	AIR RELEASE VALVE
	REDUCER
	LINE STOP
	TEE
	ELBOW
	WYE
	CROSS
	CAP
	FIRE HYDRANT
	STORM STRUCTURE NUMBER
	STORM MANHOLE
	STORM PIPE
	MODIFIED TYPE B INLET
	TYPE C INLET (PER FOOT STANDARD)
	FLARED END SECTION (PER FOOT)
	STANDARD PLANS INDEX (430-020)
	FLOW ARROW
	SINGLE RELEASE SERVICE
	DOUBLE RELEASE SERVICE
	IRRIGATION METER

UTILITY NOTES

1. THE PROPERTY WILL NOT BE A GATED COMMUNITY. THE STREETS WILL BE PUBLIC AND DEDICATED TO LAKE COUNTY.
2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATION OF ALL UTILITIES PRIOR TO BEGINNING ANY DEDICATION.
3. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
4. ALL HYDROSTATIC TEST SHALL BE IN ACCORDANCE WITH AWWA C900 FOR DUCTILE IRON PIPE AND AWWA C900 FOR PVC PIPE.
5. THE DISINFECTION FOR WATER DISTRIBUTION SYSTEM SHALL BE IN ACCORDANCE WITH AWWA C651 (DISINFECTING WATER MAINS).
6. ALL POLYETHYLENE MATERIAL SHALL BE PER AWWA C900.
7. ALL UTILITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LAKE COUNTY UTILITY CONSTRUCTION SPECIFICATIONS.
8. ALL WATER AND SEWER LINES AND VALVES AS WELL AS METERS, METER BOXES, LOCKABLE CURB STOPS AND BACKFLOWS TO BE INSTALLED BY THE CONTRACTOR/DEVELOPER PER THE LAKE COUNTY REGULATIONS.
9. WATER VALVES TO BE PLACED PER LAKE COUNTY REGULATIONS.
10. FIRE HYDRANTS SHALL BE COLOR CODED BASED ON THE FLOW TESTS OBTAINED.
11. THE SITE AND BUILDING CONSTRUCTION WORK BEING CONDUCTED ON THE PROPERTY WILL COMPLY WITH THE 6TH EDITION OF THE FLORIDA FIRE PREVENTION CODES.
12. ALL WATER MAINS AND HYDRANTS SHALL BE INSTALLED, COMPLETED, AND IN SERVICE PRIOR TO CONSTRUCTION WORK. (FFPC 1, 15.4.2.1.3, LATEST EDITION).
13. THE WATER SYSTEM MUST BE ABLE TO SUPPLY ANY HYDRANT WITH 1000 GPM AT 20 PSI AT ANY TIME OF THE DAY. THE NEW FIRE HYDRANTS SHALL BE TESTED BY THE CONTRACTOR IN THE PRESENCE OF THE FIRE DEPARTMENT PRIOR TO APPROVAL OF THE FIRE HYDRANTS BY THE FIRE DEPARTMENT. (15.3, NFPA 1, LATEST EDITION).
14. A 30' CLEAR SPACE SHALL BE MAINTAINED AROUND THE CONFORMANCE OF ALL PROPOSED FIRE HYDRANTS.
15. NEWLY INSTALLED FIRE HYDRANTS WILL REQUIRE A FLOW TEST AND SHALL BE WITNESSED BY THE LAKE COUNTY BUILDING SERVICES FIRE INSPECTOR PRIOR TO APPROVAL OF ANY BUILDING PERMITS.
16. FIRE PROTECTION WATER SUPPLY WILL BE AVAILABLE PRIOR TO AND DURING CONSTRUCTION.
17. CONTRACTOR/DEVELOPER WILL BE REQUIRED TO COMPLETE ALL FLOW AND PRESSURE TESTING NEEDED FOR THE PROJECT TOWN START WILL NEED 48 HRS NOTICE.
18. CONTRACTOR WILL NEED TO MAKE COMPLETE ALL CONNECTIONS TO TOWN UTILITY LINES NEEDED FOR PROJECT. TOWN WILL NEED 48 HRS NOTICE BEFORE ANY TAPS OR CONNECTIONS ARE MADE.
19. PROPOSED SUBDIVISION WILL COMPLY WITH LOR 9.01.01 - FIRE PROTECTION STANDARDS AND NEEDED FIRE FLOW REQUIREMENTS PER NFPA 1, CHAPTER 18.4.5.1 MIN. 1000 GPM (HOMES NOT EXCEEDING 5000 SF) AND 18.4.5.2 MIN. PER TABLE 18.4.5.2.1 HOMES EXCEEDING 5000 SF).
20. A 30' CLEAR SPACE SHALL BE MAINTAINED AROUND THE CONFORMANCE OF FIRE HYDRANTS.
21. NEWLY INSTALLED FIRE HYDRANTS WILL REQUIRE A FLOW TEST (PER APPLICABLE) AND SHALL BE WITNESSED BY LAKE COUNTY FIRE INSPECTOR PRIOR TO APPROVAL OF ANY BUILDING PERMITS.
22. PROPOSED MECHANICAL GATES WILL REQUIRE FIRE DEPT. ACCESS (LOCATIONS) TO BE PERMITTED SEPARATELY.



GOOSE CREEK
LAKE COUNTY, FL.

UTILITY
PLAN



DATE: 01-30-2024
DESIGNED BY: CDA
DRAWN BY: RLACH
CHECKED BY: BSB
JOB NO.: 040570.000
FILE NAME: 00051 CREEK PDP
Sheet C-301

CHARLES C. HOTT, PE
Registered Eng. 54413

Exhibit F

Description of Capacity

See attached from Order No. PSC-2017-0428-PAA-WS. The ground storage tank and aeration were recently destroyed by Hurricane Milton.

The new water/wastewater lines being installed within the two projects will have the capacity to serve:

Goose Creek – 145 Single Residential Homes

Harbor Shore – 99 Single Residential Homes

The water treatment plant upgrades include a new 126,000 gallon ground storage tank, a new cascade aeration tower, a new 200 Kw generator, a new high service pump skid consisting of three pumps, GST controls, and new control panels. For the wastewater treatment plant, the upgrades will be done in two Phases. Phase 1 will increase the existing treatment capacity from 15,000 gpd to 40,000 gpd. This consists of new aeration and digester tanks, splitter boxes, bar screens, RIBs, and lift station upgrades. Phase 2 will then increase the wwtp up to 70,000 gpd by adding a duplicate treatment plant to mirror the Phase 1 wwtp.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Application for staff-assisted rate case in
Lake County by Lakeside Waterworks, Inc.

DOCKET NO. 20160195-WS
ORDER NO. PSC-2017-0428-PAA-WS
ISSUED: November 7, 2017

The following Commissioners participated in the disposition of this matter:

JULIE I. BROWN, Chairman
ART GRAHAM
RONALD A. BRISÉ
DONALD J. POLMANN
GARY F. CLARK

NOTICE OF PROPOSED AGENCY ACTION
ORDER APPROVING RATE INCREASE FOR
LAKESIDE WATERWORKS, INC.
AND FINAL ORDER ON RECOVERY OF RATE CASE EXPENSES,
TEMPORARY RATES, AND ACCOUNTING ADJUSTMENTS

BY THE COMMISSION:

NOTICE is hereby given by the Florida Public Service Commission (Commission) that the actions discussed herein, except for (1) the granting or temporary rates in the event of protest, (2) the reduction of rates after four years based upon the recovery of rate case expense, and (3) proof of adjustment of books and records, are preliminary in nature and will become final unless a person whose interests are substantially affected files a petition for a formal proceeding, pursuant to Rule 25-22.029, Florida Administrative Code (F.A.C.). The granting of temporary rates in the event of protest, the reduction of rates after four years, and proof of adjustment of books and records are final agency actions and subject to reconsideration and appeal as described below under the heading, "NOTICE OF FURTHER PROCEEDINGS OR JUDICIAL REVIEW."

Case Background

Lakeside Waterworks Inc., (Lakeside or Utility) is a Class C utility providing service to approximately 185 (182 residential and 3 general service) water customers and 171 (170 residential and 1 general service) wastewater customers in Lake County. Approximately 74 customers subscribe to the Utility's irrigation service. The Utility was originally owned by Shangri-La by the Lakes, Inc. (Shangri-La) which started providing service to 140 customers in 1983. The Florida Public Service Commission (Commission) granted Shangri-La certificate numbers 567-W and 494-S in 1996. The Utility was transferred from Shangri-La to Lakeside in 2013.

2. Used and Useful

Lakeside's water system has two wells, one rated at 850 gallons per minute (gpm) and one at 270 gpm. Storage consists of a 20,000-gallon concrete ground storage tank with aeration, and two steel hydropneumatic tanks with capacities of 3,000 gallons and 5,000 gallons. A hypochlorination system is used for disinfection and water from the tanks is pumped into the water distribution system.

The distribution system is a composite network of approximately 2,820 linear feet of 10-inch PVC pipe, 2,828 linear feet of 8-inch PVC pipe, 3,450 linear feet of 6-inch PVC pipe, 1,700 linear feet of 4-inch PVC pipe, and 2,800 linear feet of 1.5-inch PVC pipe. According to the Utility, there are 11 fire hydrants in its service area.

The newly permitted WWTP is a 15,000 gpd extended aeration activated sludge facility. The chlorinated effluent is sent to a 3.2 acre restricted public access spray field with a backup percolation pond for wet weather conditions. The collection system is a composite network of force mains, collecting mains, and four lift stations. The force mains consist of approximately 3,211 linear feet of 4-inch PVC pipe and 2,324 linear feet of 3-inch PVC pipe. The collecting mains consist of approximately 9,768 linear feet of 4-inch PVC pipe and 4,277 linear feet of 3-inch PVC pipe. According to the Utility, there are 15 manholes.

A. Excessive Unaccounted for Water

Rule 25-30.4325 (1)(e) , F.A.C., defines EUW as unaccounted for water in excess of 10 percent of the amount produced. Unaccounted for water is all water that is produced that is not sold, metered, or accounted for in the records of the Utility. Rule 25-30.4325(10), F.A.C., provides that in order to determine whether adjustments to plant and operating expenses, such as purchased electrical power and chemicals cost, are necessary, we will consider all relevant factors as to the reason for EUW, solutions implemented to correct the problem, or whether a proposed solution is economically feasible. The unaccounted for water is calculated by subtracting both the gallons used for other purposes, such as flushing, and the gallons sold to customers from the total gallons pumped for the test year.

The Utility's Monthly Operating Reports (MORs) filed with the DEP indicate 9,367,465 gallons of finished water were produced during the test year of which 7,859,000 gallons of water were sold to customers. The MORs filed during the test year do not reflect any gallons used for other purposes. Lakeside has a flushing program but did not record the gallons used. However, in its application, the Utility identifies 560,962 gallons used for other purposes. The resulting calculation for unaccounted for water $((7,859,000 + 560,962) / (9,367,465))$ equals 10.1 percent, yielding an EUW of 0.1 percent. Therefore, no adjustment shall be made to operating expenses for chemicals and purchased power due to the EUW.

B. Water Treatment Plant Used & Useful

Pursuant to Rule 25-30.4325, F.A.C., the U&U calculations are defined for a water treatment system and storage facilities. For a water treatment plant with more than one well and

storage capacity, the U&U is calculated using the following equation: $([\text{Peak Demand} + \text{Fire Flow} + \text{Growth} - \text{Excessive Unaccounted for Water}]/\text{Firm Reliable Capacity})$. The peak demand is the single maximum day in the test year when there are no unusual occurrences and is measured in gallons per day. Based on Lakeside's MORs the Max Day usage during the test year was 100,000 gallons which occurred on May 20, 2016. This is a significant increase from 42,300 gallon peak day recorded in the 2013 SARC and it appears no new construction has occurred since the last SARC. Lakeside has a flushing program but did not specifically identify dates and gallons flushed. Therefore, we used the average monthly peak day from July 2015 through June 2016 as a reasonable peak based upon the data available. The average monthly peak day usage for the system was 55,525 gallons. This value is a better reflection of the peak day demand for the system.

In the 2013 SARC, the Utility served 187 Equivalent Residential Connections (ERCs); however, this declined to 185 ERCs for the current test year. The service area has approximately 24 lots available for development in the new Eagles Point subdivision – Phase I. As it appears that no new construction has occurred since the filing of the last rate case, we do not include an allowance for customer growth in the near future. Therefore, the growth ERC allowance is considered as zero.

Because the Utility has storage capacity, the Firm Reliable Capacity (FRC) is based on 16 hours of pumping, excluding the largest well. The Utility has two wells rated at 850 gpm and 270 gpm. The Utility's FRC is calculated by the smallest well capacity x 16 hours (270 gpm x 60 min/hr x 16 hrs) which equates to 259,200 gallons. However, this is greater than the permitted capacity of 180,000 gpd for the plant. Therefore, 180,000 gpd shall be considered the FRC for the system. Fire flow for the Utility's service area is 750 gpm for two hours, or 90,000 gpd. Based on the inputs discussed above, the resulting U&U calculation for the WTP $(55,525 + 90,000 + 0 - 0)/180,000$ equals 81 percent.

C. Storage Used & Useful

Pursuant to Rule 25-30.4325(8), F.A.C., for water systems with storage, if the storage capacity is less than the peak demand, the storage system shall be considered 100 percent U&U. Lakeside has a 20,000 gallon ground storage tank and two hydropneumatic tanks rated at 3,000 gallons and 5,000 gallons, respectively. Since the storage capacity (28,000 gallons) is less than the peak demand (55,525 gallons), the storage system shall be considered 100 percent U&U. The storage capacity was rated at 100 percent in the Utility's previous rate case before this Commission.

D. Wastewater Treatment Plant Used & Useful

Pursuant to Rule 25-30.432, F.A.C., the U&U analysis of a utility's WWTP is described by the following equation: $((\text{Customer Demand} - \text{I\&I} + \text{Growth})/\text{Permitted Capacity})$. In this calculation, customer demand is measured on the same basis as permitted capacity.

The Three Month Average Daily Flow (TMADF) from November 2015 through January 2016 was 13,725 gpd. As discussed in more detail below, the monthly Discharge Monitoring Reports (DMR) indicate no I&I. Also, as previously discussed, the expected growth is zero. The DEP permitted plant capacity, based on a TMADF, is 15,000 gpd. Based on the inputs described above the final calculation of U&U for Lakeside's WWTP is 92 percent ($(13,725 - 0 + 0) / 15,000$).

E. Inflow & Infiltration (I&I)

Infiltration occurs from groundwater entering a wastewater collection system through broken or defective pipes and joints. Inflow results from water entering a wastewater collection system through manholes or lift stations. The allowance for infiltration is 500 gallons per day, per inch diameter pipe per mile, and an additional 10 percent of water sold is allowed for inflow. The Utility's DMRs which were filed with the DEP indicate that there was no excessive I&I for the test year.

F. Water Distribution and Wastewater Collection Systems Used & Useful

In the previous rate case before this Commission, the U&U analysis for the water distribution and wastewater collection systems were determined by dividing the number of lots connected to the systems by the number of lots fronting mains in the service area. Consideration is given for growth, if applicable. The lines in the Utility's service territory appear to be built-out. Therefore, the water distribution and wastewater collection systems shall be considered 100 percent U&U. The water distribution and wastewater collection systems were rated at 100 percent in the Utility's previous rate case before the Commission.

G. Conclusion

Lakeside's WTP is considered 81 percent U&U, and the water storage facilities is considered 100 percent U&U. Lakeside's WWTP is considered 92 percent U&U. The Utility's water distribution and wastewater collection systems are considered 100 percent U&U. No adjustments shall be made to purchased power and chemical expenses since there appears to be no EUW and no indication of excessive I&I.

3. Rate Base

The appropriate components of the Utility's rate base include utility plant in service, contributions-in-aid-of-construction (CIAC), accumulated depreciation, amortization of CIAC, and working capital. Rate base was last established in Lakeside's 2013 SARC. The Utility requested the test year ended June 30, 2016, for the instant case. We determined that the Utility's books and records are in compliance with the National Association of Regulatory Utility Commissioners' Uniform System of Accounts (NARUC USOA). The OPC filed a Letter of Concern in this Docket on May 26, 2017. The Utility subsequently filed a response letter on June 6, 2017. We have made adjustments based on both letters. A summary of each component of rate base and the approved adjustments are discussed below.

Exhibit G

Copy of all current permits issued by DEP and WMD



FLORIDA DEPARTMENT OF Environmental Protection

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

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

In the Matter of an
Application for Permit by:

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

File Number FLA010521-008-DW3P
Lake County
Lakeside Waterworks WWTF

NOTICE OF PERMIT ISSUANCE

Enclosed is Permit Number FLA010521 to operate the Lakeside Waterworks WWTF, issued under Chapter 403, Florida Statutes.

Monitoring requirements under this permit are effective on August 1, 2021. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, 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 agency determination;

- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency'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 that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition 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, or via electronic correspondence at Agency_Clerk@FloridaDEP.gov. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the notice or within 14 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant Rule 62-110.106(10)(a), F.A.C.

The failure 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, F.S., or to intervene in this proceeding and participate as a party to it. 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, F.A.C. If you do not publish notice of this action, this waiver may not apply to persons who have not received a clear point-of-entry.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@FloridaDEP.gov, before the deadline

for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (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 must be filed within 30 days from the date this action is filed with the Clerk of the Department.

EXECUTION AND CLERKING

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Reggie Phillips
Interim Program Administrator
Permitting and Waste Cleanup Program

Attachment(s):

1. Permit No. FLA010521

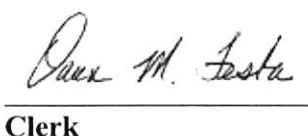
CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

Mohammed Kader, P.E., U.S. Water Services Corporation, mkader@uswatercorp.net
FDEP: Allison Chancy, Reggie Phillips, Dennise Judy, Manuel Cardona

FILING AND ACKNOWLEDGMENT

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


Clerk

February 25, 2021
Date



FLORIDA DEPARTMENT OF Environmental Protection

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

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
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
(727) 848-8292
gderemer@uswatercorp.net

PERMIT NUMBER: FLA010521
FILE NUMBER: FLA010521-008-DW3P
ISSUANCE DATE: February 25, 2021
EFFECTIVE DATE: June 27, 2021
EXPIRATION DATE: June 26, 2026

FACILITY:
Lakeside Waterworks WWTF
100 Shangri-La Boulevard
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 operate the facilities in accordance with the documents attached hereto and specifically described as follows:

WASTEWATER TREATMENT:

This is an existing 0.015 million gallon per day (MGD) three-month average daily flow (TMADF) permitted capacity extended aeration domestic wastewater treatment plant consisting of aeration, secondary clarification, chlorination, and aerobic digestion of biosolids. When operated in the step aeration mode, the treatment plant has a design capacity of 0.050 MGD.

REUSE OR DISPOSAL:

Land Application R-001: R-001 is an existing 0.050 MGD design capacity annual average daily slow-rate restricted public access system flow limited to 0.015 MGD permitted capacity. 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.

Land Application R-002: R-002 is an existing 0.013 MGD three-month 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.

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 17 of this permit.

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I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

- 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	Max. /Min	Reclaimed Water Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow	MGD	Max Max	0.015 Report	Annual Average Monthly Average	3 Days/Week	Elapsed Time Measurement on Pump (Pump Log)	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 Max	200 200 400 800	Annual Average Monthly Geometric Mean 90th Percentile Single Sample	Monthly	Grab	EFA-1	See I.A.4 and I.A.5
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	3 Days/Week	Grab	EFA-1	
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	3 Days/Week	Grab	EFA-1	See I.A.6
Nitrogen, Total	mg/L	Max	Report	Single Sample	Quarterly	Grab	EFA-1	See I.A.7
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	Quarterly	Grab	EFA-1	

- 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

- An elapsed time measurement on pump (pump log) shall be utilized to measure flow and calibrated at least once every 12 months. [62-600.200(25)]
- 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. All other fecal coliform effluent limitations included in permit condition I.A.1 apply regardless of the number of values reported. [62-600.440(5)(b)]
- To report the "90th percentile,"

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- a. Place the bacteria results in ascending order (from lowest to highest value) and assign each sample a number, 1 for the lowest value.
- b. Multiply the total number of samples by 0.9 to determine the 90th percentile level.
- c. Report the value of the sample that corresponds to the 90th percentile level (e.g., 10 samples x 0.9 = 9, report the value of the 9th sample). If the 90th percentile level is not a whole number, rounding or interpolation should be used to determine the 90th percentile. When rounding, round down to the nearest whole number if the decimal is 0.4 or lower and round up to the nearest whole number if the decimal is 0.5 or higher (e.g., 12 samples x 0.9 = 10.8, report the value of the 11th sample if rounding).

[62-600.440(5)(a)3]

6. Total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-610.410] [62-600.440(5)(c) and (6)(b)]
7. 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)]
8. 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	Reclaimed Water Limitations			Monitoring Requirements			Notes
		Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow (RIB)	MGD	Max Max Max	0.013 Report	3-Month Rolling Average Annual Average Monthly Average	3 Days/Week	Calculated	FLW-2	
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 Max	200 200 400 800	Annual Average Monthly Geometric Mean 90th Percentile Single Sample	Monthly	Grab	EFA-1	See I.A.10 and I.A.11
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	3 Days/Week	Grab	EFA-1	
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	3 Days/Week	Grab	EFA-1	See I.A.12
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	Quarterly	Grab	EFA-1	

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9. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I.A.8. 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

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. All other fecal coliform effluent limitations included in permit condition I.A.8 apply regardless of the number of values reported. [62-600.440(5)(b)]

11. To report the "90th percentile,"

- Place the bacteria results in ascending order (from lowest to highest value) and assign each sample a number, 1 for the lowest value.
- Multiply the total number of samples by 0.9 to determine the 90th percentile level.
- Report the value of the sample that corresponds to the 90th percentile level (e.g., 10 samples \times 0.9 = 9, report the value of the 9th sample). If the 90th percentile level is not a whole number, rounding or interpolation should be used to determine the 90th percentile. When rounding, round down to the nearest whole number if the decimal is 0.4 or lower and round up to the nearest whole number if the decimal is 0.5 or higher (e.g., 12 samples \times 0.9 = 10.8, report the value of the 11th sample if rounding).

[62-600.440(5)(a)3]

12. 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(5)(c) and (6)(b)]

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 Max	0.015 Report Report	3-Month Rolling Average Annual Average Monthly Average	3 Days/Week	Meter	FLW-3	See I.B.4
Percent Capacity, (TMADF/Permitted Capacity) \times 100	percent	Max	Report	Monthly Average	Monthly	Calculated	FLW-3	
BOD, Carbonaceous 5 day, 20C (Influent)	mg/L	Max	Report	Single Sample	Monthly	Grab	INF-1	See I.B.3
Solids, Total Suspended (Influent)	mg/L	Max	Report	Single Sample	Monthly	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 meter 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 (November 10, 2020)" is available at <https://floridadep.gov/dear/quality-assurance/content/quality-assurance-resources>. 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 on August 1, 2021. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements.** 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	Submit by
Monthly	first day of month - last day of month	28 th day of following month
Once Every Two Months	January 1 - February 28/29 March 1 - April 30 May 1 - June 30 July 1 - August 31 September 1 - October 31 November 1 - December 31	March 28 May 28 July 28 September 28 November 28 January 28
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 electronic DMR forms, the permittee shall use the electronic DMR system approved by the Department (EzDMR) and shall electronically submit the completed DMR forms using the DEP Business Portal at <https://www.fldepportal.com/go/>. Reports shall be submitted 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.

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.

[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@FloridaDEP.gov.

Florida Department of Environmental Protection
Central District
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]

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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)]
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.

			Biosolids Limitation		Monitoring Requirements			
Parameter	Units	Max. /Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
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

1. 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)]

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C. Transfer

1. 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)]*
2. 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

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

1. 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 a sprayfield with a total wetted area of 3.2 acres shall be limited to 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]*

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6. Irrigation of edible food crops is prohibited unless the requirements of Part III of Chapter 62-610, F.A.C., are met. [62-610.100(9)(c), 62-610.460, and 62-610.475]
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

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 rapid infiltration basin for wet weather conditions with a total wetted area of 0.080 acres shall be limited to 6 inches per day (as applied to the entire bottom area). [62-610.523(3)]
3. The rapid infiltration basin for wet weather conditions with a total wetted area of 0.080 acres normally shall be loaded for 7 days and shall be rested for 7 days. 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)]
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. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of one or more 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)]

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C. Recordkeeping Requirements

1. The permittee shall maintain the following records and make them available for inspection at the following address: 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 this 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 this 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;
 - e. A copy of the current wastewater facility permit;
 - f. Copies of the current operation and maintenance manuals for the wastewater facility and the collection/transmission systems owned or operated by the wastewater facility permittee as required by Chapters 62-600 and 62-604, F.A.C.;
 - g. A copy of any required record drawings for the wastewater facility and the collection/transmission systems owned or operated by the wastewater facility permittee;
 - 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, 62-604.500, 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. Repair the corroded influent pipe strap at the bar screen.	07/01/2021

[62-620.320(6)]

2. 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)]

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

PERMIT NUMBER: FLA010521
EXPIRATION DATE: June 26, 2026

VII. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

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

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 wastewater facilities or equipment, including collection/transmission systems, no longer function as intended, are no longer safe in terms of public health and safety (including inactive or abandoned facilities), or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by paragraphs 62-600.400(2)(a) and 62-604.400(2)(c), 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 subsection 62-296.320(2), F.A.C. *[62-600.410(5), 62-604.500(3) and 62-640.400(6)]*
3. All collection/transmission systems shall be operated and maintained so as to provide uninterrupted service. *[62-604.500(2)]*
4. 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(4)]*
5. Cross-connection, as defined in Rule 62-550.200, F.A.C., between the wastewater facility, including the collection/transmission system, and a potable water system is prohibited. *[62-550.360] [62-604.130(3)]*
6. The collection/transmission operation and maintenance manual shall be maintained and revised periodically in accordance with subsection 62-604.500(4), F.A.C., to reflect any alterations performed or to reflect experience resulting from operation. However, a new operation and maintenance manual is not required to be developed for each project if there is already an existing manual that is applicable to the facilities being constructed. *[62-604.500(4)]*
7. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550] [62-620.610(20)]*
8. 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)]

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9. 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); 62-610.518(1); and 62-600.400(2)(b)]*
10. 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)]*
11. 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)]*
12. 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)]*
13. The permittee shall provide notice to the Department of the following:
 - 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. If pretreatment becomes necessary, this permit may be modified to require the permittee to develop and implement a local pretreatment program in accordance with the requirements of Chapter 62-625, F.A.C.

[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)]*

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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:
 - 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)]*

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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
 - 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, 62-600, 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)]

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20. The permittee shall report to the Department 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. For noncompliance events related to sanitary sewer overflows or bypass events, these reports must include the data described above (with the exception of time of discovery) as well as the type of event (sanitary sewer overflows or bypass events), type of sewer overflow (e.g., manhole), discharge volumes by the treatment works treating domestic sewage, types of human health and environmental impacts of the sewer overflow event, and whether the noncompliance was related to wet weather. The written submission may be provided electronically using the Department's Business Portal at <http://www.fldepportal.com/go/> (via "Submit" followed by "Report" or "Registration/Notification"). Notice required under paragraph (d) may be provided together with the written submission using the Business Portal. All noncompliance events related to sanitary sewer overflows or bypass events submitted after December 21, 2020 shall be submitted electronically.

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 the 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 Department by calling 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;
- 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 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 shall waive the written report.

d. In accordance with Section 403.077, F.S., unauthorized releases or spills reportable to the StateWatch

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Office pursuant to subparagraph (b)1. above shall also be reported to the Department within 24 hours from the time the permittee becomes aware of the discharge. The permittee shall provide to the Department information reported to the State Watch Office. Notice of unauthorized releases or spills may be provided to the Department through the Department's Public Notice of Pollution web page at <https://floridadep.gov/pollutionnotice>.

1. If, after providing notice pursuant to paragraph (d) above, the permittee determines that a reportable unauthorized release or spill did not occur or that an amendment to the notice is warranted, the permittee may submit additional notice to the Department documenting such determination.
2. If, after providing notice pursuant to paragraph (d) above, the permittee discovers that a reportable unauthorized release or spill has migrated outside the property boundaries of the installation, the permittee must provide an additional notice to the Department that the release has migrated outside the property boundaries within 24 hours after its discovery of the migration outside of the property boundaries.

[62-620.610(20)] [62-620.100(3)] [403.077, F.S.]

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.

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- (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.
 - (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



Reggie Phillips
Interim Program Administrator
Permitting and Waste Cleanup Program

Attachment(s):
Discharge Monitoring Report
Statement of Basis

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit 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

PERMIT NUMBER: FLA010521-008-DW3P

Effective Date of DMR: August 1, 2021

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

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

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
Flow	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-1	Permit Requirement		0.015 (An.Avg.)	MGD						3 Days/Week	Elapsed Time Measurement on Pump
Flow	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-1	Permit Requirement		Report (Mo.Avg.)	MGD						3 Days/Week	Elapsed Time Measurement on Pump
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):

ISSUANCE/REISSUANCE DATE: February 25, 2021

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Lakeside Waterworks WWTF

MONITORING GROUP
NUMBER:
MONITORING PERIOD

R-001

PERMIT NUMBER: FLA010521-008-DW3P

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				800 (Max.)	400 (90th %)	200 (Mo.Geo.Mn.)	#/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.		3 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		3 Days/Week	Grab
Flow (Total flow thru plant)	Sample Measurement										
PARM Code 50050 P Mon. Site No. FLW-3	Permit Requirement		Report (An.Avg.)	MGD						3 Days/Week	Meter
Flow (Total flow thru plant)	Sample Measurement										
PARM Code 50050 Q Mon. Site No. FLW-3	Permit Requirement	0.015 (3Mo.Avg.)	Report (Mo.Avg.)	MGD						3 Days/Week	Meter
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
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement										
PARM Code 80082 G Mon. Site No. INF-1	Permit Requirement						Report (Max.)	mg/L		Monthly	Grab
Solids, Total Suspended (Influent)	Sample Measurement										
PARM Code 00530 G Mon. Site No. INF-1	Permit Requirement						Report (Max.)	mg/L		Monthly	Grab

ISSUANCE/REISSUANCE DATE: February 25, 2021

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME:	Lakeside Waterworks, Inc.	PERMIT NUMBER:	FLA010521-008-DW3P	Effective Date of DMR:	August 1, 2021
MAILING ADDRESS:	4939 Cross Bayou Blvd. New Port Richey, Florida 34652	LIMIT:	Final	REPORT FREQUENCY:	Quarterly
FACILITY:	Lakeside Waterworks WWTF	CLASS SIZE:	N/A	PROGRAM:	Domestic
LOCATION:	100 Shangri-La Boulevard 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
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):

ISSUANCE/REISSUANCE DATE: February 25, 2021

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit 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

PERMIT NUMBER: FLA010521-008-DW3P

Effective Date of DMR: August 1, 2021

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

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
Flow (RIB)	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-2	Permit Requirement		Report (An.Avg.)	MGD						3 Days/Week	Calculated
Flow (RIB)	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-2	Permit Requirement	0.013 (3Mo.Avg.)	Report (Mo.Avg.)	MGD						3 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):

ISSUANCE/REISSUANCE DATE: February 25, 2021

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Lakeside Waterworks WWTF

MONITORING GROUP
NUMBER:
MONITORING PERIOD

R-002

PERMIT NUMBER: FLA010521-008-DW3P

From: _____ To: _____

[illegible]

ISSUANCE/REISSUANCE DATE: February 25, 2021

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Lakeside Waterworks, Inc.	PERMIT NUMBER: FLA010521-008-DW3P	Effective Date of DMR: August 1, 2021
MAILING ADDRESS: 4939 Cross Bayou Blvd. New Port Richey, Florida 34652	LIMIT: Final	REPORT FREQUENCY: Quarterly
FACILITY: Lakeside Waterworks WWTF	CLASS SIZE: N/A	PROGRAM: Domestic
LOCATION: 100 Shangri-La Boulevard Leesburg, FL 34788	MONITORING GROUP NUMBER: R-002	
	MONITORING GROUP DESCRIPTION: rapid infiltration basin	
	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
Nitrogen, Nitrate, Total (as N)	Sample Measurement							
PARM Code 00620 A Mon. Site No. EFA-1	Permit Requirement			12.0 (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):

ISSUANCE/REISSUANCE DATE: February 25, 2021

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit 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

PERMIT NUMBER: FLA010521-008-DW3P

Effective Date of DMR: August 1, 2021

FACILITY: Lakeside Waterworks WWTF
LOCATION: 100 Shangri-La Boulevard
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):

ISSUANCE/REISSUANCE DATE: February 25, 2021

DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

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

DAILY SAMPLE RESULTS - PART B

Permit Number:
Monitoring Period

FLA010521-008-DW3P
From: _____

To: _____

Facility: Lakeside Waterworks WWTF

	BOD, Carbonaceous 5 day, 20C mg/L	BOD, Carbonaceous 5 day, 20C (Influent) mg/L	Chlorine, Total Residual (For Disinfection) mg/L	Coliform, Fecal #/100mL	Flow MGD	Flow (Calculated based on FLW-1 and FLW-3) MGD	Flow (Total flow thru plant) MGD	Solids, Total Suspended mg/L	Solids, Total Suspended (Influent) mg/L	pH s.u
Code	80082	80082	50060	74055	50050	50050	50050	00530	00530	00400
Mon. Site	EFA-1	INF-1	EFA-1	EFA-1	FLW-1	FLW-2	FLW-3	EFA-1	INF-1	EFA-1
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.

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.

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

PERMIT NUMBER: FLA010521-008

FACILITY NAME: Lakeside Waterworks WWTF

FACILITY LOCATION: 100 Shangri-La Boulevard, Leesburg, FL 34788
Lake County

NAME OF PERMITTEE: Lakeside Waterworks, Inc.

PERMIT WRITER: Allison Chancy

I. SUMMARY OF APPLICATION

a. Chronology of Application

Application Number: FLA010521-008-DW3P

Application Submittal Date: December 22, 2020

b. Type of Facility

Domestic Wastewater Treatment Plant

Ownership Type: Private

SIC Code: 4952

c. Facility Capacity

Existing Permitted Capacity: 0.015 MGD Three Month Average Daily Flow

Proposed Increase in Permitted Capacity: 0 MGD Three Month Average Daily Flow

Proposed Total Permitted Capacity: 0.015 MGD Three Month Average Daily Flow

d. Description of Wastewater Treatment

This is an existing 0.015 million gallon per day (MGD) three-month average daily flow (TMADF) permitted capacity extended aeration domestic wastewater treatment plant consisting of aeration, secondary clarification, chlorination, and aerobic digestion of biosolids. When operated in the step aeration mode, the treatment plant has a design capacity of 0.050 MGD.

e. Description of Effluent Disposal and Land Application Sites (as reported by applicant)

Land Application R-001: R-001 is an existing 0.050 MGD design capacity annual average daily slow-rate restricted public access system flow limited to 0.015 MGD permitted capacity. 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.

Land Application R-002: R-002 is an existing 0.013 MGD three-month 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	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
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	Annual Average	62-62-600.440(5)(a)1 FAC
		Max	200	Monthly Geometric Mean	62-62-600.440(5)(a)2 FAC
		Max	400	90th Percentile	62-62-600.440(5)(a)3 FAC
		Max	800	Single Sample	62-62-600.440(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 (RIB)	MGD	Max	Report	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	0.013	3-Month Rolling Average	62-600.700(2) & 610.810(5) FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	20.0	Annual Average	62-610.510 & 62-600.420(3)(a)1. FAC
		Max	30.0	Monthly Average	62-610.510 & 62-600.420(3)(a)2. FAC
		Max	45.0	Weekly Average	62-610.510 & 62-600.420(3)(a)3. FAC
		Max	60.0	Single Sample	62-610.510 & 62-600.420(3)(a)4. FAC
Solids, Total Suspended	mg/L	Max	20.0	Annual Average	62-610.510 & 62-600.420(3)(b)1. FAC
		Max	30.0	Monthly Average	62-610.510 & 62-600.420(3)(b)2. FAC
		Max	45.0	Weekly Average	62-610.510 & 62-600.420(3)(b)3. FAC
		Max	60.0	Single Sample	62-610.510 & 62-600.420(3)(b)4. FAC
Coliform, Fecal	#/100mL	Max	200	Annual Average	62-610.510 & 62-600.440(5)(a)1. FAC
		Max	200	Monthly Geometric Mean	62-610.510 & 62-600.440(5)(a)2. FAC
		Max	400	90th Percentile	62-610.510 & 62-600.440(5)(a)3. FAC
		Max	800	Single Sample	62-610.510 & 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	62-610.510 & 62-600.440(5)(c) 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	Report	Annual Average	62-600.700(2) FAC
		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

4. IMPAIRMENT STATUS OF RECEIVING WATERS

This facility does not discharge to surface waters. However, the R-001 and R-002 land application system is located in a nutrient-impaired basin (Ocklawaha Basin). When effluent is land applied it infiltrates into groundwater and has the potential to deliver nutrient loads to the aquifer and hydrologically connected surface waters. Monitoring for total nitrogen and total phosphorus is included for the land application system in order to provide reasonable assurance that the discharge to ground waters will not cause or contribute to the nutrient impairment in the basin.

5. DISCUSSION OF CHANGES TO PERMIT LIMITATIONS

The current wastewater permit for this facility FLA010521-008-DW3P expires on June 26, 2026. FLA010521-007 is set to expire on June 26, 2021. The current permit, FLA010521-008, will expire on June 26, 2026.

6. 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

7. GROUND WATER MONITORING REQUIREMENTS

This section is not applicable to this facility.

8. PERMIT SCHEDULES

Repair the corroded influent pipe strap at the bar screen by July 1, 2021 and submit documentation of the repair to the Department.

9. 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.

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

This permit is not accompanied by any Administrative or Consent Orders.

11. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

12. 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 14. Copies will be provided at a minimal charge per page.

13. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Notice of Permit Issuance

February 25, 2021

14. DEP CONTACT

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

Allison Chancy
ES III
Central District Office

3319 Maguire Blvd, Suite 232
Orlando, FL 32803-3767

Telephone No.: (407) 897-2968



FLORIDA DEPARTMENT OF Environmental Protection

Central District Office
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Sent via email: gderemer@uswatercorp.net

NOTICE OF PERMIT

In the Matter of an
Application for Permit by:
Florida Community Water Systems, INC.
4939 Cross Bayou Blvd.
New Port Richey, Florida 34652

Lake County - DW
Lakeside Waterworks WWTF
Wastewater Permit Application
DEP File Number: FLA010521-009-DW3P

ATTENTION Gary Deremer
President

Enclosed is Permit Number FLA010521 to modify a domestic wastewater facility issued under Sections 403.087 and 403.0885 of the Florida Statutes.

Judicial Review

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68, F.S. by the filing of a notice of appeal under Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department of Environmental Protection 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 must be filed within 30 days after this order is filed with the Clerk of the Department.

Executed in Orlando, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

A handwritten signature in dark ink, appearing to read "Reggie Phillips".

On behalf of:

Reggie Phillips
Program Administrator
Permitting and Waste Cleanup Program

Enclosures: Permit, DMR and SOB

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

FDEP: Charles LeGros, Allison Chancy, David Smicherko

Mo Kader, P.E., U.S. Water Services Corporation, mkader@uswatercorp.net

Keith Keegan, US Water Services, kkeegan@uswatercorp.net

FILING AND ACKNOWLEDGMENT

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

Caitlin Hawley

Clerk

July 13, 2023

Date



FLORIDA DEPARTMENT OF Environmental Protection

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

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

STATE OF FLORIDA DOMESTIC WASTEWATER FACILITY PERMIT

PERMITTEE:

Florida Community Water Systems, INC.

RESPONSIBLE OFFICIAL:

Gary Deremer, President
4939 Cross Bayou Blvd.
New Port Richey, Florida 34652
(727) 848-8292
gderemer@uswatercorp.net

PERMIT NUMBER: FLA010521

FILE NUMBER: FLA010521-009-DW3P

REISSUANCE DATE: July 13, 2023

EXPIRATION DATE: June 26, 2026

FACILITY:

Lakeside Waterworks WWTF
100 Shangri-La Boulevard
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 operate the facilities in accordance with the documents attached hereto and specifically described as follows:

WASTEWATER TREATMENT:

This is an existing 0.015 million gallon per day (MGD) three-month average daily flow (TMADF) permitted capacity extended aeration domestic wastewater treatment plant consisting of aeration, secondary clarification, chlorination, and aerobic digestion of biosolids. When operated in the step aeration mode, the treatment plant has a design capacity of 0.050 MGD.

This permit revision authorizes construction to rerate the facility to 0.40 MGD annual average daily flow. This rerating will include the addition of (2) new 10,000 gallon aeration tanks and (1) new 10,000 gallon digester tank, conversion of existing digester tank into an aeration tank, two additional blowers, two barscreens, 2 effluent pumps, associated piping and an addition of an emergency generator.

REUSE OR DISPOSAL:

Land Application R-001: An existing 0.050 MGD annual average daily flow design capacity slow-rate restricted public access (except subsurface) system. R-001 is a reuse system which consists of a sprayfield with a total wetted area of 3.2 acres having a previously limited capacity of 0.015 MGD and will now be limited to a permitted capacity of 0.40 MGD AADF (based on plant capacity) located approximately at latitude 28°51' 33" N, longitude 81°45' 18" W.

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 having a capacity of 0.013 MGD 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 20 of this permit.

PERMITTEE: Florida Community Water Systems, INC.
FACILITY: Lakeside Waterworks WWTF

PERMIT NUMBER: FLA010521
EXPIRATION DATE: June 26, 2026

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Reuse and Land Application Systems

- Interim** - During the period beginning on the issuance date and lasting until certification of completion of construction of the expansion, 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	Max. /Min	Reclaimed Water Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow (to sprayfield)	MGD	Max Max	0.015 Report	Annual Average Monthly Average	3 Days/Week	Elapsed Time Measurement on Pump (Pump Log)	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 Max	200 400 800 Report	Annual Average 90th Percentile Single Sample Monthly Geometric Mean	Monthly	Grab	EFA-1	See I.A.4 and I.A.5
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	3 Days/Week	Grab	EFA-1	
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	3 Days/Week	Grab	EFA-1	See I.A.6
Nitrogen, Total	mg/L	Max	Report	Single Sample	Quarterly	Grab	EFA-1	See I.A.7
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	Quarterly	Grab	EFA-1	

Final - During the period beginning on the certification of completion of expansion 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	Max. /Min	Reclaimed Water Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
Flow (to sprayfield)	MGD	Max Max	0.040 Report	Annual Average Monthly Average	5 Days/Week	Elapsed Time Measurement on Pump (Pump Log)	FLW-1	See I.A.3

PERMITTEE: Florida Community Water Systems, INC.
FACILITY: Lakeside Waterworks WWTF

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EXPIRATION DATE: June 26, 2026

Parameter	Units	Max. /Min	Reclaimed Water Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
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 Max	200 400 800 Report	Annual Average 90th Percentile Single Sample Monthly Geometric Mean	Monthly	Grab	EFA-1	See I.A.4 and I.A.5
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.6
Nitrogen, Total	mg/L	Max	Report	Single Sample	Quarterly	Grab	EFA-1	See I.A.7
Phosphorus, Total (as P)	mg/L	Max	Report	Single Sample	Quarterly	Grab	EFA-1	

*a minimum chlorine residual of 0.5 mg/L must be achieved at each chlorine contact chamber if operating both units

- 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

- An elapsed time measurement on pump (pump log) shall be utilized to measure flow and calibrated at least once every 12 months. [62-600.200(25)]
- 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. All other fecal coliform effluent limitations included in permit condition I.A.1 apply regardless of the number of values reported. [62-600.440(5)(b)]
- To report the "90th percentile,"
 - Place the bacteria results in ascending order (from lowest to highest value) and assign each sample a number, 1 for the lowest value.
 - Multiply the total number of samples by 0.9 to determine the 90th percentile level.
 - Report the value of the sample that corresponds to the 90th percentile level (e.g., 10 samples x 0.9 = 9, report the value of the 9th sample). If the 90th percentile level is not a whole number, rounding or interpolation should be used to determine the 90th percentile. When rounding, round down to the nearest whole number if the decimal is 0.4 or lower, and round up to the nearest whole number if the decimal is 0.5 or higher (e.g., 12 samples x 0.9 = 10.8, report the value of the 11th sample if rounding).

[62-600.440(5)(a)3]

PERMITTEE: Florida Community Water Systems, INC.
FACILITY: Lakeside Waterworks WWTF

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6. Total residual chlorine must be maintained for a minimum contact time of 15 minutes based on peak hourly flow. [62-610.410][62-600.440(5)(c) and (6)(b)]
7. 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)]
8. **Interim** - During the period beginning on the issuance date and lasting until certification of completion of construction of the expansion, 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 Analysis	Sample Type	Monitoring Site Number	
Flow (RIB)	MGD	Max Max Max	0.013 Report Report	3-Month Rolling Average Annual Average Monthly Average	3 Days/Week	Calculated	FLW-2	
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 Max	200 400 800 Report	Annual Average 90th Percentile Single Sample Monthly Geometric Mean	Monthly	Grab	EFA-1	See I.A.10 and I.A.11
pH	s.u.	Min Max	6.0 8.5	Single Sample Single Sample	3 Days/Week	Grab	EFA-1	
Chlorine, Total Residual (For Disinfection)	mg/L	Min	0.5	Single Sample	3 Days/Week	Grab	EFA-1	See I.A.12
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	Quarterly	Grab	EFA-1	

Final - During the period beginning on the certification of completion of expansion 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 Analysis	Sample Type	Monitoring Site Number	
Flow (RIB)	MGD	Max Max Max	0.013 Report Report	3-Month Rolling Average Annual Average Monthly Average	5 Days/Week	Calculated	FLW-2	
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	

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Parameter	Units	Max. /Min	Reclaimed Water Limitations		Monitoring Requirements			Notes
			Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	
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 Max	200 400 800 Report	Annual Average 90th Percentile Single Sample Monthly Geometric Mean	Monthly	Grab	EFA-1	See I.A.10 and I.A.11
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.12
Nitrogen, Nitrate, Total (as N)	mg/L	Max	12.0	Single Sample	Quarterly	Grab	EFA-1	

*a minimum chlorine residual of 0.5 mg/L must be achieved at each chlorine contact chamber if operating both units

9. Reclaimed water samples shall be taken at the monitoring site locations listed in Permit Condition I.A.8. 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

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. All other fecal coliform effluent limitations included in permit condition I.A.8 apply regardless of the number of values reported. [62-600.440(5)(b)]

11. To report the "90th percentile,"

- Place the bacteria results in ascending order (from lowest to highest value) and assign each sample a number, 1 for the lowest value.
- Multiply the total number of samples by 0.9 to determine the 90th percentile level.
- Report the value of the sample that corresponds to the 90th percentile level (e.g., 10 samples x 0.9 = 9, report the value of the 9th sample). If the 90th percentile level is not a whole number, rounding or interpolation should be used to determine the 90th percentile. When rounding, round down to the nearest whole number if the decimal is 0.4 or lower, and round up to the nearest whole number if the decimal is 0.5 or higher (e.g., 12 samples x 0.9 = 10.8, report the value of the 11th sample if rounding).

[62-600.440(5)(a)3]

12. 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(5)(c) and (6)(b)]

B. Other Limitations and Monitoring and Reporting Requirements

- Interim** - During the period beginning on the issuance date and lasting until certification of completion of construction of the expansion, the treatment facility shall be limited and monitored by the permittee as specified below and reported in accordance with condition I.B.7.:

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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 Max	0.015 Report Report	3-Month Rolling Average Annual Average Monthly Average	3 Days/Week	Meter	FLW-3	See I.B.4
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	Monthly	Calculated	FLW-3	
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

Final - During the period beginning on the certification of completion of expansion 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 Max	0.040 Report Report	Annual Average 3-Month Rolling Average Monthly Average	5 Days/Week	Meter	FLW-3	See I.B.4
Percent Capacity, (TMADF/Permitted Capacity) x 100	percent	Max	Report	Monthly Average	Monthly	Calculated	FLW-3	
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

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 meter 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 (November 10, 2020)" is available at <https://floridadep.gov/dear/quality-assurance/content/quality-assurance-resources>. 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

PERMITTEE: Florida Community Water Systems, INC.
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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:

- a. 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;
- b. 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
- c. 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 on the first day of the second month following the effective date of the permit. 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.

REPORT Type on DMR	Monitoring Period	Submit by
Monthly	first day of month - last day of month	28 th day of following month
Once Every Two Months	January 1 - February 28/29 March 1 - April 30 May 1 - June 30 July 1 - August 31 September 1 - October 31 November 1 - December 31	March 28 May 28 July 28 September 28 November 28 January 28
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 electronic DMR forms, the permittee shall use the electronic DMR system approved by the Department (EzDMR) and shall electronically submit the completed DMR forms using the DEP Business Portal at <https://www.fldepportal.com/go/>. Reports shall be submitted 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.

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PERMIT NUMBER: FLA010521
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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.9. by the twenty-eighth (28th) of the month following the month of operation.

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

8. The permittee of a publicly owned facility shall submit an annual report regarding transactions or allocations of costs and expenditures on pollution mitigation among the utility's permitted wastewater systems, including the prevention of sanitary sewer overflows, collection and transmission system pipe leakages, and inflow and infiltration. This report may be combined with the annual report for the permittee's collection system action plan once Rule 62-600.705, F.A.C., becomes effective. The report shall be electronically submitted to the district office no later than June 30 of each calendar year. *[62-600.700(4)]*
9. 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@FloridaDEP.gov.

Florida Department of Environmental Protection
Central District
3319 Maguire Blvd
Suite 232
Orlando, Florida 32803-3767

Phone Number - (407) 897-4100

[62-620.305]

10. 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 Aable 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)]*
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.

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Parameter	Units	Max. /Min	Biosolids Limitation		Monitoring Requirements			Notes
			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

1. 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

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

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

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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

1. 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 limited to 3.22 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, unless all requirements of Part III of Chapter 62-610, F.A.C., are met. *[62-610.475]*
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)]*
8. A 500-foot setback distance shall be provided from the edge of the wetted area to potable water supply wells (applicable to wells that are existing or have been approved by the Department or the Department of Health; Class I surface waters; or Class II surface waters. This distance shall be reduced to 200 feet if facility Class I reliability is provided in accordance with subsection 62-610.462(1), F.A.C. This distance shall be reduced to 100 feet if facility Class I reliability is provided in accordance with subsection 62-610.462(1), F.A.C., and if high-level disinfection is provided.) *[62-610.421(3), 62-610.432(1), 62-610.462(1)]*
9. No cross-connections to potable water systems shall be allowed. The permittee shall submit documentation of Department acceptance for a cross-connection control and inspection program pursuant to Rule 62-555.360, F.A.C., for all public water supply systems located within the area to be served by reclaimed water. *[62-610.469(7)(a)]*

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B. Part IV Rapid Infiltration Basins

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 rapid infiltration basin shall be limited to 6 inches per day (as applied to the entire bottom area). [62-610.523(3)]
3. The rapid infiltration basin normally shall be loaded for 7 days and shall be rested for 7 days. 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)]
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)]
7. Holding ponds are provided for reclaimed water storage, such ponds are subject to the requirements of Rule 62-610.414, F.A.C. [62-610.514(2)]
8. If subsurface drain systems are needed, they shall be designed in accordance with appropriate portions of paragraph 62-610.300(1)(c), F.A.C., concerning Natural Resources Conservation Services criteria for subsurface drains. The drainage system shall be designed so that the seasonal high-water table is drawn down to a minimum of 36 inches below pond bottoms during resting periods. The requirements of subsection 62-610.850(1), F.A.C., shall apply to discharges to surface waters from the drainage system. [62-610.517(2)(a)]
9. A setback distance of 500 feet shall be provided from the edge of the rapid infiltration basin, percolation pond, basin, or trench embankments, or from the edge of an absorption field to potable water supply wells that are existing or have been approved by the Department or by the Department of Health (but not yet constructed); Class I surface waters; or Class II surface waters. The setback distance to Class I and II surface waters shall be reduced to 100 feet if high-level disinfection is provided. Setback distance requirements apply to all Class II waters, regardless of Department classification. [62-610.521(2)]

V. OPERATION AND MAINTENANCE REQUIREMENTS

A. Staffing Requirements

1. **Interim** - During the period beginning on the issuance date and lasting until certification of completion of construction of the expansion, the wastewater facilities shall be operated under the supervision of one or more 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.

Final - During the period beginning on the certification of completion of expansion date and lasting through the expiration date of this permit, the wastewater facilities shall be operated under the supervision of one or more 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 C** facility and, at a minimum, operators with appropriate certification must be on the site as follows:

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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.

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 at the following address: 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 this 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 this 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;
 - e. A copy of the current wastewater facility permit;
 - f. Copies of the current operation and maintenance manuals for the wastewater facility and the collection/transmission systems owned or operated by the wastewater facility permittee as required by Chapters 62-600 and 62-604, F.A.C.;
 - g. A copy of any required record drawings for the wastewater facility and the collection/transmission systems owned or operated by the wastewater facility permittee;
 - 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, 62-604.500, 62-602.650, 62-640.650(4)]

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VI. SCHEDULES

1. 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)]
2. 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)]
3. 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]

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 wastewater facilities or equipment, including collection/transmission systems, no longer function as intended, are no longer safe in terms of public health and safety (including inactive or abandoned facilities), or odor, noise, aerosol drift, or lighting adversely affects neighboring developed areas at the levels prohibited by paragraphs 62-600.400(2)(a) and 62-604.400(2)(c), 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 subsection 62-296.320(2), F.A.C. [62-600.410(5), 62-604.500(3) and 62-640.400(6)]
3. All collection/transmission systems shall be operated and maintained to provide uninterrupted service. All pump stations shall be operated and maintained to provide the emergency pumping capability requirements in paragraph 62-604.400(2)(a), F.A.C., the lightning and transient voltage surge protections in paragraph 62-604.400(2)(b), F.A.C., and the design and signage requirements in paragraph 62-604.400(2)(d), F.A.C. Also, all equipment, pipes, manholes, pump stations, and other appurtenances necessary for the collection/transmission of domestic wastewater, including equipment provided pursuant to subsection 62-604.400(2), F.A.C., shall be maintained to function as intended. [62-604.500(2) and (3)]
4. The permittee shall evaluate and update the emergency response plan portion of the collection system operation and maintenance manual annually. The emergency response plan shall assess collection system security including cybersecurity; water quality monitoring for sanitary sewer overflows affecting surface waters; and hurricane and severe storm preparedness and response. [62-604.500(4)]

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5. Collection/transmission systems shall be maintained to minimize excessive infiltration and inflow into the collection/transmission system, as well as excessive leakage from the collection/transmission system. The permittee shall take corrective actions when infiltration, inflow, or leakage is excessive. Infiltration and inflow are considered excessive if one or both cause or contribute to sanitary sewer overflows. Leakage, or exfiltration, is considered excessive if it causes or contributes to a violation of surface water quality standards or ground water quality standards. *[62-604.500(5)]*
6. All collection/transmission systems shall be operated and maintained to prevent sanitary sewer overflows. The permittee shall evaluate the cause of all sanitary sewer overflows and evaluate potential corrective measures to avoid future sanitary sewer overflows. Corrective actions shall be taken by the permittee if excessive inflow and infiltration causes or contributes to a sanitary sewer overflow. The owner/operator of a satellite collection system shall take corrective actions for a sanitary sewer overflow in the receiving collection system caused by excessive inflow and infiltration in the satellite collection system. *[62-604.500(6)]*
7. 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(4)]*
8. Cross-connection, as defined in Rule 62-550.200, F.A.C., between the wastewater facility, including the collection/transmission system, and a potable water system is prohibited. *[62-550.360][62-604.130(3)]*
9. The collection/transmission operation and maintenance manual shall be maintained and revised periodically in accordance with subsection 62-604.500(4), F.A.C., to reflect any alterations performed or to reflect experience resulting from operation. However, a new operation and maintenance manual is not required to be developed for each project if there is already an existing manual that is applicable to the facilities being constructed. *[62-604.500(4)]*
10. Collection/transmission system overflows shall be reported to the Department in accordance with Permit Condition IX. 20. *[62-604.550][62-620.610(20)]*
11. 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)]*
12. 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); 62-610.518(1); and 62-600.400(2)(b)]*

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13. 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)]*
14. 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)]*
15. 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)]*
16. The permittee shall provide notice to the Department of the following:
 - 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. If pretreatment becomes necessary, this permit may be modified to require the permittee to develop and implement a local pretreatment program in accordance with the requirements of Chapter 62-625, F.A.C.

[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

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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:
 - 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)]

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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
 - 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, 62-600, 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)]

PERMITTEE: Florida Community Water Systems, INC.
FACILITY: Lakeside Waterworks WWTF

PERMIT NUMBER: FLA010521
EXPIRATION DATE: June 26, 2026

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 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 times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; clean up actions taken and status; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. For noncompliance events related to sanitary sewer overflows, bypass events, or unauthorized discharges, these reports must include the data described above (with the exception of time of discovery) as well as the type of event (e.g., sanitary sewer overflow, bypass, unauthorized discharge); type of sanitary sewer overflow structure (e.g., manhole); the discharge location address and latitude/longitude; type of water discharged; discharge volumes and volumes recovered; volume discharged to surface waters and receiving waterbody name; types of human health and environmental impacts of the sanitary sewer overflow, bypass event, or unauthorized discharge (e.g., beach closure); whether the noncompliance was caused by a third party; and whether the noncompliance was related to wet weather. The written submission may be provided electronically using the Department's Business Portal at <https://www.fldeportal.com/go/> (via "Submit" followed by "Report" or "Registration/Notification"). Notice required for public notice of pollution under paragraph (d) may be provided together with the written submission using the Business Portal. All noncompliance events related to sanitary sewer overflows or bypass events submitted after September 14, 2021, shall be submitted electronically.
 - 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 the 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, except for discharges to ground water of reclaimed water meeting Part III or Part V treatment standards under Chapter 62-610, F.A.C.
 - 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 Department by calling the STATE WATCH OFFICE TOLL FREE NUMBER (800)320-0519, as soon as practicable, 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,
 - (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.

PERMITTEE: Florida Community Water Systems, INC.
FACILITY: Lakeside Waterworks WWTF

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- (2) Oral reports, not otherwise required to be provided pursuant to subparagraph (b)1., above, shall be provided to the Department 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 shall waive the written report.
- d. In accordance with Section 403.077, F.S., unauthorized releases or spills reportable to the State Watch Office pursuant to subparagraph (b)1. above shall also be reported to the Department within 24 hours from the time the permittee becomes aware of the discharge. The permittee shall provide to the Department information reported to the State Watch Office. Notice of unauthorized releases or spills may be provided to the Department through the Department's Public Notice of Pollution web page at <https://floridadep.gov/pollutionnotice> or by reporting electronically using the Department's Business Portal at <https://www.fldepportal.com/go/> (via "Submit" followed by "Report" or "Registration/Notification").
 - (1) If, after providing notice pursuant to paragraph (d) above, the permittee determines that a reportable unauthorized release or spill did not occur or that an amendment to the notice is warranted, the permittee may submit a letter to the Department documenting such determination at pollution.notice@floridadep.gov.
 - (2) If, after providing notice pursuant to paragraph (d) above, the permittee discovers that a reportable unauthorized release or spill has migrated outside the property boundaries of the installation, the permittee must provide an additional notice to the Department that the release has migrated outside the property boundaries within 24 hours after its discovery of the migration outside of the property boundaries.
- e. Unless discharged to surface waters, a spill, release, discharge, upset or bypass involving reclaimed water meeting Part III or Part V treatment standards under Chapter 62-610, F.A.C., shall not be considered to endanger health or the environment and shall be reported under subsection (21) of this permit.

[62-620.610(20)] [62-620.100(3)]

- 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.

PERMITTEE: Florida Community Water Systems, INC.
FACILITY: Lakeside Waterworks WWTF

PERMIT NUMBER: FLA010521
EXPIRATION DATE: June 26, 2026

- 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)]

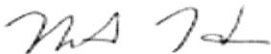
23. Upset Provisions.

- 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.
 - (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



On behalf of:

Reggie Phillips
Program Administrator
Permitting and Waste Cleanup

Attachment(s):
Discharge Monitoring Report

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Florida Community Water Systems, INC.
MAILING ADDRESS: 4939 Cross Bayou Blvd.
New Port Richey, Florida 34652

PERMIT NUMBER: FLA010521-009-DW3P

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

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

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
Flow (to sprayfield)	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-1	Permit Requirement		0.040 (An.Avg.)	MGD						5 Days/Week	Elapsed Time Measurement on Pump
Flow (to sprayfield)	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-1	Permit Requirement		Report (Mo.Avg.)	MGD					0	5 Days/Week	Elapsed Time Measurement on Pump
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):

ISSUANCE/REISSUANCE DATE: July 13, 2023

DMR EFFECTIVE DATE: During the period beginning on the certification of completion of expansion date- 06/26/26

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Lakeside Waterworks WWTF

MONITORING GROUP R-001

PERMIT NUMBER: FLA010521-009-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				400 (90th %)	800 (Max.)	Report (Mo.Geo.Mn.)	#/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		0.040 (An.Avg.)	MGD					0	5 Days/Week	Meter
Flow (Total flow thru plant)	Sample Measurement										
PARM Code 50050 Q Mon. Site No. FLW-3	Permit Requirement	Report (3Mo.Avg.)	Report (Mo.Avg.)	MGD						5 Days/Week	Meter
Percent Capacity, (TMADF/Permitted Capacity) x 100	Sample Measurement										
PARM Code 00180 1 Mon. Site No. FLW-3	Permit Requirement						Report (Mo.Avg.)	percent	0	Monthly	Calculated

ISSUANCE/REISSUANCE DATE: July 13, 2023

DMR EFFECTIVE DATE: During the period beginning on the certification of completion of expansion date- 06/26/26

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Florida Community Water Systems, INC.
MAILING ADDRESS: 4939 Cross Bayou Blvd.
New Port Richey, Florida 34652-

PERMIT NUMBER: FLA010521-009-DW3P

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

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

REPORT FREQUENCY: Quarterly
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
Nitrogen, Total	Sample Measurement							
PARM Code 00600 A Mon. Site No. EFA-1	Permit Requirement			Report (Max.)	mg/L	0	Quarterly	Grab
Phosphorus, Total (as P)	Sample Measurement							
PARM Code 00665 A Mon. Site No. EFA-1	Permit Requirement			Report (Max.)	mg/L	0	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):

ISSUANCE/REISSUANCE DATE: July 13, 2023

DMR EFFECTIVE DATE: During the period beginning on the certification of completion of expansion date- 06/26/26

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Florida Community Water Systems, INC.
MAILING ADDRESS: 4939 Cross Bayou Blvd.
New Port Richey, Florida 34652-

PERMIT NUMBER: FLA010521-009-DW3P

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

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

REPORT FREQUENCY: Annually
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
BOD, Carbonaceous 5 day, 20C (Influent)	Sample Measurement										
PARM Code 80082 G Mon. Site No. INF-1	Permit Requirement					Report (Max.)	mg/L	0		Annually	Grab
Solids, Total Suspended (Influent)	Sample Measurement										
PARM Code 00530 G Mon. Site No. INF-1	Permit Requirement					Report (Max.)	mg/L	0		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):

ISSUANCE/REISSUANCE DATE: July 13, 2023

DMR EFFECTIVE DATE: During the period beginning on the certification of completion of expansion date- 06/26/26

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Florida Community Water Systems, INC.
MAILING ADDRESS: 4939 Cross Bayou Blvd.
New Port Richey, Florida 34652-

PERMIT NUMBER: FLA010521-009-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

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
Flow (RIB)	Sample Measurement										
PARM Code 50050 Y Mon. Site No. FLW-2	Permit Requirement		0.013 (An.Avg.)	MGD					0	5 Days/Week	Calculated
Flow (RIB)	Sample Measurement										
PARM Code 50050 1 Mon. Site No. FLW-2	Permit Requirement	Report (Mo.Avg.)	Report (3Mo.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):

ISSUANCE/REISSUANCE DATE: July 13, 2023

DMR EFFECTIVE DATE: During the period beginning on the certification of completion of expansion date- 06/26/26

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

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Lakeside Waterworks WWTF

MONITORING GROUP R-002

PERMIT NUMBER: FLA010521-009-DW3P

NUMBER:

MONITORING PERIOD From: To:

[illegible]

ISSUANCE/REISSUANCE DATE: July 13, 2023

DMR EFFECTIVE DATE: During the period beginning on the certification of completion of expansion date- 06/26/26

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Florida Community Water Systems, INC.
MAILING ADDRESS: 4939 Cross Bayou Blvd.
New Port Richey, Florida 34652-

PERMIT NUMBER: FLA010521-009-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

REPORT FREQUENCY: Quarterly
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
Nitrogen, Nitrate, Total (as N)	Sample Measurement										
PARM Code 00620 A	Permit					12.0		mg/L		Quarterly	Grab
Mon. Site No. EFA-1	Requirement					(Max.)					

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):

ISSUANCE/REISSUANCE DATE: July 13, 2023

DMR EFFECTIVE DATE: During the period beginning on the certification of completion of expansion date- 06/26/26

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

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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

PERMITTEE NAME: Florida Community Water Systems, INC.
MAILING ADDRESS: 4939 Cross Bayou Blvd.
New Port Richey, Florida 34652-

PERMIT NUMBER: FLA010521-009-DW3P

FACILITY: Lakeside Waterworks WWTF
LOCATION: 100 Shangri-La Boulevard
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			0	Monthly	Calculated
Biosolids Quantity (Landfilled)	Sample Measurement							
PARM Code B0008 + Mon. Site No. RMP-1	Permit Requirement	Report (Mo.Total)	dry tons			0	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):

ISSUANCE/REISSUANCE DATE: July 13, 2023

DMR EFFECTIVE DATE: During the period beginning on the certification of completion of expansion date- 06/26/26

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

DAILY SAMPLE RESULTS - PART B

Permit Number: FLA010521-009-DW3P Facility: Lakeside Waterworks WWTF
 Monitoring Period From: _____ To: _____

	BOD, Carbonaceous 5 day, 20C mg/L	Chlorine, Total Residual (For Disinfection) mg/L	Coliform, Fecal #/100mL	Flow (to sprayfield) MGD	Flow (Total flow thru plant) MGD	Solids, Total Suspended mg/L	pH s.u.				
Code	80082	50060	74055	50050	50050	00530	00400				
Mon. Site	EFA-1	EFA-1	EFA-1	FLW-1	FLW-3	EFA-1	EFA-1				
1											
2											
3											
4											
5											
6											
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22											
23											
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.

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.

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

PERMIT NUMBER: FLA010521-009

FACILITY NAME: Lakeside Waterworks WWTF

FACILITY LOCATION: 100 Shangri-La Boulevard, Leesburg, FL 34788
Lake County

NAME OF PERMITTEE: Florida Community Water Systems, INC.

PERMIT APPLICATION REVIEWER: Wilmott Brown

PERMIT WRITER: Charles LeGros

I. SUMMARY OF APPLICATION

a. Chronology of Application

Application Number: FLA010521-009-DW3P

Application Submittal Date: December 20, 2022

b. Type of Facility

Domestic Wastewater Treatment Plant

Ownership Type: Private

SIC Code: 4952

c. Facility Capacity

Existing Permitted Capacity:	0.015 MGD Three Month Average Daily Flow
Proposed Increase in Permitted Capacity:	0.025 MGD Three Month Average Daily Flow
Proposed Total Permitted Capacity:	0.040 MGD Annual Average Daily Flow

d. Description of Wastewater Treatment

This is an existing 0.015 million gallon per day (MGD) three-month average daily flow (TMADF) permitted capacity extended aeration domestic wastewater treatment plant consisting of aeration, secondary clarification, chlorination, and aerobic digestion of biosolids. When operated in the step aeration mode, the treatment plant has a design capacity of 0.050 MGD.

This permit revision authorizes construction to rerate the facility to 0.40 MGD annual average daily flow. This rerating will include the addition of (2) new 10,000 gallon aeration tanks and (1) new 10,000 gallon digester tank, conversion of existing digester tank into an aeration tank, two additional blowers, associated piping and an addition of an emergency generator.

e. Description of Effluent Disposal and Land Application Sites (as reported by applicant)

Land Application R-001: An existing 0.050 MGD annual average daily flow design capacity slow-rate restricted public access (except subsurface) system. R-001 is a reuse system which consists of a sprayfield with a total wetted area of 3.2 acres previously having a limited capacity of 0.015 MGD and will now be limited to a permitted capacity of 0.040 MGD AADF (based on plant capacity) located approximately at latitude 28°51' 33" N, longitude 81°45' 18" W.

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 having a capacity of 0.013 MGD 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 (to sprayfield)	MGD	Max	0.040	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
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
		Max	20.0	Annual Average	62-610.410 & 62-600.420(3)(b)1. FAC
Solids, Total Suspended	mg/L	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
		Max	200	Annual Average	62-62-600.440(5)(a)1 FAC
Coliform, Fecal	#/100mL	Max	Report	Monthly Geometric Mean	62-62-600.440(5)(a)2 FAC
		Max	400	90th Percentile	62-62-600.440(5)(a)3 FAC
		Max	800	Single Sample	62-62-600.440(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 (RIB)	MGD	Max	0.013	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	3-Month Rolling Average	62-600.700(2) & 610.810(5) FAC
BOD, Carbonaceous 5 day, 20C	mg/L	Max	20.0	Annual Average	62-610.510 & 62-600.420(3)(a)1. FAC
		Max	30.0	Monthly Average	62-610.510 & 62-600.420(3)(a)2. FAC
		Max	45.0	Weekly Average	62-610.510 & 62-600.420(3)(a)3. FAC
		Max	60.0	Single Sample	62-610.510 & 62-600.420(3)(a)4. FAC
Solids, Total Suspended	mg/L	Max	20.0	Annual Average	62-610.510 & 62-600.420(3)(b)1. FAC
		Max	30.0	Monthly Average	62-610.510 & 62-600.420(3)(b)2. FAC
		Max	45.0	Weekly Average	62-610.510 & 62-600.420(3)(b)3. FAC
		Max	60.0	Single Sample	62-610.510 & 62-600.420(3)(b)4. FAC
Coliform, Fecal	#/100mL	Max	200	Annual Average	62-610.510 & 62-600.440(5)(a)1. FAC
		Max	Report	Monthly Geometric Mean	62-610.510 & 62-600.440(5)(a)2. FAC
		Max	400	90th Percentile	62-610.510 & 62-600.440(5)(a)3. FAC
		Max	800	Single Sample	62-610.510 & 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	62-610.510 & 62-600.440(5)(c) 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	0.040	Annual Average	62-600.700(2) FAC
		Max	Report	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

Parameter	Units	Max/ Min	Limit	Statistical Basis	Rationale
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

4. IMPAIRMENT STATUS OF RECEIVING WATERS

This facility does not discharge to surface waters. However, the land application systems are located in a nutrient-impaired basin (Ocklawaha Basin). When effluent is land applied it infiltrates into groundwater and has the potential to deliver nutrient loads to the aquifer and hydrologically connected surface waters. Monitoring for total nitrogen and total phosphorus is included for R-001 in order to provide reasonable assurance that the discharge to ground waters will not cause or contribute to the nutrient impairment in the basin.

5. DISCUSSION OF CHANGES TO PERMIT LIMITATIONS

The current wastewater operating permit for this facility is FLA010521-008-DW3P and expires on June 26, 2026. This permit revision FLA010521-009-DW3P is to expand the facility.

6. BIOSOLIDS MANAGEMENT REQUIREMENTS

Biosolids generated by this facility may be transferred to Aable 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

7. GROUND WATER MONITORING REQUIREMENTS

This section is not applicable to this facility.

8. PERMIT SCHEDULES

See permit.

9. 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.

10. 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 that affects this permit.

11. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

12. 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 14. Copies will be provided at a minimal charge per page.

13. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Notice of Intent to Issue	June 21, 2023
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Notice of Permit Issuance	July 13, 2023
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14. DEP CONTACT

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

Charles LeGros
Environmental Consultant
Charles.legros@dep.state.fl.us
Central District Office

3319 Maguire Blvd
Suite 232
Orlando, FL 32803-3767

Telephone No.: (407) 897-4158



St. Johns River

Water Management District

Ann B. Shortelle, Ph.D., Executive Director

4049 Reid Street • P.O. Box 1429 • Palatka, FL 32178-1429 • (386) 329-4500
On the Internet at floridaswater.com.

July 27, 2015

Lakeside Waterworks Inc
5320 Captains Ct
New Port Richey, FL 34652-3089

SUBJECT: Consumptive Use Permit Number 6781-8
Lakeside Waterworks

Dear Sir/Madam:

Enclosed is your permit authorized by the St. Johns River Water Management District on July 27, 2015.

Please be advised that the period of time within which a third party may request an administrative hearing on this permit may not have expired by the date of issuance. A potential petitioner has twenty-six (26) days from the date on which the actual notice is deposited in the mail, or twenty-one (21) days from publication of this notice when actual notice is not provided, within which to file a petition for an administrative hearing pursuant to Sections 120.569 and 120.57, Florida Statutes. Receipt of such a petition by the District may result in this permit becoming null and void.

Also, be advised that the District will not publish a notice in the newspaper advising the public that it has issued this permit. Enclosed is information on publishing notice of the permit. If you do not publish a newspaper notice to close the point of entry, the time to challenge the issuance of your permit will not expire.

The enclosed permit is a legal document and should be kept with your other important records. Please read the permit and conditions carefully since the referenced conditions may require submittal of additional information.

GOVERNING BOARD

John A. Miklos, CHAIRMAN
ORLANDO

Douglas C. Bournique
VERO BEACH

Fred N. Roberts Jr., VICE CHAIRMAN
OCALA

Douglas Burnett
ST. AUGUSTINE

Chuck Drake, SECRETARY
ORLANDO

Maryam H. Ghyabi
ORMOND BEACH

Ron Howse
COCOA

Carla Yetter, TREASURER
FERNANDINA BEACH

George W. Robbins
JACKSONVILLE

Where possible, please submit all information required to comply with permit conditions, electronically, at floridaswater.com/permitting via the District's e-Permitting portal. If you have any questions concerning the conditions of your permit, please contact Emily Wakley in the Maitland Service Center at (407) 659-4827.

Sincerely,

A handwritten signature in cursive script that reads "M. Daniels".

Margaret Daniels, Bureau Chief
Bureau of Regulatory Support

Agent: Todd Townsend
Citrus Well Drilling
P.O. Box 369
Hernando, FL 34441

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
Post Office Box 1429
Palatka, Florida 32178-1429

PERMIT NO: 6781-8

DATE ISSUED: July 27, 2015

PROJECT NAME: Lakeside Waterworks

A PERMIT AUTHORIZING:

The District authorizes as limited by the attached conditions the use of 31.0 million gallons per year of ground water from the Floridan aquifer to supply an estimated population of 670 in 2029 with water for public supply type use.

LOCATION:

Site: Shangri-La by the Lake
Lake County

SECTION(S):
6

TOWNSHIP(S):
19S

RANGE(S):
26E

ISSUED TO:

Lakeside Waterworks Inc
5320 Captains Ct
New Port Richey, FL 34652-3089

The permittee agrees to hold and save the St. Johns River Water Management District and its successors harmless from any and all damages, claims, or liabilities which may arise from permit issuance. Said application, including all plans and specifications attached thereto, is by reference made a part hereof.

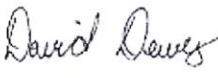
This permit does not convey to the permittee any property rights nor any rights or privileges other than those specified herein, nor relieve the permittee from complying with any law, regulation or requirement affecting the rights of other bodies or agencies.

This permit may be revoked, modified or transferred at any time pursuant to the appropriate provisions of Chapter 373, Florida Statutes and 40C-1, Florida Administrative Code.

PERMIT IS CONDITIONED UPON:

See conditions on attached "Exhibit A", dated July 27, 2015

AUTHORIZED BY: St. Johns River Water Management District
Division of Regulatory, Engineering and Environmental Services

By: 

David Dewey
Service Center Director

"EXHIBIT A"
CONDITIONS FOR ISSUANCE OF PERMIT NUMBER 6781-8
Lakeside Waterworks
DATE ISSUED July 27, 2015

1. District authorized staff, upon proper identification, will have permission to enter, inspect, and observe permitted and related facilities in order to determine compliance with the approved plans, specifications, and conditions of this permit.
2. Nothing in this permit should be construed to limit the authority of the St. Johns River Water Management District to declare a water shortage and issue orders pursuant to Section 373.175, Florida Statutes, or to formulate a plan for implementation during periods of water shortage, pursuant to Section 373.246, Florida Statutes. In the event a water shortage is declared by the District Governing Board, the permittee must adhere to the water shortage restrictions as specified by the District, even though the specified water shortage restrictions may be inconsistent with the terms and conditions of this permit.
3. Prior to the construction, modification, or abandonment of a well, the permittee must obtain a Water Well Construction Permit from the St. Johns River Water Management District, or the appropriate local government pursuant to Chapter 40C-3, Florida Administrative Code. Construction, modification, or abandonment of a well will require modification of the consumptive use permit when such construction, modification, or abandonment is other than that specified and described on the consumptive use permit application form.
4. Leaking or inoperative well casings, valves, or controls must be repaired or replaced as required to eliminate the leak or make the system fully operational.
5. Legal uses of water existing at the time of permit application may not be significantly adversely impacted by the consumptive use. If unanticipated significant adverse impacts occur, the District shall revoke the permit in whole or in part to curtail or abate the adverse impacts, unless the impacts can be mitigated by the permittee.
6. Off-site land uses existing at the time of permit application may not be significantly adversely impacted as a result of the consumptive use. If unanticipated significant adverse impacts occur, the District shall revoke the permit in whole or in part to curtail or abate the adverse impacts, unless the impacts can be mitigated by the permittee.
7. The District must be notified, in writing, within 30 days of any sale, conveyance, or other transfer of a well or facility from which the permitted consumptive use is made or within 30 days of any transfer of ownership or control of the real property at which the permitted consumptive use is located. All transfers of ownership or transfers of permits are subject to the provisions of section 40C-1.612.
8. A District issued identification tag shall be prominently displayed at each withdrawal site by permanently affixing such tag to the pump, headgate, valve, or other withdrawal facility as provided by Section 40C-2.401, Florida Administrative Code. Permittee shall notify the District in the event that a replacement tag is needed.

9. The permittee's consumptive use shall not adversely impact wetlands, lakes, and spring flows or contribute to a violation of minimum flows and levels adopted in Chapter 40C-8, F.A.C., except as authorized by a SJRWMD-approved minimum flow or level (MFL) recovery strategy. If unanticipated significant adverse impacts occur, the SJRWMD shall revoke the permit in whole or in part to curtail or abate the adverse impacts, unless the impacts are mitigated by the permittee pursuant to a District-approved plan.
10. All submittals made to demonstrate compliance with this permit must include the permit number 6781 plainly labeled on the submittal.
11. This permit will expire November 10, 2029.
12. All irrigation shall be in conformity with the requirements set forth in subsection 40C2.042(2), F.A.C.
13. Maximum annual ground water withdrawal from the Floridan aquifer for public supply use must not exceed: 14.9 million gallons per year (0.041 million gallons per day average) in 2009, 17.5 million gallons per year (0.048 million gallons per day average) in 2010, 18.3 million gallons per year (0.051 million gallons per day average) in 2011, 19.3 million gallons per year (0.053 million gallons per day average) in 2012, 20.4 million gallons per year (0.056 million gallons per day average) in 2013, 21.9 million gallons per year (0.060 million gallons per day average) in 2014, 23.4 million gallons per year (0.064 million gallons per day average) in 2015, 24.8 million gallons per year (0.068 million gallons per day average) in 2016, 26.3 million gallons per year (0.072 million gallons per day average) in 2017, 27.7 million gallons per year (0.076 million gallons per day average) in 2019, 29.6 million gallons per year (0.081 million gallons per day average) in 2020 and, 31.0 million gallons per year (0.085 million gallons per day average) in 2021 2029
14. Well numbers 1 (Station ID 10430) and 2R (Station ID 453969) must be equipped with totalizing flowmeters. Flow meters must maintain +/- 5% accuracy, be verifiable and be installed according to the manufacturer's specifications. Documentation (i.e. manufacturer's specifications and a photo) of the proper installation of this meter must be submitted to the District within 60 days from the date of installation of the meter.
15. The permittee must have Well 1 (Station ID 10430) and Well 2R (Station ID 453969) checked for accuracy by March 31, 2019 and recalibrated if the difference between the actual flow and the meter reading is greater than 5%. District Form No. EN-51 must be submitted to the District within 10 days of the inspection/calibration.
16. The Permittee must maintain the SJRWMD approved flow measuring devices. In case of failure or breakdown of any method, the District must be notified in writing within 5 days of its discovery. A defective method must be repaired or replaced within 30 days of its discovery.
17. The permittee shall meter all service connections.
18. The permittee shall maintain monthly records of water use, by source, for the permitted project and shall provide the records to the District upon request. The records must be maintained for the life of the permit.

19. By January 31 each year, the permittee shall submit a completed Annual Statement of Continuing Use form to the District. The preferred method of submittal shall be via the e-permitting portal at www.floridaswater.com.
20. The Permittee must continue an ongoing water conservation program to be implemented for permit duration in accordance with the Water Conservation Plan submitted to the District on January 28, 2009.
21. The Permittee must submit an annual water audit of the water distribution system for the each year for permit duration, and submit it to the District by March 31st of the following year. All water uses given in the audit must be for the previous calendar year and documentation provided on how the amounts were metered or determined. If the water audit shows that the system losses and unaccounted for water utility uses exceed 10%, a leak detection and repair program must be implemented.
22. The permittee shall submit, to the District, a compliance report pursuant to subsection 373.236(4), F.S., on March 31, 2019. The report shall contain sufficient information to demonstrate that the permittee's use of water will continue, for the remaining duration of the permit, to meet the conditions for permit issuance set forth in the District rules that existed at the time the permit was issued for 20 years by the District. At a minimum, the compliance report must: meet the submittal requirements of section 4.2 of the Applicant's Handbook: Consumptive Uses of Water, March 8, 2008, A summary of all leak detection procedures and repairs implemented during the previous 5-year time period Verification that all available water conservation measures are being implemented.
23. Replacement Well 2R (Station ID 453969) shall be located and installed in accordance with the specifications provided in the letter dated July 21, 2015 and subject to the permitting requirements of Chapter 40C-2, F.A.C. Existing Well 2 (Station ID 10431) must be abandoned subject to the permitting requirements of Chapter 40C-3, F.A.C. once Well 2R (Station ID 453969) has been completed and put into service. The well completion report documenting proper abandonment must be submitted to the District by October 31, 2015.

Notice Of Rights

1. 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, the petition must be filed (received) either by delivery at the office of the District Clerk at District Headquarters, P. O. Box 1429, Palatka Florida 32178-1429 (4049 Reid St., Palatka, FL 32177) or by e-mail with the District Clerk at Clerk@sjrwmd.com, within twenty-six (26) days of the District depositing the notice of District decision in the mail (for those persons to whom the District mails actual notice), within twenty-one (21) days of the District emailing the notice of District decision (for those persons to whom the District emails actual notice), or within twenty-one (21) 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, and Chapter 28-106, Florida Administrative Code. The District will not accept a petition sent by facsimile (fax), as explained in paragraph no. 4 below.
2. Please be advised that if you wish to dispute this District decision, mediation may be available and that choosing mediation does not affect your right to an administrative hearing. If you wish to request mediation, you must do so in a timely-filed petition. If all parties, including the District, agree to the details of the mediation procedure, in writing, within 10 days after the time period stated in the announcement for election of an administrative remedy under Sections 120.569 and 120.57, Florida Statutes, the time limitations imposed by Sections 120.569 and 120.57, Florida Statutes, shall be tolled to allow mediation of the disputed District decision. The mediation must be concluded within 60 days of the date of the parties' written agreement, or such other timeframe agreed to by the parties in writing. Any mediation agreement must include provisions for selecting a mediator, a statement that each party shall be responsible for paying its pro-rata share of the costs and fees associated with mediation, and the mediating parties' understanding regarding the confidentiality of discussions and documents introduced during mediation. If mediation results in settlement of the administrative dispute, the District will enter a final order consistent with the settlement agreement. If mediation terminates without settlement of the dispute, the District will notify all the parties in writing that the administrative hearing process under Sections 120.569 and 120.57, Florida Statutes, is resumed. Even if a party chooses not to engage in formal mediation, or if formal mediation does not result in a settlement agreement, the District will remain willing to engage in informal settlement discussions.
3. A person whose substantial interests are or may be affected has the right to an informal administrative hearing pursuant to Sections 120.569 and 120.57(2), Florida Statutes, where no material facts are in dispute. A petition for an informal hearing must also comply with the requirements set forth in Rule 28-106.301, Florida Administrative Code.

Notice Of Rights

4. 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 8:00 a.m. – 5:00 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 8:00 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 is prohibited and shall not constitute filing.
5. Failure to file a petition for an administrative hearing within the requisite timeframe shall constitute a waiver of the right to an administrative hearing. (Rule 28-106.111, Florida Administrative Code).
6. 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. A person whose substantial interests are or may be affected by the District's final action has the right to become a party to the proceeding, in accordance with the requirements set forth above.
7. Pursuant to Section 120.68, Florida Statutes, a party to the proceeding before the District who is adversely affected by final District action may seek review of the action in the District Court of Appeal by filing a notice of appeal pursuant to Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, within 30 days of the rendering of the final District action.
8. A District action is considered rendered, as referred to in paragraph no. 7 above, after it is signed on behalf of the District and filed by the District Clerk.
9. Failure to observe the relevant timeframes for filing a petition for judicial review as described in paragraph no. 7 above will result in waiver of that right to review.

NOR.Decision.DOC.001
Revised 12.7.11

Notice Of Rights

Certificate of Service

I HEREBY CERTIFY that a copy of the foregoing Notice of Rights has been sent to the permittee:

Lakeside Waterworks Inc
5320 Captains Ct
New Port Richey, FL 34652-3089

This 27th day of July, 2015.



Margaret Daniels, Bureau Chief
Bureau of Regulatory Support
St. Johns River Water Management District
4049 Reid Street
Palatka, FL 32177-2529
(386) 329-4570

Permit Number: 6781-8

NOTICING INFORMATION

Dear Permittee:

Please be advised that the St. Johns River Water Management District will not publish a notice in the newspaper advising the public that it has issued a permit for this project.

Newspaper publication, using the District's notice form, notifies members of the public of their right to challenge the issuance of the permit. If proper notice is given by newspaper publication, then there is a 21-day time limit for someone to file a petition for an administrative hearing to challenge the issuance of the permit.

To close the point of entry for filing a petition, you may publish (at your own expense) a one-time notice of the District's decision in a newspaper of general circulation within the affected area as defined in Section 50.011 of the Florida Statutes. If you do not publish a newspaper notice to close the point of entry, the time to challenge the issuance of your permit will not expire and someone could file a petition even after your project is constructed.

A copy of the notice form and a partial list of newspapers of general circulation are attached for your convenience. However, you are not limited to those listed newspapers. If you choose to close the point of entry and the notice is published, the newspaper will return to you an affidavit of publication. In that event, it is important that you either submit a scanned copy of the affidavit by emailing it to compliancesupport@sjrwmd.com (preferred method) **or** send a copy of the original affidavit to:

Margaret Daniels, Bureau Chief
Bureau of Regulatory Support
4049 Reid Street
Palatka, FL 32177

If you have any questions, please contact the Bureau of Regulatory Support at (386) 329-4570.

Sincerely,



Margaret Daniels, Bureau Chief
Bureau of Regulatory Support

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

Notice is given that the following permit was issued on _____:

(Name and address of applicant) _____
permit# _____. The project is located in _____ County, Section
_____, Township _____ South, Range _____ East. The permit authorizes a surface
water management system on _____ acres for _____ known as
_____. The receiving water body is _____.

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@sjrwmd.com, within twenty-one (21) 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.

NEWSPAPER ADVERTISING

ALACHUA

The Alachua County Record, Legal Advertising
P. O. Box 806
Gainesville, FL 32602
352-377-2444/ fax 352-338-1986

BRAFORD

Bradford County Telegraph, Legal Advertising
P. O. Drawer A
Starke, FL 32901
904-964-6305/ fax 904-964-8628

CLAY

Clay Today, Legal Advertising
1560 Kinsley Ave., Suite 1
Orange Park, FL 32073
904-264-3200/ fax 904-264-3285

FLAGLER

Flagler Tribune, c/o News Journal
P. O. Box 2831
Daytona Beach, FL 32120-2831
386- 681-2322

LAKE

Daily Commercial, Legal Advertising
P. O. Drawer 490007
Leesburg, FL 34749
352-365-8235/fax 352-365-1951

NASSAU

News-Leader, Legal Advertising
P. O. Box 766
Fernandina Beach, FL 32035
904-261-3696/fax 904-261-3698

ORANGE

Sentinel Communications, Legal Advertising
633 N. Orange Avenue
Orlando, FL 32801
407-420-5160/ fax 407-420-5011

PUTNAM

Palatka Daily News, Legal Advertising
P. O. Box 777
Palatka, FL 32178
386-312-5200/ fax 386-312-5209

SEMINOLE

Seminole Herald, Legal Advertising
300 North French Avenue
Sanford, FL 32771
407-323-9408

BAKER

Baker County Press, Legal Advertising
P. O. Box 598
MacLennny, FL 32063
904-259-2400/ fax 904-259-6502

BREVARD

Florida Today, Legal Advertising
P. O. Box 419000
Melbourne, FL 32941-9000
321-242-3832/ fax 321-242-6618

DUVAL

Daily Record, Legal Advertising
P. O. Box 1769
Jacksonville, FL 32201
904-356-2466 / fax 904-353-2628

INDIAN RIVER

Vero Beach Press Journal, Legal Advertising
P. O. Box 1268
Vero Beach, FL 32961-1268
772-221-4282/ fax 772-978-2340

MARION

Ocala Star Banner, Legal Advertising
2121 SW 19th Avenue Road
Ocala, FL 34474
352-867-4010/fax 352-867-4126

OKEECHOBEE

Okeechobee News, Legal Advertising
P. O. Box 639
Okeechobee, FL 34973-0639
863-763-3134/fax 863-763-5901

OSCEOLA

Little Sentinel, Legal Advertising
633 N. Orange Avenue
Orlando, FL 32801
407-420-5160/ fax 407-420-5011

ST. JOHNS

St. Augustine Record, Legal Advertising
P. O. Box 1630
St. Augustine, FL 32085
904-819-3436

VOLUSIA

News Journal Corporation, Legal Advertising
P. O. Box 2831
Daytona Beach, FL 32120-2831
(386) 681-2322

Exhibit H & I

Copy of most recent DEP sanitary survey, secondary water quality standards
report

Copy of all DEP correspondence within last 5 years

U.S. Water[®]



Services Corporation

September 13, 2024

To: Florida Department of Environmental Protection
Central District Office
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803

Re: Lakeside Waterworks WWTF
Wastewater Inspection Report Response
Permit # FLA010521

Dear Mr. Reyes:

The purpose of this letter is to respond to and address the issues set forth in your email dated August 29, 2024, based on the site inspection conducted on August 29, 2024. We have reviewed the items of concern.

Please find the following response attached.

Sincerely,

Melisa Rotteveel

Melisa Rotteveel
US Water Services Corporation

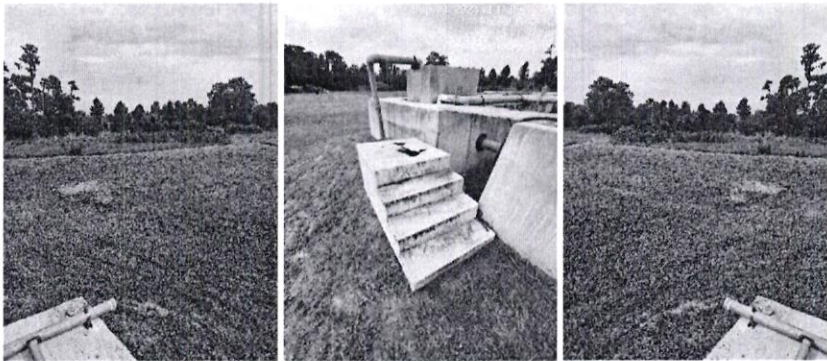
DEFICIENCY (Effluent Exceedances) ensure that the plant is operated so as to minimize the occurrence of permit limit exceedances.

Response: In review of the files, it is noted that there have been multiple incident reports filed with the department during the review period which include increased hydraulics and issues with equipment operations. The Owners are currently working with an Engineer in the development/permitting stages for a possible plant expansion due to the increased population within the community.

The fecal coliform result which triggered the annual average permitted exceedance occurred in November 2023. It is important to note that all results since that time have been within permitted limits. Due to the use of a running 12-month average to calculate this permit limit, we anticipate the annual average will be below the 200 cts/100 mls limit in November 2024. We will continue to monitor and report as required.

DEFICIENCY Vegetation is overgrown in the RIB: allow for the area to dry as needed and ensure that the overgrown vegetation is cleared. Submit photos via email once complete.

Response: The grounds are maintained (see photos below); operations and maintenance staff are working with pump station settings to direct flows to the Sprayfield (R001) to allow the RIB to dry and vegetation removed. Updated photos of the RIB will be provided to the department upon completion.





FLORIDA DEPARTMENT OF Environmental Protection

Central District Office
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

August 25, 2022

Sharon Purviance, Manager
Florida Community Water Systems, Inc.
4939 Cross Bayou Blvd
New Port Richey, FL, 34652
SPurviance@uswatercorp.net

Re: Shangri-la by the Lake Utilities
PW Facility ID #3354028
Lake County

Dear Ms. Purviance:

Department personnel conducted an inspection of the above-referenced facility on July 22, 2022. Based on the information provided during and following the inspection, the facility was determined to be in compliance with the Department's rules and regulations. A copy of the inspection report is attached for your records, and any non-compliance items which may have been identified at the time of the inspection have been corrected.

The Department appreciates your efforts to maintain this facility in compliance with state and federal rules. Should you have any questions or comments, please contact Carly Cogburn at 407-897-4320 or via e-mail at Carly.Cogburn@FloridaDEP.gov.

Sincerely,

A handwritten signature in cursive script that reads "Amada Fernandez".

Amada Fernandez, Environmental Manager
Central District
Florida Department of Environmental Protection

Enclosure: Inspection Report

cc: Melisa Rotteveel, mrotteveel@uswatercorp.net, US Water
Carly Cogburn, FDEP Central District

SANITARY SURVEY REPORT

Plant Name	SHANGRI-LA BY THE LAKE UTILITIES, INC.		County		Lake		PWS ID #	3354028
Plant Location	100 Shangri-La Blvd., Leesburg, FL 34788						Phone	727-919-1548
Owner Name	Florida Community Water Systems, Inc						Phone	727-919-1548
Owner Address	4939 Cross Bayou Blvd., New Port Richey, FL 34652							
Contact Person	Sharon Purviance		Title	Manager			Phone	727-919-1548
This Survey Date	07/22/2022		Last Survey Date	08/03/2016		Last Compliance Inspection Date 05/29/2012		

PWS TYPE: Community

PLANT CATEGORY & CLASS: 5D

MAX-DAY DESIGN CAPACITY: 180,000 gpd

PWS STATUS: Approved

TREATMENT PROCESSES IN USE

Hypochlorination, Aeration

SERVICE AREA CHARACTERISTICS

Mobile Home Park

Food Service: ☐ Yes ☐ No ☒ N/A

Number of Service Connections	167
Population Served	328
Basis	MOR

OPERATION & MAINTENANCE LOG: Yes

Location	Water treatment plant
Comments	

CERTIFIED OPERATOR: Yes

Operator(s) & Certification Class-Number:
Curtis Carter C25257

Hrs/day: <i>Required</i>	Visit*	<i>Actual</i>	Visit
Days/wk: <i>Required</i>	3	<i>Actual</i>	6
Non-consecutive Days?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Comments <u>* visits must add up to a cumulative total of at least 0.3 hrs/week</u>			

MONTHLY OPERATION REPORTS (MORs)

MORs submitted regularly?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Data missing from MORs?	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> N/A
Average Day (from MORs)	27,370 gpd		
Maximum Day (from MORs)	64,900 gpd	05/2022	
Comments			

Flow Measuring Device	Flow Meter
Meter Size & Type	4" McCrometer, 6" Water Spec
Date Last Calibrated	03/01/2021 for both wells

RAW WATER SOURCE

☒ GROUND; Number of Wells _____ 2

☐ PURCHASED from PWS ID # _____

☐ Emergency Water Source _____

Emergency Water Capacity _____

STANDBY POWER SOURCE: Yes

Source Generac model no. SG015EPS-15
Capacity of Standby (kW) 20
Switchover: ☒ Automatic ☐ Manual
Hrs Operated Under Load 1 hr/week
What equipment does it operate?
☒ Well Pumps
☒ High Service Pumps HSP #1
☒ Treatment Equipment All
Satisfy avg. daily demand? ☒ Yes ☐ No ☐ Unknown
Audio-visual alarm? ☐ Yes ☒ No
Comments

PLANS AND MAPS

Coliform Sampling Plan	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
D/DBP Monitoring Plan	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Lead and Copper Plan	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Distribution System Map	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Emergency Response Plan	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Comments			

PREVENTIVE MAINTENANCE/O&M

Operation & Maintenance Manual	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Preventive Maintenance Program	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Flushing Program	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Records	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Isolation Valve Exercise	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Records	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

Comments _____

CROSS CONNECTION CONTROL

# BFPAs	<u>1</u>	# Tested	<u>1</u>
WWTP RPZ	<u>Yes</u>	Date Tested	<u>11/16/2021</u>
Written Plan	<u>Yes</u>	Date	<u>2018</u>
Comments			

GROUND WATER SOURCE

Well Number (Florida Unique Well ID #)		WR-1	2 (AAH6721)		
Year Drilled		1999	2015		
Depth Drilled		330'	397'		
Drilling Method		Cable Tool	Rotary Drill		
Type of Grout		Neat Cement	Unknown		
Static Water Level		12'	11'		
Pumping Water Level		12'	31'		
Design Well Yield		850	Unknown		
Test Yield		1,200 gpm	Unknown		
Actual Yield (if different than rated capacity)		Unknown	450 gpm		
Strainer		Open hole	Unknown		
Length (outside casing)		191'	247'		
Diameter (outside casing)		8"	8"		
Material (outside casing)		Black steel	Black steel		
Well Contamination History		No	No		
Is inundation of well possible?		No	No		
6' X 6' X 4" Concrete Pad		Yes	Yes *		
SET BACKS	Septic Tank	N/A	N/A		
	Reuse Water	N/A	N/A		
	WW Plumbing	>200'	>200'		
	Other Sanitary Hazard	None observed	None observed		
PUMP	Type	Submersible	Submersible		
	Manufacturer Name	Unknown	Unknown		
	Model Number	30NSBYCZ-T	Unknown		
	Rated Capacity (gpm)	850	280		
	Motor Horsepower	30	10		
Well casing 12" above grade?		Yes	Yes		
Well Casing Sanitary Seal		Yes	Yes		
Raw Water Sampling Tap		Yes	Yes		
Above Ground Check Valve		Yes	No**		
Security		Yes	Yes		
Well Vent Protection		Yes	Yes		

COMMENTS * Well pad is acceptable until the well requires work, then well pad should be enlarged. **Missing check valve at the time of the inspection

CHLORINATION (Disinfection)

Type: ☐ Gas ☒ Hypo
Make Stenner (4) Capacity 17 gpd
Chlorine Feed Rate 50/50/100/75
Avg. Amount of Cl₂ gas used N/A
Chlorine Residuals: Plant 1.12 Remote 1.93
Remote tap location 12114 Eagle Point Court
DPD Test Kit: ☐ On-site ☒ With operator
☐ None ☐ Not Used Daily
Injection Points Pre aeration
Booster Pump Info Yes
Comments _____

STORAGE FACILITIES

(G) Ground (C) Clearwell (E) Elevated
(B) Bladder (H) Hydropneumatic / flow-through

Tank Type/Number	H1	H2	G1
Capacity (gal)	3,000	5,000	20,000
Material	Steel	Steel	Concrete
Gravity Drain	Yes	Yes	Yes
By-Pass Piping	Yes	Yes	Yes
Protected Openings	Yes	Yes	Yes
Sight Glass or Level Indicator	Yes	Yes	Yes
PRV/ARV	PRV	PRV	PRV
Pressure Gauge	Yes	Yes	Yes
On/Off Pressure	40/60	35/55	N/A
Access Secured	Yes	Yes	Yes
Access Manhole	Yes	Yes	Yes
Tank Sample Tap Location	On tank	On tank	On tank
Date of Inspection	08/30/18	08/30/18	10/20/18
Date of Cleaning	08/30/18	08/30/18	10/20/18

Comments Inspection and cleaning due 8/2023

HIGH SERVICE PUMPS

Pump Number	1	2	3	4
Type	Centrifugal			
Make	Goulds	Goulds	Jacuzzi	Jacuzzi
Model	3656	3656	20DC4	20DC4
Capacity (gpm)	125	125	545	545
Motor HP	7.5	7.5	20	20
Date Installed	1999	1999	2001	2001

Comments _____

Comments _____

Chlorine Gas Use Requirements	YES	NO	Comments
Dual System	<input type="checkbox"/>	<input type="checkbox"/>	
Auto-switchover	<input type="checkbox"/>	<input type="checkbox"/>	
Alarms:			
Loss of Cl ₂ capability	<input type="checkbox"/>	<input type="checkbox"/>	
Loss of Cl ₂ residual	<input type="checkbox"/>	<input type="checkbox"/>	
Cl ₂ leak detection	<input type="checkbox"/>	<input type="checkbox"/>	
Scale	<input type="checkbox"/>	<input type="checkbox"/>	
Chained Cylinders	<input type="checkbox"/>	<input type="checkbox"/>	
Reserve Supply	<input type="checkbox"/>	<input type="checkbox"/>	
Adequate Air-pak	<input type="checkbox"/>	<input type="checkbox"/>	
Sign of Leaks	<input type="checkbox"/>	<input type="checkbox"/>	
Fresh Ammonia	<input type="checkbox"/>	<input type="checkbox"/>	
Ventilation	<input type="checkbox"/>	<input type="checkbox"/>	
Room Lighting	<input type="checkbox"/>	<input type="checkbox"/>	
Warning Signs	<input type="checkbox"/>	<input type="checkbox"/>	
Repair Kits	<input type="checkbox"/>	<input type="checkbox"/>	
Fitted Wrench	<input type="checkbox"/>	<input type="checkbox"/>	
Housing/Protection	<input type="checkbox"/>	<input type="checkbox"/>	

AERATION (Gases, Fe, & Mn Removal)

Type Spray Capacity 1,100 gpm
Aerator Condition Good
Visible Algae Growth No
Protective Screen Condition Good
Frequency of Cleaning As needed
Date Last Inspected/Cleaned 03/2021
Comments _____

DEFICIENCIES:

Areas of Concern	Rule	Corrective Action	Date Corrected	Significant Deficiency?
Missing check valve for well #2	62-555.320 (8)(b)2, 62-555.350(2)	Provide a check valve in the pump discharge piping. For well pumps, the check valve shall be located downstream of the raw water sampling tap if possible.	07/28/2022	Minor
Well pad contains cracks for well #2	62.555.350(2)	Repair the cracks and properly maintain	08/17/2022	Minor

MONITORING REMINDER:

- The consumer confidence report (CCR) must be delivered to consumers and the Department no later than July 1, 2023, and certification of delivery of the CCR must be submitted to the Department no later than August 10, 2023.
- Monitoring schedules are available on the Central District's FTP site: <https://floridadep.gov/central/cd-compliance-assurance/content/resources-drinking-water-facilities-and-operators-central>

COMMENTS:

- Contact FRWA (Florida Rural Water Association) at 850-668-2746, or frwa@frwa.net, for free technical assistance with your system. FRWA has extended benefits offered to members.
- Provide documentation that the finished-drinking-water meter has been calibrated at least every 5 years.
Checking the calibration of finished-drinking-water meters at treatment plants shall be performed in accordance with the equipment manufacturer's recommendations or in accordance with a written preventive maintenance program established by the supplier of water. [Rule 62-555.350(2), F.A.C.]
- Suppliers of water shall submit written notification to the Department before beginning work or alterations to the public water system. Each notification shall be submitted to the appropriate Department of Environmental Protection District Office or Approved County Health Department and shall include the following: a description of the scope, purpose, and location of the work or alterations; and assurance that the work or alterations will comply with applicable requirements listed in Rule 62-555.330, F.A.C. Suppliers of water may begin such work or alterations 14 days after providing notification to the Department unless they are advised by the Department that the notification is incomplete or that a construction permit is required.
- Suppliers of water shall telephone the SWO at 1-800-320-0519 immediately (i.e., within two hours) after discovery of any actual or suspected sabotage or security breach, or any suspicious incident, involving a public water system. [Rule 62-555.350(10)(a), F.A.C.]
- Suppliers of water shall telephone, and speak directly to a person at, the appropriate DEP District Office as soon as possible, but never later than noon of the next business day, in the event of any of the following emergency or abnormal operating conditions:
 - The occurrence of any abnormal color, odor, or taste in a public water system's raw or finished water;
 - The failure of a public water system to comply with applicable disinfection requirements; or
 - The breakdown of any water treatment or pumping facilities, or the break of any water main, in a public water system if the breakdown or break is expected to adversely affect finished-water quality, interrupt water service to 150 or more service connections or 350 or more people, interrupt water service to any one service connection for more than eight hours, or necessitate the issuance of a precautionary "boil water" notice in accordance with the Department of Health's "Guidelines for the Issuance of Precautionary Boil Water Notices" as adopted in Rule 62-555.335, F.A.C. [Rule 62-555.350(10)(b), F.A.C.]

COMMENTS (continued):

- Suppliers of water shall notify affected water customers in writing or via telephone, newspaper, radio, or television; and telephone, and speak directly to a person at, the appropriate DEP District Office by no later than the previous business day before taking PWS components out of operation for planned maintenance or repair work if the work is expected to adversely affect finished-water quality, interrupt water service to 150 or more service connections or 350 or more people, interrupt water service to any one service connection for more than eight hours, or necessitate the issuance of a precautionary "boil water" notice in accordance with the Department of Health's "Guidelines for the Issuance of Precautionary Boil Water Notices" as adopted in Rule 62-555.335, F.A.C. [Rule 62-555.350(10)(d), F.A.C.]
- Suppliers of water shall issue precautionary "boil water" notices as required or recommended in the Department of Health's "Guidelines for the Issuance of Precautionary Boil Water Notices" as adopted in Rule 62-555.335, F.A.C. [Rule 62-555.350(11), F.A.C.]



Inspector Signature

Carly Cogburn
Printed Name

Environmental Specialist
Title

August 24, 2022
Date

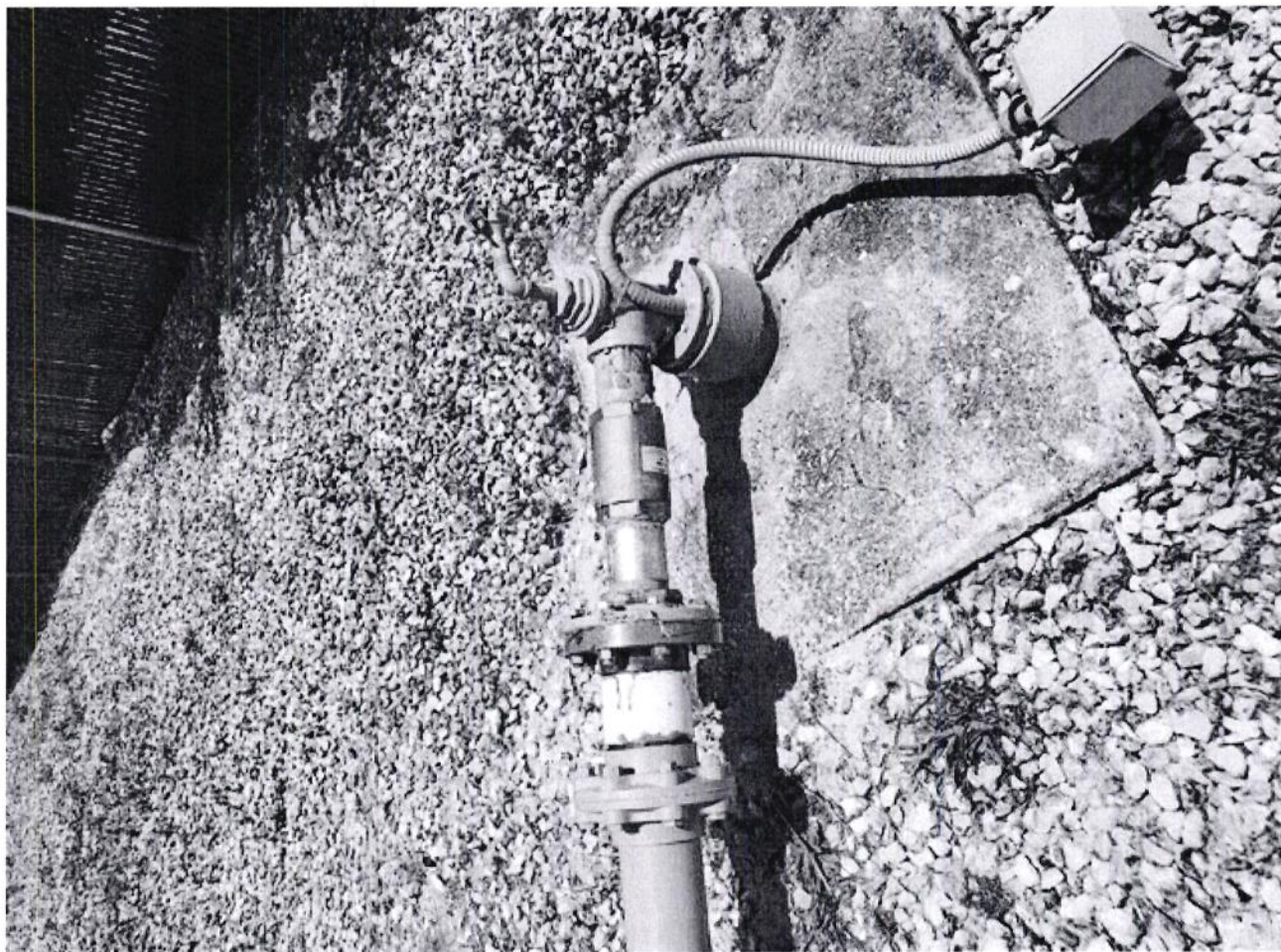


Reviewer Signature

Amada Fernandez
Printed Name

Environmental Manager
Title

August 25, 2022
Date



FW: DEP CEI - 08/29/2024, Lakeside Waterworks WWTF (FLA010521)

Melisa Rotteveel

Thu 8/29/2024 3:51 PM

To: Sharon Purviance <spurviance@uswatercorp.net>;

Cc: Selina Makofsky <smakofsky@uswatercorp.net>;

From: Waste Water <wastewater@uswatercorp.net>

Sent: Thursday, August 29, 2024 3:17 PM

To: Melisa Rotteveel <mrotteveel@uswatercorp.net>; Joanne Rhoads <jrhoads@uswatercorp.net>; Karen Millet <kmillet@uswatercorp.net>; Tonya Luning <tluning@uswatercorp.net>; Selina Makofsky <smakofsky@uswatercorp.net>

Subject: FW: DEP CEI - 08/29/2024, Lakeside Waterworks WWTF (FLA010521)

From: Reyes, Ismael

Sent: Thursday, August 29, 2024 3:16:21 PM (UTC-05:00) Eastern Time (US & Canada)

To: Waste Water; Melisa Rotteveel; Tonya Luning

Cc: Gary Deremer; James Pirtle

Subject: RE: DEP CEI - 08/29/2024, Lakeside Waterworks WWTF (FLA010521)

****CAUTION:** This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe. **

Good afternoon,

A compliance evaluation inspection was conducted on 08/29/24 at Lakeside Waterworks WWTF (FLA010521). The following deficiencies were observed following inspection and file review:

DMR Exceedances:

Facility ID	Facility Name	Facility Type	County	Monitoring Group	Date	Monitoring Location	Parameter	Description	Result Qualifier	Result	Limit	Units	Statistical Base
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	7/31/2024	EFA-1	P 74055	Coliform, Fecal		3335.8	200.0	#/100mL	AB - Annual Average
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	6/30/2024	EFA-1	P 74055	Coliform, Fecal		3338.3	200.0	#/100mL	AB - Annual Average
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	5/31/2024	EFA-1	P 74055	Coliform, Fecal		3538.2	200.0	#/100mL	AB - Annual Average
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	4/30/2024	EFA-1	P 74055	Coliform, Fecal		3542	200.0	#/100mL	AB - Annual Average
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	3/31/2024	FLW-2	P 50050	Flow		0.014	0.013	MGD	QR - 3-Mon Rolling Average
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	3/31/2024	EFA-1	P 74055	Coliform, Fecal		3541.9	200.0	#/100mL	AB - Annual Average

FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	2/29/2024	FLW-2	P 50050	Flow		0.014	0.013	MGD	QR - 3-Mon Rolling Average
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	2/29/2024	EFA-1	P 74055	Coliform, Fecal		3580.2	200.0	#/100mL	AB - Annu: Average
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	1/31/2024	FLW-2	P 50050	Flow		0.014	0.013	MGD	QR - 3-Mon Rolling Average
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	1/31/2024	EFA-1	P 74055	Coliform, Fecal		3583	200.0	#/100mL	AB - Annu: Average
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	12/31/2023	EFA-1	P 74055	Coliform, Fecal		3783	200.0	#/100mL	AB - Annu: Average
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	11/30/2023	EFA-1	P 74055	Coliform, Fecal		3822.1	200.0	#/100mL	AB - Annu: Average
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	11/30/2023	EFA-1	P 74055	Coliform, Fecal		20000	200.0	#/100mL	MM - Month Geometric Mean
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	11/30/2023	EFA-1	P 74055	Coliform, Fecal		20000	400.0	#/100mL	9A - 90th Percentile
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	11/30/2023	EFA-1	P 74055	Coliform, Fecal		20000	800.0	#/100mL	MB - Maxim
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	10/31/2023	EFA-1	P 74055	Coliform, Fecal		2155.5	200.0	#/100mL	AB - Annu: Average
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	10/31/2023	EFA-1	P 74055	Coliform, Fecal		20000	400.0	#/100mL	9A - 90th Percentile
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	10/31/2023	EFA-1	P 74055	Coliform, Fecal		20000	800.0	#/100mL	MB - Maxim
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	10/31/2023	EFA-1	P 74055	Coliform, Fecal		20000	200.0	#/100mL	MM - Month Geometric Mean
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	9/30/2023	EFA-1	P 74055	Coliform, Fecal		488.8	200.0	#/100mL	AB - Annu: Average
FLA010521	Lakeside Waterworks WWTF	DW	LAKE	R-002	8/31/2023	EFA-1	P 74055	Coliform, Fecal		488.8	200.0	#/100mL	AB - Annu: Average

- Ensure that the plant is operated so as to minimize the occurrence of permit limit exceedances.

Physical Deficiency:

- Vegetation is overgrown in the RIB: Allow for the area to dry as needed and ensure that the overgrown vegetation is cleared. Submit photos via email once complete.

Please respond with a proposed plan of corrective action by **9/12/24**. Feel free to reach out to me with any questions or concerns.

Best,



Ismael E. Reyes

Compliance Assurance Program
Environmental Specialist
Florida Department of Environmental
Protection
Central District
ismael.reyes@FloridaDEP.gov
Office: 407-897-4337

From: Reyes, Ismael

Sent: Monday, August 26, 2024 4:20 PM

To: wastewater@uswatercorp.net; Melisa Rotteveel <mrotteveel@uswatercorp.net>; Tonya Luning <tluning@uswatercorp.net>

Cc: gderemer@uswatercorp.net

Subject: DEP CEI - 08/29/2024, Lakeside Waterworks WWTF (FLA010521)

Good afternoon,

A compliance evaluation inspection has been scheduled for 08/29/24 at Lakeside Waterworks WWTF (FLA010521). The inspection will involve a facility walk through and a file review. Please have the following files readily available for review during the inspection:

- Current permit
- Lab certification
- Flow meter calibrations
- RPZ certification
- DMRs for the last 12 months
- Operator certifications
- O & M Manual
- Operator logbook
- Collection System O&M Manual
- Sanitary Sewer Overflow Response Plan (SSORP)
- Biosolids hauling receipts

I plan to arrive between the timeframe of 9:00 AM – 9:30 AM. Please let me know who I should expect to meet in the field! Feel free to contact me if any questions or concerns arise.

Respectfully,



Ismael E. Reyes

Compliance Assurance Program
Environmental Specialist
Florida Department of Environmental Protection
Central District
ismael.reyes@FloridaDEP.gov
Office: 407-897-4337



PUBLIC WATER SYSTEM INFORMATION (to be completed by sampler – please type or print legibly)

System Name: Shangri La by the Lake PWS I.D. #: 335-4028

System Type (check one): ☒ Community ☐ Nontransient Noncommunity ☐ Transient Noncommunity

Address: 100 Shangri La Blvd

City: Leesburg ZIP Code: 34788

Phone # 866-753-8292 Fax #: 727-849-4219 E-Mail Address: mrotteveel@uswatercorp.net

SAMPLE INFORMATION (to be completed by sampler)

Sample Number: A2403133001 Sample Date: 3/19/24 Sample Time: 0930 ☒ AM ☐ PM (Circle One)

Sample Location (be specific): POE Location Code: _____

Disinfectant Residual (Required when reporting results for trihalomethanes and haloacetic acids): 1.2 mg/L Field pH: 8.5

Sample Type (Check Only One)

- ☐ Distribution
☒ Entry Point (to Distribution)
☐ Plant Tap (not for compliance with 62-550)
☐ Raw (at well or intake)
☐ Max Residence Time
☐ Ave Residence Time
☐ Near First Customer

Reason(s) for Sample (Check all that apply)

- ☒ Routine Compliance with 62-550 ☐ Replacement (of Invalidated Sample)
☐ Confirmation of MCL Exceedance* ☐ Special (not for compliance with 62-550)
☐ Composite of Multiple Sites** ☐ Clearance (permitting)
☐ Other: _____

Sampling Procedure Used or Other Comments:

Primary's/Secondary's/Vocs/Rads

*See 62-550.500(6) for requirements and restrictions.
And 62-550.512(3) for nitrate or nitrite exceedances.

**See 62-550.550(4) for requirements and
attach a results page for each site.

SAMPLER CERTIFICATION

I, Curtis Carter, _____ Operator _____, do HEREBY CERTIFY
(Print Name) (Print Title)

that the above public water system and sample collection information is complete and correct.

Signature: Curt Carter Date: 3/19/24

Certified Operator # 62507 Phone #: 866-753-8292 Sampler's Fax #: 727-849-4219

Sampler's E-mail: MRotteveel@USWaterCorp.Net

Florida Department of Environmental Protection
Safe Drinking Water Program Laboratory Reporting Format

LABORATORY CERTIFICATION INFORMATION(to be completed by lab – please type or print legibly)

Lab Name: Advanced Environmental Laboratories, Inc. Florida DOH Certification #: E53076 Certification Expiration Date: 06/30/2024

ATTACH CURRENT DOH ANALYTE SHEET*

Address: 380 Northlake Blvd., Suite 1048, Altamonte Springs, FL 32701

Phone #: (407) 937-1594

Were any analyses subcontracted ☒ Yes ☐ No If yes, please provide DOH certification number(s): E84589,E82535,E82001,E82574

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB

ANALYSIS INFORMATION (to be completed by lab) Date Sample(s) Received: 03/19/2024

PWS ID: (From Page 1): 3354028 Sample Number (From Page 1): A2403133001 Lab Assigned Report # Or Job ID: A2403133

Group(s) Analyzed & Results attached for compliance with Chapter 62-550, F.A.C. (Check all that apply):

Inorganics

- ☒ All except Asbestos
☐ Partial
☒ Nitrate
☒ Nitrite
☐ Asbestos

Synthetic Organics

- ☐ All 30
☐ All Except Dioxin
☐ Partial
☐ Dioxin Only

Volatile Organics

- ☒ All 21
☐ Partial

Disinfection Byproducts

- ☐ Trihalomethanes
☐ Haloacetic Acids
☐ Chlorite
☐ Bromate

Radionuclides

- ☒ Single Sample
☐ Qtrly Composite*

Secondaries

- ☒ All 14
☐ Partial

LAB CERTIFICATION

I, Brandon O'Hara, Laboratory Manager, do HEREBY CERTIFY
(Print Name) (Print Title)

that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature: Brandon O'Hara Date: 04/18/2024

- * Failure to provide a valid and current Florida DOH lab certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report, possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.
** Please provide radiological sample dates & locations for each quarter.

CONFIRMATION & NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE OR NITRITE MCL EXCEEDANCES

NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH "U" QUALIFIER. (Non-detects reported as "BDL" or with a "<" are not acceptable.)

COMPLIANCE DETERMINATION(to be completed by DEP or DOH – attach notes as necessary)

Sample Collection & Analysis Satisfactory: ☐ Yes ☐ No Replacement Sample or Report Requested (circle or highlight group(s) above)

Person Notified: _____ Date Notified: _____ DEP/DOH Reviewing Official: _____

Florida Department of Environmental Protection
Safe Drinking Water Program Laboratory Reporting Format

SECONDARY CONTAMINANTS
62-550.320

Report Number / Job ID: A2403133001

PWS ID (From Page 1): 3354028

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier*	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Certification #
1002	Aluminum	0.2	mg/L	0.024	U	EPA 200.7	0.024	03/29/2024	16:28	E82535
1017	Chloride	250	mg/L	12		EPA 300.0	0.039	03/20/2024	17:42	E53076
1022	Copper	1	mg/L	0.0050	U	EPA 200.7	0.0050	03/29/2024	16:28	E82535
1025	Fluoride	2	mg/L	0.14		EPA 300.0	0.0099	03/20/2024	17:42	E53076
1028	Iron	0.3	mg/L	0.038	U	EPA 200.7	0.038	03/29/2024	16:28	E82535
1032	Manganese	0.05	mg/L	0.0050	U	EPA 200.7	0.0050	03/29/2024	16:28	E82535
1050	Silver	0.1	mg/L	0.00050	U	EPA 200.8	0.00050	03/21/2024	13:39	E82574
1055	Sulfate	250	mg/L	16		EPA 300.0	0.034	03/20/2024	17:42	E53076
1095	Zinc	5	mg/L	0.050	U	EPA 200.7	0.050	03/29/2024	16:28	E82535
1905	Color	15	CU	9.1	I	SM 2120 B	5.0	03/21/2024	09:08	E53076
1920	Odor	3	TON	1.0	U	SM 2150 B	1.0	03/20/2024	09:01	E53076
1925	pH (field pH from page 1)	6.5 - 8.5		5.97	Q	SM 4500H+B		03/22/2024	14:44	E53076
1930	Total Dissolved Solids	500	mg/L	180	J	SM 2540 C	10	03/20/2024	14:45	E53076
2905	Foaming Agents	0.5	mg/L	0.077	I	SM 5540 C	0.040	03/20/2024	09:00	E82001