



FLORIDA DEPARTMENT OF Environmental Protection

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

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

December 5, 2018

Paul Dawson, President
Colina Recovery, Inc.,
16836 Caravaggio Loop
Montverde, FL 34756
colinabayhoa@aol.com

Re: Colina Recovery, Inc.
PW Facility ID #3354969
Lake County

Dear Mr. Dawson:

Department personnel conducted an inspection of the above-referenced facility on November 15, 2018. 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.

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 Mackenzie Black at 407-897-4184 or via e-mail at Mackenzie.Black@floridadep.gov.

Sincerely,

David Smicherko

David Smicherko, Manager
Central District
Florida Department of Environmental Protection

Enclosure: Inspection Report

Cc: Mackenzie Black Mackenzie.Black@floridadep.gov
David Smicherko David.Smicherko@floridadep.gov
Grant Foster GFoster@uswatercorp.net

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 President – Colina Recovery Inc. Phone 407-900-0325
Owner Address 16836 Caravaggio Loop, Montverde, FL 34756
Contact Person Paul Dawson Title President – HOA Contact Phone 407-900-0325
This Survey Date 11/15/18 Last Survey Date 8/2/16 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 WTP

Comments _____

CERTIFIED OPERATOR: Yes

Operator(s) & Certification Class-Number:

Trevor Powell C-17573

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) 16,596 gpd

Maximum Day (from MORs) 26,500 gpd 4/18

Comments _____

Flow Measuring Device Flow Meter

Meter Size & Type 12" Water Specialties

Date Last Calibrated 11/1/18

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 Pulsafeeder Capacity 76 gpd
 Chlorine Feed Rate 95% Stroke
 Avg. Amount of Cl₂ gas used N/A
 Chlorine Residuals: Plant 0.20 Remote 0.00*
 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 _____
 Comments *Operator adjusted chlorinator while on site. Residual was restored to 0.5 mg/L per Trevor Powell on 11/15/18.

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	10/2013
Date of Cleaning	10/2013

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"/>	

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:

Areas of Concern	Rule	Corrective Action	Date Corrected	Significant Deficiency?
Finished drinking water tank(s) has been inspected by a licensed engineer but not within the required 5-year time period.	62.555.350(2)	Have future tank inspections completed at least once every 5 years.	Tank inspection scheduled for second week of December 2018 per email from Grant Foster	No

MONITORING REMINDER:

- Nitrate and nitrite samples are required to be collected from the point of entry (POE) to the distribution system annually. The 2018 results have been received.
- The consumer confidence report (CCR) must be delivered to consumers and the Department no later than July 1, 2019, and certification of delivery of the CCR must be submitted to the Department no later than August 10, 2019.
- 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.]

- 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.]

Mackenzie Black

Inspector Signature

Mackenzie Black

Printed Name

Environmental Specialist

Title

12/3/18

Date

David Smicherko

Reviewer Signature

David Smicherko

Printed Name

Environmental Manager

Title

12/4/2018

Date