MONTHLY OPERATION REPORT FOR PWSs TREATING RAW GROUND WATER OR PURCHASED FINISHED WATER

See page 4 for instructions.

I. General Information for the Month/Year of: December 2020 966 - 6

A. Public Water System (PWS) Information

PWS Name: Colina Bay Homeowners Association Inc.			PWS Identification Number: 335-4969
PWS Type: [X] Community [ ] Non-Transient Non-Community [ ] Transient Non-Community			☐ Consecutive
Number of Service Connections at End of Month: 75	Total Population Served at End of Month: 175		
PWS Owner: Colina Bay Homeowners Assoc			
Contact Person: Joshua Jeppeson	Contact Person's Title: President		
Contact Person's Mailing Address: 882 Jackson Avenue	City: Winter Park	State: FL	Zip Code: 32789
Contact Person's Telephone Number: 352-504-8595	Contact Person's Fax Number:		
Contact Person's E-Mail Address: joshuajeppesen@yahoo.com			

B. Water Treatment Plant Information

Plant Name: Colina Bay Homeowners Association Inc. WTP		Plant Telephone Number: 352-504-8595	
Plant Address: Caravaggio Loop	City: Montverde	State: FL	Zip Code: 34756
Type of Water Treated by Plant: [X] Raw Ground ☐ Purchased Finished Water			
Permitted Maximum Day Operating Capacity of Plant, gallons per day: 115000			
Plant Category (per subsection 62-699.310(4), F.A.C.): D	Plant Class (per subsection 62-699.310(4), F.A.C.): V		

Licensed Operators	Name	License Class	License Number	Day(s)/Shift(s) Worked
Lead/Chief Operator:	Trevor Powell	C	17573	3 days per week
Other Operators:	Nathan (Grant) Foster	C	17629	

II. Certification by Lead/Chief Operator

I, the undersigned water treatment plant operator licensed in Florida, am the lead/chief operator of the water treatment plant identified in Part I of this report. I certify that the information provided in this report is true and accurate to the best of my knowledge and belief. I certify that all drinking water treatment chemicals used at this plant conform to NSF International Standard 60 or other applicable standards referenced in subsection 62-555.320(3), F.A.C. I also certify that the following additional operations records for this plant were prepared each day that a licensed operator staffed or visited this plant during the month indicated above: (1) records of amounts of chemicals used and chemical feed rates; and (2) if applicable, appropriate treatment process performance records. Furthermore, I agree to provide these additional operations records to the PWS owner so the PWS owner can retain them, together with copies of this report, at a convenient location for at least ten years.

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Trevor Powell 01/06/2021	Trevor Powell		C- 17573
Signature and Date	Printed or Typed Name		License Number

PWS Identification Number: 335-4969	Plant Name: Colina Bay Homeowners Association Inc. WTP

IV. Summary of Use of Polymer Containing Acrylamide, Polymer Containing Epichlorohydrin, and Iron or Manganese Sequestrant for the Year: *

A. Is any polymer containing the monomer acrylamide used at the water treatment plant? [X] No [ ] Yes, and the polymer dose and the acrylamide level in the polymer are as follows:

Polymer Dose, ppm =	Acrylamide Level, %† =

B. Is any polymer containing the monomer epichlorohydrin used at the water treatment plant? [X] No [ ] Yes,and the polymer dose and the epichlorohydrin level in the polymer are as follows:

Polymer Dose, ppm =	Epichlorohydrin Level, %† =

C. Is any iron or manganese sequestrant used at the water treatment plant? [X] No [ ] Yes,and the type of sequestrant, sequestrant dose, etc., are as follows:

Type of Sequestrant (polyphosphate or sodium silicate):
Sequestrant Dose, mg/L of phosphate as PO_4 or mg/L of silicate as SiO_2 =
If sodium silicate is used, the amount of added plus naturally occurring silicate, in mg/L as SiO_2 =

* *Complete and submit Part IV of this report only with the monthly operation report for December of each year and only for water treatment plants using polymer containing acrylamide, polymer containing epichlorohydrin, and/or an iron and manganese sequestrant.*

† *Acrylamide and epichlorohydrin levels may be based on the polymer manufacturer's certification or on third-party certification.*

PWS Identification Number: 335-4969
Plant Name: Colina Bay

III. Daily Data for the Month/Year of: **December-20**

Means of Achieving Four-Log Virus Inactivation/Removal: * x Free Chlorine Chlorine Dioxide Ozone Combined Chlorine
Ultraviolet Radiation Other (Describe):

Type of Disinfectant Residual Maintained in Distribution System: X Free Chlorine Combined Chlorine (Chloramines) Chlorine Dioxide

Day of the Month	Days Plant Staffed or visited by operator Place "X"	Hours Plant in Operation	Net Quantity of Finished Water Produced, gal	CT Calculations, or UV Dose, to Demonstrate Four-Log Virus Inactivation, if Applicable*									Lowest Residual Disinfectant Concentration at Remote Point in Distribution System, mg/L	Emergency or Abnormal Operating Conditions; Repair or Maintenance Work that Involves Taking Water System Components Out of Operation
				CT Calculations							UV Dose			
				Peak Flow Rate, gpd	Lowest Residual Disinfectant Concentration (C) Before or at First Customer During Peak Flow, mg/L	Disinfectant Contact Time (T) at C Measurement Point During Peak Flow, minutes	Lowest CT Provided Before or at First Customer During Peak Flow, mg-min/L	Temp. of Water, °C	pH of Water, if Applicable	Minimum CT Required, mg-min/L	Lowest Operating UV Dose, mW-sec/cm^2	Minimum UV Dose Required, mW-sec/cm^2		
1		24	15,500											
2	x	24	15,000		1.20								0.80	
3		24	15,000											
4	x	24	20,000		1.10								0.70	
5		24	20,000											
6		24	20,000											
7	x	24	15,000		1.00								0.60	
8		24	15,000											
9	x	24	36,000		1.20								0.80	
10		24	36,000											
11	x	24	20,667		1.10								0.70	
12		24	20,667											
13		24	20,667											
14	x	24	33,000		1.00								0.60	
15		24	33,000											
16	x	24	23,000		0.80								0.50	
17		24	23,000											
18	x	24	8,000		0.90								0.50	
19		24	8,000											
20	x	24	32,500		1.10								0.90	
21		24	32,500											
22	x	24	15,500		1.00								0.80	
23		24	15,500											
24	x	24	17,000		1.10								0.80	
25		24	17,000											
26		24	17,000											
27		24	17,000											
28	x	24	25,000		1.00								0.80	
29		24	25,000											
30	x	24	11,500		1.30								0.90	
31		24	11,500											
Total			634,501											
Average			20,468											
Maximum			36,000											