

EXHIBIT NO. 169

CASE NO. 2/28/95 State of Florida Department of Environmental Protection Central District

FLD 01 1770

DX-3/9/95 96-04227

WATER TREATMENT PLANT COMPLIANCE INSPECTION REPORT

Plant name FERN PARK S/D County SEMINOLE PWS ID 3590368
Address 129 E. LAURENCEY + HAMMON DR. FERN PARK Phone 797/880-0100
Owner name SSU - ITMC Contact LYN CHLDER
Owner address 1000 OCEAN BLVD. APOKA, FL Phone 407/880-6100
This inspection date 3-1-95 Last C.I. date 2-11-94 Last survey date 1-27-93
PWS Type: X Community Non-Transient Non-Community Non-Community
Service area characteristics SUBDIVISION No. of service connections 270
Food service? Yes No Served population

OPERATION & MAINTENANCE 5x/wk and
Certified operator: Yes No N/A
Operator & certification class number: JIM PHISON C-4354
O&M log: X yes no

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

Table with columns for Tank type, Capacity, Gravity drain, By-pass piping, Pressure gauge, On/Off pressure, Sight glass, Fittings for sight glass, Air release valve, Pressure relief valve, Access padlocked. Includes handwritten values like 5000, 16,000, YES, etc.

WELL
Number of wells 1 Standby well?
Auxiliary power.. yes no N/A
6' x 6' x 4" pad yes no
Sanitary seal..... OK
Raw water tap: yes no
not smooth nosed
Check valve..... yes no
Fence/housing.... yes no
Sanitary hazards SEPTIC TANK 75'

CHLORINATION
Chlorinator type: X Gas Hypo
Cl2 residual: Plant 1.4 Remote 0.5
DPD-type test kit..... yes no
Gas cylinder scale..... yes no
Gas cylinder chained..... yes no
Adequate air-pak..... yes no
Fresh ammonia solution.. yes no
Adequate ventilation..... yes no
Dual chlorination..... yes no
Auto-switchover..... yes no
Alarm ..... yes no

(H) NEW 2 WEEKS AGO.
DEFICIENCIES / COMMENTS

- 241 OBRIEN, Fern Park
1) AIR REGULATING VALVE NEEDS MESH SCREEN
2) GST - LEAKS NOTED. TO BE REPAIRED AFTER THIS INSPECTION (FOR OPERATOR)
3) MUST INSTALL HUBS BIRBS FROM VACUUM BREAKERS ON ALL EXTERIOR BRULETS.

AERATION: Type CASCADE
Condition SATISFACTORY
OTHER TREATMENT PROCESSES: NONE

OTHER
Flow measuring device: X meter elapsed time clock none
Backflow prevention devices: yes no
Cross-connections NONE OBSERVED

THE ABOVE 2" INTERCONNECT WILL BE REPLACED.

PLEASE CORRECT THE INDICATED DEFICIENCIES AND PROVIDE A WRITTEN STATEMENT TO THE DEPARTMENT NO LATER THAN 2-28-95 STATING THAT ALL LISTED DEFICIENCIES HAVE BEEN CORRECTED; FAILURE TO DO SO WILL RESULT IN THE TAKING OF APPROPRIATE ENFORCEMENT ACTION BY THE DEPARTMENT. Send your response to: Department of Environmental Protection, 3319 Maguire Blvd., Suite 232, Orlando, Florida 32803. Phone:(407)894-7555

Inspector [Signature] Title [Signature] Date 1/13/95
Received by James Johnson Title Plant Operator II Date 1/13/95

Form left: X on site with water plant operator with water purveyor

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET NO. 950495-WS EXHIBIT NO 169
COMPANY/ WITNESS: SSU / LAISURE
DATE: 4/29/96

DOCUMENT NUMBER-DATE Romy 02/15/94

02364 FEB 26 95

FPSC-RECORDS/REPORTING

**FERN PARK**

1. **Air release valve needs 20 mesh screen.**

**RESPONSE**

Air release valve has been covered with 20 mesh screen.

2. **Ground storage tank leaks noted to be repaired after the interconnect is completed.**

**RESPONSE**

New interconnect was placed in service on February 24, 1995. Materials to repair leaks in storage tank are being ordered. We expect repairs to be completed by April 28, 1995.

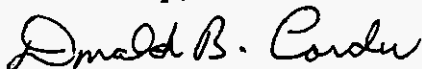
3. **Hose bibb vacuum breakers must be installed on all exterior outlets.**

**RESPONSE**

An initial customer survey was performed in 1993 on this system in accordance with SSU's approved cross connection control program. I have been informed that our backflow prevention technician expects to send out notifications to the customers, and follow-up inspections, enforcement and testing schedules will be made as specified in our backflow prevention policy on file with FDEP.

We trust the above corrective measures meet with your approval. Should you require any additional information, please do not hesitate to contact me.

Sincerely,



Donald B. Corder  
Area Supervisor

DBC/plb

PWS ID 3590368  
 Date JANUARY 27, 1993

**GROUND WATER SOURCE**

Well number	1						
Year drilled*	BEFORE 1958						
Depth drilled*	385'						
Drilling method*	UNKNOWN						
Type of grout*	UNKNOWN						
Static water level*	UNKNOWN						
Pumping water level*	UNKNOWN						
Design well yield*	UNKNOWN						
Test yield*	UNKNOWN						
Strainer*	UNKNOWN						
Length (outside casing)*	UNKNOWN						
Diameter (outside casing)	8"						
Material (outside casing)	G.I.						
Well contamination history	YES						
Is inundation of well possible?	NO						
6'x 6'x 4" concrete pad	YES						
SET	Septic tank	75'					
	Reuse water	No					
BACKS	WW plumbing	60'					
	other sanitary hazard	NONE					
PUMP	Type	VERTICAL TURBINE					
	Manufacturer name	DEMING					
	Model number	UNKNOWN					
	Rated capacity	300GPM					
	Motor HP	30 HP					
Well casing sanitary seal	YES						
Raw water sampling tap	YES						
Above ground check valve	YES						
Fence/housing	YES						
Well vent protection	YES						
Comments:		MOTOR FOR PUMP REPLACED. LINE INTRODUCED TO DISINFECT WELL ABOUT 2YRS BACK BECAUSE OF BAD BACTERIOLOGICAL RESULTS.					

\* Fill in only when there is no record on file.

State of Florida  
Department of Environmental Protection  
Central District

or 3111  
A follow up  may be  
MAY 15 1995.  
necessary —  be

### WATER TREATMENT PLANT COMPLIANCE INSPECTION REPORT

Plant name Lake Harriet Estates County Seminole PWS ID 359069  
Address Lynn Circuit Deltona Springs 32704 Phone 407-880-0058  
Owner name Southern States Utilities Contact Bob Carder  
Owner address 1000 Bob Place APOKA 32703 Phone 80-0100  
This inspection date 5-18-95 Last C.I. date 8-3-94 Last survey date 3-18-93  
PWS Type:  Community  Non-Transient Non-Community  Non-Community  
Service area characteristics Residential No. of service connections 295  
Food service?  Yes  No Served population 7032

#### OPERATION & MAINTENANCE

Certified operator:  Yes  No  N/A  
Operator & certification class number:  
Frank McCard C-7264  
O&M log:  yes  no

#### WELL

Number of wells 1 Standby well?  
Auxiliary power..  yes  no  N/A  
6' x 6' x 4" pad  yes  no  
Sanitary seal.....  OK   
Raw water tap:  yes  no  
 not smooth nosed  
Check valve.....  yes  no  
Fence/housing....  yes  no  
Sanitary hazards NONE OBSERVED

#### CHLORINATION

Chlorinator type:  Gas  Hypo 7105 LAKE Harriet Dr.  
Cl<sub>2</sub> residual: Plant 1.3 Remote 0.2  
DPD-type test kit.....  yes  no  
Gas cylinder scale... OK  yes  no  
Gas cylinder chained.....  yes  no  
Adequate air-pak.....  yes  no  
Fresh ammonia solution..  yes  no  
Adequate ventilation.....  yes  no  
Dual chlorination.....  yes  no  
Auto-switchover.....  yes  no  
Alarm .....  yes  no

AERATION: Type CASCADE  
Condition \_\_\_\_\_

#### OTHER TREATMENT PROCESSES:

NONE

#### OTHER

Flow measuring device:  
 meter  elapsed time clock  none  
Backflow prevention devices:  yes  no  
Cross-connections NONE

WTP on NE CNR of Lake Harriet.

PLEASE CORRECT THE INDICATED DEFICIENCIES AND PROVIDE A WRITTEN STATEMENT TO THE DEPARTMENT NO LATER THAN \_\_\_\_\_ STATING THAT ALL LISTED DEFICIENCIES HAVE BEEN CORRECTED; FAILURE TO DO SO WILL RESULT IN THE TAKING OF APPROPRIATE ENFORCEMENT ACTION BY THE DEPARTMENT. Send your response to: Department of Environmental Protection, 3219 Maguire Blvd., Suite 232, Orlando, Florida 32803. Phone:(407)894-7555

Inspector Royce Forcier Title ENVIRONMENTAL SPECIALIST Date 5/18/95  
Received by Frank McCard Title OPERATOR Date 5/18/95

Form left:  on site  with water plant operator  with water purveyor

#### STORAGE TANKS

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

Tank type	G	H		
Capacity	26715	5000		
Gravity drain	YES	YES		
By-pass piping	YES	YES		
Pressure gauge	—	YES		
On/Off pressure	—	50/65		
Sight glass	—	YES		
Fittings for sight glass	—	YES		
Air release valve	—	YES		
Pressure relief valve	—	—		
Access padlocked	YES	YES		

INTERCONNECT w/ AUTOMATIC PRING  
DEFICIENCIES / COMMENTS  
WTP SHUT DOWN COMPLETELY  
Operating off of interconnect - see  
SSD - letter dated 5/9/95.  
Repairs being made @ this time  
OST ROOF & AERATOR



Southern States Utilities • 1000 Color Place • Apopka, FL 32703 • 407/880-0058

June 7, 1995

Mr. Frank P. Huttner  
Florida Department of Environmental Protection  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767



Re: Southern States Utilities, Inc.  
Lake Harriett WTF - PWS ID # 3590699  
Aerator Trays

Dear Mr. Huttner:

Please be advised that Southern States Utilities is in the process of replacing the existing aerator trays at the Lake Harriett Water Treatment Facility with new aerator trays, as part of routine maintenance. Construction will consist of installing six (6) fiberglass aerator trays (1 level). The new aerator trays will have a flow capacity of 650 gpm and will be manufactured by CROM. A polyamide epoxy coating (Series 20 Pota-Pox, manufactured by TNE MEC), will be applied to the aerator trays prior to shipment. This product is Certified by NSF, International in accordance with ANSI/NSF Std. 61. We have enclosed a copy of the specification for the aerator trays and a copy of the coating specification, for your information.

Please advise us if a construction permit is required to install the new aerator trays. If we do not hear from you by June 21, 1995, we will assume that a permit is not required and will proceed with the installation.

Thank you for your consideration.

Sincerely,

Sandra J. Joiner, P.E.  
Permitting Engineer X 126

*Left message -  
No permit req'd.  
3PM 6/7/95  
10:10 am*

SJJ/sj

Encl.

