



FLORIDA DEPARTMENT OF Environmental Protection

CENTRAL DISTRICT OFFICE
3319 MAGUIRE BLVD., SUITE 232
ORLANDO, FLORIDA 32803

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

July 8, 2020

Patrick Flynn, Director
Utilities Inc. of Florida
200 Weathersfield Ave.
Altamonte Springs, FL 32714
pcflyn@uiwater.com

Re: Compliance Assistance Offer
Golden Hills Golf & Turf WTP
PW Facility ID #6424076
Marion County

Dear Mr. Flynn:

An inspection was conducted at your system on May 29, 2020, under the authority of Section 403.091, Florida Statutes (F.S.). During this inspection, potential non-compliance was noted. The purpose of this letter is to offer compliance assistance as a means of resolving these matters.

Specifically, potential non-compliance with the requirements of Chapter 403, Florida Statutes, and Chapter 62-555, Florida Administrative Code, were observed. Please see the attached inspection report for a full account of Department observations and recommendations.

We request you review the items of concern noted and respond in writing within 15 days of receipt of this Compliance Assistance Offer. Your written response should include one of the following:

1. Describe what has been done to resolve the non-compliance issue or provide a schedule describing how/when the issue will be addressed (see "Deficiencies" section of the inspection report);
2. Provide the requested information, or information that mitigates the concerns or demonstrates them to be invalid, or
3. Arrange for the case manager to visit your facility to discuss the item(s) of concern.

It is the Department's desire that you are able to adequately address the aforementioned issues so that this matter can be closed. Your failure to respond promptly may result in the initiation of formal enforcement proceedings.

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Please address your response and any questions to Allen Rainey of the Central District Office at 407-897-2929 or via e-mail at allen.rainey@floridadep.gov. We look forward to your cooperation with this matter.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jill Farris".

Jill Farris, Manager
Central District
Florida Department of Environmental Protection

cc: Allen Rainey, Central District

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

Plant Name GOLDEN HILLS GOLF & TURF WTP County Marion PWS ID # 6424076
Plant Location 8021 NW 49th St. Rd., Ocala, FL 34475 Phone (407)869-1919
Owner Name Utilities Inc. of Florida Phone (407)869-6961
Owner Address 200 Weathersfield Ave., Altamonte Springs, FL 32714
Contact Person Patrick Flynn Title Director Phone (407)869-6961
This Survey Date 5/29/20 Last Survey Date 7/20/17 Last Compliance Inspection Date 4/18/11

PWS TYPE: Community

PLANT CATEGORY & CLASS: 5C

MAX-DAY DESIGN CAPACITY: 636,000 gpd

PWS STATUS: Approved

TREATMENT PROCESSES IN USE

Hypochlorination

SERVICE AREA CHARACTERISTICS

Subdivision

Food Service: Yes No N/A

Number of Service Connections 531

Population Served 1,859 Basis Operator

OPERATION & MAINTENANCE LOG: Yes

Location Water treatment plant

Comments _____

CERTIFIED OPERATOR: Yes

Operator(s) & Certification Class-Number:
Marlin Richardson C-17821

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

Days/wk: *Required* 5+1 *Actual* 5+1

Non-consecutive Days? Yes No N/A

Comments _____

MONTHLY OPERATION REPORTS (MORs)

MORs submitted regularly? Yes No N/A

Data missing from MORs? No Yes N/A

Average Day (from MORs) 152,145 gpd

Maximum Day (from MORs) 4,738,000 gpd 02/20

Comments See deficiencies for all four exceedances

Flow Measuring Device Flow Meter

Meter Size & Type 6" Water Specialties (POE 8")

Date Last Calibrated 3/24/17

RAW WATER SOURCE

GROUND; Number of Wells 2

PURCHASED from PWS ID # _____

Emergency Water Source _____

Emergency Water Capacity _____

STANDBY POWER SOURCE: Yes

Source Onan propane generator

Capacity of Standby (kW) 200

Switchover: Automatic Manual

Hrs Operated Under Load 1 hr/wk.

What equipment does it operate?

Well Pumps Both

High Service Pumps _____

Treatment Equipment All

Satisfy avg. daily demand? Yes No Unknown

Audio-visual alarm? Yes No

Comments _____

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 4 # Tested Unknown

WWTP RPZ Yes Date Tested 7/30/19

Written Plan Yes Date 12/19/14

Comments _____

GROUND WATER SOURCE

Well Number (Florida Unique Well ID #)	1 - AAC1406	2 - AAC1407		
Year Drilled	1973	1978		
Depth Drilled	260'	262'		
Drilling Method	Cable tool	Cable tool		
Type of Grout	Unknown	Unknown		
Static Water Level	135'	132'		
Pumping Water Level	Unknown	Unknown		
Design Well Yield	Unknown	Unknown		
Test Yield	Unknown	Unknown		
Actual Yield (if different than rated capacity)	350 gpm	459 gpm		
Strainer	Unknown	Unknown		
Length (outside casing)	127'	84'		
Diameter (outside casing)	8"	8"		
Material (outside casing)	Black steel	Black steel		
Well Contamination History	None	None		
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	>100'	>100'	
	Other Sanitary Hazard	None observed	None observed	
PUMP	Type	Vertical turbine	Vertical turbine	
	Manufacturer Name	Goulds	Goulds	
	Model Number	VIT	VIT	
	Rated Capacity (gpm)	290	450	
	Motor Horsepower	30	40	
Well casing 12" above grade?	Yes	Yes		
Well Casing Sanitary Seal	Yes	Yes		
Raw Water Sampling Tap	Yes	Yes		
Above Ground Check Valve	Leaking	Yes		
Security	Yes	Yes		
Well Vent Protection	Yes	Yes		

COMMENTS AAC1406 check valve has small leak.

CHLORINATION (Disinfection)

Type: Gas Hypo
 Make Stenner (X2) Capacity 40 gpd
 Chlorine Feed Rate 55% & 100% stroke
 Avg. Amount of Cl₂ gas used N/A
 Chlorine Residuals: Plant 1.50 Remote 1.10
 Remote tap location 7306 NW 44th Lane
 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)	10,000	
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	40/70	
Access Secured	Yes	
Access Manhole	Yes	
Tank Sample Tap Location	Discharge piping	
Date of Inspection	3/16	
Date of Cleaning	3/16	

Comments _____
Next inspection is due 3/21.

Chlorine Gas Use Requirements	Chlorine Gas Use		Comments
	YES	NO	
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?
Check valve leaking or not functioning properly (AAC1406).	62-555.350(2)	Repair or replace.		No
MOR indicates the max day capacity was exceeded (4,738,000 gpd in 02/2020, 3,870,000 gpd in 08/2019, 2,113,000 in 04/2019, & 3,892,000 in 08/2018 (respectively, exceeded by 745%, 608%, 332%, & 612%)	62-555.350(4)	Investigate the causes of the exceedances of the plant's permitted design capacity and provide a written response.		No

MONITORING REMINDER:

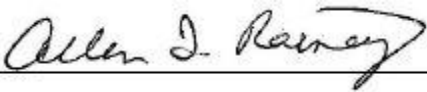
- Nitrate and nitrite samples are required to be collected from the point of entry (POE) to the distribution system annually. The Department has no record of receiving the results for 2020.
- The consumer confidence report (CCR) must be delivered to consumers and the Department no later than July 1, 2020, and certification of delivery of the CCR must be submitted to the Department no later than August 10, 2020.
- Monitoring schedules are available on the Central District's FTP site: <https://floridadep.gov/central/cd-compliance-assurance/documents/2020-drinking-water-monitoring-schedules-all-systems>. Instructions: <https://floridadep.gov/central/cd-compliance-assurance/documents/how-interpret-pws-monitoring-schedules>

COMMENTS:

- Department staff used colorimeter #3.
- 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.]



Inspector Signature

Allen Rainey

Printed Name

Environmental Specialist III

Title

6/2/20

Date



Reviewer Signature

Jill Farris

Printed Name

Environmental Manager

Title

7/8/20

Date