



# 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

January 25, 2022

Ana Orge, President  
Colina Bay Homeowners Association  
16734 Caravaggio Loop  
Montverde, FL 34756  
[Ana.ColinaBayHOA@gmail.com](mailto:Ana.ColinaBayHOA@gmail.com)

Re: Colina Bay  
PW Facility ID #3354969  
Lake County

Dear Ms. Orge:

Department personnel conducted an inspection of the above-referenced facility on November 18, 2021. Based on the information provided during 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.

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 Talia Ayala at 407-897-4307 or via e-mail at [Talia.Ayala@FloridaDEP.gov](mailto:Talia.Ayala@FloridaDEP.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Viviana Useche".

Viviana Useche, Manager  
Central District  
Florida Department of Environmental Protection

Enclosure: Inspection Report

cc: Talia Ayala, FDEP  
[generalutilities@aol.com](mailto:generalutilities@aol.com);

State of Florida  
Department of Environmental Protection  
Central District  
**SANITARY SURVEY REPORT**

Plant Name COLINA BAY County Lake PWS ID # 3354969  
Plant Location Caravaggio Loop, Montverde, FL 34756 Phone 877-275-6374  
Owner Name Colina Bay Homeowners Association, Attn: Ana Orge Phone 954-448-6743  
Owner Address 16836 Caravaggio Loop, Montverde, FL 34756  
Contact Person Tania Thollebeke Title Treasurer Phone 352-678-8844  
This Survey Date 11/18/21 Last Survey Date 11/15/18 Last Compliance Inspection Date 8/13/14

PWS TYPE: Community

PLANT CATEGORY & CLASS: 5D

MAX-DAY DESIGN CAPACITY: 115,000 gpd

PWS STATUS: Approved

**TREATMENT PROCESSES IN USE**

Hypochlorination

**SERVICE AREA CHARACTERISTICS**

Subdivision \_\_\_\_\_

Food Service:  Yes  No  N/A

Number of Service Connections 75

Population Served 175 Basis MOR

**OPERATION & MAINTENANCE LOG: Yes**

Location Water Treatment Plant

Comments \_\_\_\_\_

**CERTIFIED OPERATOR: Yes**

Operator(s) & Certification Class-Number:  
Donald Harris A-14540

Hrs/day: Required          \*Visit          Actual          \*Visit         

Days/wk: Required 3 Actual 3

Non-consecutive Days?  Yes  No  N/A

Comments \*Visits must total 0.3 hr/week.

**MONTHLY OPERATION REPORTS (MORs)**

MORs submitted regularly?  Yes  No  N/A

Data missing from MORs?  No  Yes  N/A

Average Day (from MORs) 28,631 gpd

Maximum Day (from MORs) 280,000 gpd 9/21

Comments \_\_\_\_\_

Flow Measuring Device Flow Meter

Meter Size & Type 12" Water Specialties

Date Last Calibrated 8/3/21

**RAW WATER SOURCE**

GROUND; Number of Wells 1

PURCHASED from PWS ID # \_\_\_\_\_

Emergency Water Source \_\_\_\_\_

Emergency Water Capacity \_\_\_\_\_

**STANDBY POWER SOURCE: Not Required**

Source Cummins

Capacity of Standby (kW) Unknown

Switchover:  Automatic  Manual

Hrs Operated Under Load \_\_\_\_\_

What equipment does it operate?

Well Pumps All

High Service Pumps \_\_\_\_\_

Treatment Equipment All

Satisfy avg. daily demand?  Yes  No  Unknown

Audio-visual alarm?  Yes  No

Comments Standby Power Source is not required.

**PLANS AND MAPS**

Coliform Sampling Plan  Yes  No  N/A

D/DBP Monitoring Plan  Yes  No  N/A

Lead and Copper Plan  Yes  No  N/A

Distribution System Map  Yes  No  N/A

Emergency Response Plan  Yes  No  N/A

Comments \_\_\_\_\_

**PREVENTIVE MAINTENANCE/O&M**

Operation & Maintenance Manual  Yes  No

Preventive Maintenance Program  Yes  No  N/A

Flushing Program  Yes  No  N/A

Records  Yes  No  N/A

Isolation Valve Exercise  Yes  No  N/A

Records  Yes  No  N/A

Comments \_\_\_\_\_

**CROSS CONNECTION CONTROL**

# BFPAs None noted # Tested N/A

WWTP RPZ N/A Date Tested N/A

Written Plan Yes Date 9/2013

Comments \_\_\_\_\_

**GROUND WATER SOURCE**

Well Number (Florida Unique Well ID #)	1			
Year Drilled	2006			
Depth Drilled	Unknown			
Drilling Method	Cable Tool			
Type of Grout	Unknown			
Static Water Level	Unknown			
Pumping Water Level	Unknown			
Design Well Yield	1,100			
Test Yield	Unknown			
Actual Yield (if different than rated capacity)	Unknown			
Strainer	Unknown			
Length (outside casing)	136'			
Diameter (outside casing)	18"			
Material (outside casing)	Black steel			
Well Contamination History	None			
Is inundation of well possible?	No			
6' X 6' X 4" Concrete Pad	Yes			
SET BACKS	Septic Tank	>100'		
	Reuse Water	N/A		
	WW Plumbing	>100'		
	Other Sanitary Hazard	None observed		
PUMP	Type	Vertical turbine		
	Manufacturer Name	Worldwide		
	Model Number	VHS100-18-460-404		
	Rated Capacity (gpm)	Unknown		
	Motor Horsepower	100		
Well casing 12" above grade?	Yes			
Well Casing Sanitary Seal	OK			
Raw Water Sampling Tap	Yes			
Above Ground Check Valve	Yes			
Security	Yes			
Well Vent Protection	Yes			

**COMMENTS** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**CHLORINATION (Disinfection)**

Type:  Gas  Hypo  
 Make Iwaki Capacity 12 gpd  
 Chlorine Feed Rate 14% stroke  
 Avg. Amount of Cl<sub>2</sub> gas used N/A  
 Chlorine Residuals: Plant 0.38 Remote 1.11  
 Remote tap location 1653 Caravaggio Loop  
 DPD Test Kit:  On-site  With operator  
 None  Not Used Daily  
 Injection Points Prior to hydropneumatic tank  
 Booster Pump Info N/A  
 Comments \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**STORAGE FACILITIES**

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

Tank Type/Number	H
Capacity (gal)	15,000
Material	Steel
Gravity Drain	Yes
By-Pass Piping	Yes
Protected Openings	Yes
Sight Glass or Level Indicator	Yes
PRV/ARV	PRV
Pressure Gauge	Yes
On/Off Pressure	40/60
Access Secured	Yes
Access Manhole	Yes
Tank Sample Tap Location	On tank
Date of Inspection	1/25/21
Date of Cleaning	1/25/21

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 <sub>2</sub> capability	<input type="checkbox"/>	<input type="checkbox"/>	
Loss of Cl <sub>2</sub> residual	<input type="checkbox"/>	<input type="checkbox"/>	
Cl <sub>2</sub> 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"/>	

**HIGH SERVICE PUMPS**

Pump Number			
Type			
Make			
Model			
Capacity (gpm)			
Motor HP			
Date Installed			

Comments \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

Type \_\_\_\_\_ Capacity \_\_\_\_\_  
 Aerator Condition \_\_\_\_\_  
 Visible Algae Growth \_\_\_\_\_  
 Protective Screen Condition \_\_\_\_\_  
 Frequency of Cleaning \_\_\_\_\_  
 Date Last Inspected/Cleaned \_\_\_\_\_  
 Comments \_\_\_\_\_  
 \_\_\_\_\_

**DEFICIENCIES:**

- No deficiencies noted during this inspection.

**MONITORING REMINDER:**

- Nitrate and nitrite samples are required to be collected from the point of entry (POE) to the distribution system annually. The 2022 results have not been received.
- The consumer confidence report (CCR) must be delivered to consumers and the Department no later than July 1, 2022, and certification of delivery of the CCR must be submitted to the Department no later than August 10, 2022.

**COMMENTS:**

- Contact FRWA (Florida Rural Water Association) at 850-668-2746, or [frwa@frwa.net](mailto: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.]
- 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*

Talia Ayala

*Printed Name*

Environmental Specialist

*Title*

1/25/22

*Date*



\_\_\_\_\_  
*Reviewer Signature*

Viviana Useche

*Printed Name*

Environmental Manager

*Title*

1/25/22

*Date*