

LAW OFFICES

MESSER, VICKERS, CAPARELLO, MADSEN, LEWIS, GOLDMAN & METZ
A PROFESSIONAL ASSOCIATION

SUITE 701
215 SOUTH MONROE STREET
POST OFFICE BOX 1876
TALLAHASSEE, FLORIDA 32302-1876
TELEPHONE (904) 222-0720
TELECOPIER (904) 224-4359

ORIGINAL
FILE COPY

SUITE 900
2000 PALM BEACH LAKES BOULEVARD
WEST PALM BEACH, FLORIDA 33409
TELEPHONE (407) 640-0820
TELECOPIER (407) 640-8202

REPLY TO: Tallahassee

October 20, 1993

Mr. Steve Tribble, Director
Division of Records and Reporting
Florida Public Service Commission
101 East Gaines Street
Tallahassee, Florida 32399-0850

HAND DELIVERY

Re: FPSC Docket No. 920199-WS

Dear Mr. Tribble:

On behalf of Southern States Utilities, Inc. ("SSU"), enclosed for filing in the above-referenced docket is an original and fifteen copies of SSU's Fourth Status Report addressing the status of water and wastewater deficiencies addressed in Order No. PSC-93-0423-FOF-WS. The Report is titled Status of System Deficiencies per Final Rate Order in Docket No. 920199-WS, Report No. 4. This Fourth Status Report is submitted in accordance with Order No. PSC-93-0423-FOF-WS, at page 16, and relates to the quality of service items referenced in the Order.

Copies of this filing have been served on the parties of record in this docket pursuant to the attached certificate of service. Thank you for your assistance in processing this filing. Please contact me if you have any questions.

Please acknowledge receipt of these documents by stamping the extra copy of this letter "filed" and returning the same to me.

Sincerely,


Kenneth A. Hoffman

KAH/rl
Enclosures
cc: Brian P. Armstrong, Esq.
Parties of Record

ACK _____
AFA 3
APP _____
CAF _____
CMU _____
CTR _____
EAG _____
LEG _____
LIN 3
GPC _____
R/H _____
SEC 1
WAS _____
TH _____

DOCUMENT NUMBER-DATE
11304 OCT 20 93
FPSC-RECORDS/REPORTING

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing Status of System Deficiencies per Final Rate Order in Docket No. 920199-WS, Report No. 4, was furnished by U.S. Mail on this 20th day of October, 1993, to the following:

Harold McLean, Esq.
Office of Public Counsel
111 West Madison Street
Room 812
Tallahassee, FL 32399-1400

Michael Twomey, Esq.
Asst. Attorney General
Dept. of Legal Affairs
Room PL-01, The Capital
Tallahassee, FL 32399-1500

Catherine Bedell, Esq.
Division of Legal Service
101 E. Gaines Street, Room 212
Tallahassee, FL 32399-0863

Larry M. Haag, Esq.
County Attorney
107 N. Park Avenue
Suite 8
Inverness, FL 34450

Susan W. Fox, Esq.
MacFarlane Ferguson
P. O. Box 1531
Tampa, Florida 33601

Michael S. Mullin, Esq.
P. O. Box 1563
Fernandina Beach, FL 32034

By: 
KENNETH A. HOFFMAN ESQ.



01/13/2013
11:17 AM

STATUS OF SYSTEM
DEFICIENCIES
PER
FINAL RATE ORDER
IN
DOCKET NO. 920199-WS

REPORT NO. 4

OCTOBER 20, 1993

4275

DOCUMENT NUMBER-DATE

11304 OCT 20 2168

1735-RECORDS/REPORTING

INDEX

<u>SUBJECT</u>	<u>PAGE NUMBER</u>
Outstanding Water Systems Requiring Eight Month Response	
Pine Ridge Utilities	3-6
Outstanding Water Systems Requiring Twelve Month Response	
Beechers Point	8
Chuluota	9-15
Outstanding Wastewater Systems Requiring Twelve Month Response	
Fox Run	17
Sugar Mill Woods	18
University Shores	19
Systems from Last Report with Corrected Problems	
Golden Terrace- Water	21
Beechers Point - Wastewater	22
Fox Run - Water	23
Gospel Island - Water	24
Hermits Cove - Water	25
Leilani Heights - Wastewater	26
Palm Terrace - Water	27
Point O Woods - Water	28
Zephyr Shores - Wastewater	29
Point O Woods - Wastewater	30

**STATUS OF WATER SYSTEM'S
DEFICIENCIES**

**REQUIRING EIGHT MONTH
RESPONSE**

DOCKET NO. 920199-WS

STATUS OF QUALITY OF SERVICE

System Name: Pine Ridge Utilities - Water

Status Report Date: 10/15/93

County: Citrus

Area of Resp.
Operations/Engineering

I. Deficiency: Low pressure on Bonanza Street

II. Corrective Action: This part of the distribution system was looped in 1992. That did not materially improve the pressure. The plant pressure will be increased by 10 psi in an attempt to raise the pressure at the customers premises.

III. Current Status: Still evaluating solutions to this problem. Interconnect with Citrus County is now being investigated. Outside contractor has also been hired to look into the problem. Attached is a letter to FDER indicating some interim modifications to help correct the problem.

See attached letter from Henigar and Ray, Inc. consulting engineers that are investigating possible solutions.

IV. Estimated Completion Date: By Mid 1994 depending on rec. solution.

Distribution:

Region Manager:
Area Supervisor:
Engineering:
Environmental Services:
Rates:
Operations Administration:

4278



October 15, 1993

Gary Morse
Sr. Rate Engineer
Southern States Utilities, Inc.
1000 Color Place
Apopka, Florida 32703

**Subject: Southern States Utilities
Pine Ridge Water Supply and Distribution System - Citrus County**

Per your recent request, our firm has been retained to investigate the reasons for low pressure problems in the Pine Ridge Water system. We are also evaluating alternatives to correct the problem.

Typically, low pressure problems in an otherwise adequately maintained system are caused either by insufficient pressure from the supply source, or by excessive pressure loss in the distribution system. Excessive pressure loss in the distribution system is in turn caused by either excessive demand or insufficient line size.

To determine the probable cause of the Pine Ridge water system pressure problems, we are using a sophisticated hydraulic systems mapping and analysis software product.

To date, we have electronically mapped the existing water distribution system and have created a working computer model of the system.

We have run the model considering a number of different scenarios and have reached some preliminary conclusions.

First, the areas of low pressure occur where surface elevations are typically 150 to 160 feet MSL. The water plants supplying this system are at elevation 80 to 90 MSL. The lowest operating pressure of the water plants is about 58 psi.

Under static conditions (minimum water demand) and minimum water plant operating pressure, the lowest pressure that would be experienced by consumers at elevation 160 would therefore be 23 psi.

Gary Morse
October 15, 1993
Page 2

Under dynamic conditions (average and peak water demand), system water pressure would be less than 23 psi as a result of head loss in the supplying water mains.

Second, we have found that consumer demand is excessive.

Normally, we would expect average consumer demand to be in the range of 250 to 350 gallons per day per single family residence. Typically, the rate of consumer demand during the peak demand hour would be as high as three times the average rate of demand.

In Pine Ridge, the annualized average consumer demand is in excess of 500 gallons per day per residence. On a maximum demand day, the residential demand is over 1200 gallons per day per residence.

The aggregate peak demand occurring on the maximum day under current conditions can be estimated at about 1400 gallons per minute, assuming a peak factor of three.

There does not appear to be any significant commercial use of supplied water, nor is the maximum day demand attributable to line breaks. Golf courses in Pine Ridge use separate sources of irrigation water supply. It appears that in an effort to keep lawns green in the dry, sandy soils of the area, residents are using excessive quantities of potable water for irrigation purposes. Many homes are believed to use automatic, in ground sprinkler systems.

We are presently evaluating a number of alternatives to correct pressure problems in Pine Ridge.

First, we are studying the feasibility of connecting the Pine Ridge system to the Citrus County water distribution system. The County distribution system operates at a higher hydraulic grade than does the Pine Ridge system. Our preliminary analysis indicates that connection with the County system would increase pressure in the areas presently experiencing problems about 10 psi.

The second alternative involves improvements to the supply system and/or providing a booster pump station to improve service to the current low pressure areas.

The third alternative involves improvements to the existing water plants and possibly increasing mainline sizes in the distribution system. Our modeling analysis shows, however, that head loss in the existing distribution system is not a very significant factor in causing the low pressure problems.


Gary Morse
October 15, 1993
Page 3

Southern States Utilities is presently evaluating these alternatives and is having discussions with Citrus County Utilities.

I trust this information sufficiently explains what we consider the probable causes of the low pressure problems in Pine Ridge and the steps presently being taken to correct them. Should you desire additional information, please do not hesitate to call.

Sincerely,

HENIGAR & RAY, INC.



George J. McDonald, P.E.

cc: Joe Mack, SSU
Ralph Terrero, SSU
Chuck A. Pigeon, H&R

A: GMORSE.016
#93-3710

4281

**STATUS OF WATER SYSTEM'S
DEFICIENCIES**

**REQUIRING TWELVE MONTH
RESPONSE**

DOCKET NO. 920199-WS

System Name: Beechers Point - Water		Status Report Date: 10/15/93
County: Putnam		Area of Resp. Engineering
<p>I. Deficiency: Sodium and Chlorides exceed MCL</p>		
<p>II. Corrective Action: The company entered into a Consent Order (# 93-0332) with the FDER dated April 22, 1993 for improvements to correct the above referenced violations. Three options are outlined in the Order that include:</p> <ol style="list-style-type: none"> 1. Interconnect with the Town of Welaka. 2. Submittal of engineering plans to permit additional treatment. 3. Secure a permit from St. Johns River Water Management District to remediate the existing wells at Beechers Point WTP to a more shallow depth pursuant to drawing better quality water. <p>If Option 1 is exercised, an interconnect shall be completed within 9 months of the date of the Order. If Option 2 is exercised, additional treatment shall be installed within 1 year of a permit issued by FDER. If Option 3 is exercised, the remediated wells shall be cleared bacteriologically and all chemical analysis required for community public water systems shall be received within 6 months of the effective date of the Order.</p>		
<p>III. Current Status: A special meeting of the Town Council is scheduled for July 27th for approval of resolution giving authority to serve outside the Town limits. The Town of Welaka will be providing water to us through an interconnection after they make improvements to their system. We have filed a permit application with FDEP.</p>		
<p>IV. Estimated Completion Date: Early 1994</p>		
<p><u>Distribution:</u></p> <p>Region Manager: Area Supervisor: Engineering: Environmental Services: Rates: Operations Administration:</p>		

4283

System Name: Chuluota - Water

Status Report Date: 10/15/93

County: Seminole

Area of Resp. Env. Services

I. Deficiency: Radium 226-228 exceeds MCL and rust in system.

II. Corrective Action: Retest for radium for 4 consecutive quarters. To solve the rust problem, it was necessary to replace approx. 3,300 feet of 2 inch galvanized pipe.

III. Current Status: The 4th quarter samples were taken but the results have not been received from the Lab.

See attached letter (and lab results) from FDEP stating lab sample results are below MCL.

IV. Estimated Completion Date:

Distribution:

Region Manager:
Area Supervisor:
Engineering:
Environmental Services:
Rates:
Operations Administration:

4284



Lawton Chiles
Governor

Florida Department of Environmental Protection

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

Virginia B. Wetherell
Secretary

J. Kingdon
Mel Fisher
Frank Sanderson
Pascilla Wampler
Donna Wampler
Charles Canino

August 31, 1993

Southern States Utilities
1000 Color Place
Apopka, FL 32703

OCD-PW-CE-93-1276

Attention: Mr. Sam Sparks
Area Supervisor

Seminole County - PW
Chuluota
PWS ID No. 3590186

Dear Mr. Sparks:

According to our records, the radium-226 and radium-228 average annual concentration (2.3 pCi/L) is less than half the maximum contaminant level which is 5.0 pCi/L. Therefore, pursuant to Rule 17-550.519(1)(b), Florida Administrative Code, analysis of a single sample shall be substituted for the quarterly sampling procedure during the next monitoring period.

If you have any questions, please contact Ms. Marie Carrasquillo at (407) 894-7555.

Sincerely,

Paul J. Morrison
Section Supervisor
Drinking Water Compliance/Enforcement

ML
PJM:mc/tw

cc: Seminole County Health Department

4285

2178



CHEMICAL
LABORATORIES
INCORPORATED

Received From:
SSU Services
1000 Color Place
Apopka, FL 32703

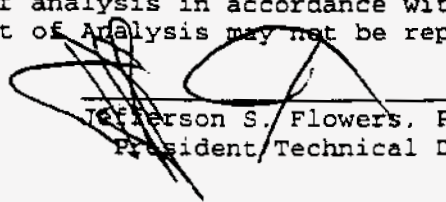
Date Reported : Jul 19 1993
Project Number : Chuluota
PO Number : B93337
FDHRSW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: POINTOFENTRY
Date Sampled: Jun 21 1993 Date Received: Jun 21 1993 Lab Number : 18169
REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	18169
		Detection			
		Limit			
Gross alpha excl. Ra	pCi/L	1.00			-
Analysis_Error(Ga)	pCi/L	0.100			-
Photon emitters	pCi/L	1.00			-
Analysis_Error(Photo)	pCi/L	1.00			-
Radium 226	pCi/L	1.00			1.20
Analysis_Error(226)	pCi/L	0.100			0.200
Radium 228	pCi/L	1.00			<1.00
Analysis_Error(228)	pCi/L	1.00			<1.00
Gross_Beta	pCi/L	1.00			-
Analysis_Error(Gb)	pCi/L	1.00			-
Man-made beta & phot	pCi/L	1.00			-
Analysis_Error(beta)	pCi/L	1.00			-
Tritium	pCi/L	1.00			-
Analysis_Error(Triti)	pCi/L	1.00			-
Strontium-89	pCi/L	1.00			-
Analysis_Error(89)	pCi/L	1.00			-
Strontium-90	pCi/L	1.00			-
Analysis_Error(90)	pCi/L	1.00			-
Iodine-131	pCi/L	1.00			-
Analysis_Error(131)	pCi/L	1.00			-
Cesium-134	pCi/L	1.00			-
Analysis_Error(134)	pCi/L	1.00			-

Data Release Authorization

Sample integrity and reliability certified by Lab personnel prior to analysis.
Methods of analysis in accordance with FCL QA and EPA approved methodology.
This Report of Analysis may not be reproduced in part.


Jefferson S. Flowers, Ph.d.
President/Technical Director

4286

FLOWERS CHEMICAL LABORATORIES															
ANALYTICAL RESULTS FORM										MRS Number B3139					
Parameter	Symbol	Unit	point of entry							OA		Section		Analy	Date
										Method	MDL	%RSD	%Rec		
Gross alpha excl Ra & U	*	pCi/L	18169							EPA900	1.0			PL	07-16-93
Analysis Error(Ga)	*	pCi/L	-							EPA900	0.1			PL	07-16-93
Photon emitters	*	pCi/L	-								1.0			PL	07-16-93
Analysis Error(Photon)	*	pCi/L	-								1.0			PL	07-16-93
Radium-226	*	pCi/L	1.20							EPA903	1.0			PL	07-16-93
Analysis Error(226)	*	pCi/L	0.200							EPA903	0.1			PL	07-16-93
Radium-228	*	pCi/L	<1							EPA904	1.0			PL	07-16-93
Analysis Error(228)	*	pCi/L	0.900							EPA904	1.0			PL	07-16-93
Gross beta	*	pCi/L	-							EPA900	1.0			PL	07-16-93
Analysis Error(Gb)	*	pCi/L	-							EPA900	1.0			PL	07-16-93
Man-made beta & photon	*	pCi/L	-								1.0			PL	07-16-93
Analysis Error(beta & pho)	*	pCi/L	-								1.0			PL	07-16-93
Tritium	*	pCi/L	-								1.0			PL	07-16-93
Analysis Error(Tritium)	*	pCi/L	-								1.0			PL	07-16-93
Strontium-89	*	pCi/L	-								1.0			PL	07-16-93
Analysis Error(89)	*	pCi/L	-								1.0			PL	07-16-93
Strontium-90	*	pCi/L	-								1.0			PL	07-16-93
Analysis Error(90)	*	pCi/L	-								1.0			PL	07-16-93
Iodine-131	*	pCi/L	-								1.0			PL	07-16-93
Analysis Error(131)	*	pCi/L	-								1.0			PL	07-16-93
Cesium-134	*	pCi/L	-								1.0			PL	07-16-93
Analysis Error(134)	*	pCi/L	-								1.0			PL	07-16-93
			Date Received:	06-21-93	Typed:			07-16-93	Sent:		07-16-93				
Project Number	Chuluota														
PO Number	B93337														
Date Sampled	1 06-21-93 *														
Date Analyzed	0														
Compacted	1														
Format	NormRR														
Unit Cost	Exted														
Organic	27000 1 *														
0.00															

4287 218C

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION (to be completed by system or lab)

System Name: **SSU Services**

I.D. #: Chuluota

Address: 1000 Color Place Apopka, FL 32703

Phone #: _____

Type (check one): Community

Nontransient Noncommunity

Noncommunity

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY): 6/21/93

Sample Time: _____

Sample Location (be specific): point of entry

Sampler Name and Phone: _____

Samplers Signature: _____

Title: _____

Check Type (s):

Distribution

Recheck of MCL

Resample of Lab Invalidated Sample

Clearance

Thm Max Res Time

Plant Tap

Distribution entry pt

Raw

Composite of Multiple Sites-Attach a format for each site

LABORATORY CERTIFICATION INFORMATION

Lab Name: Flowers Chemical Laboratories Inc.

HRS# 83139

Expiration Date 6/30/94

Address: PO Box 150-0597 Altamonte Springs, Florida 32715-0597

Phone #: (407) 339-5984

Subcontracted Lab HRS #: HRS82138

Groups Analyzed: RAD

ANALYSIS INFORMATION (to be completed by lab)

Lab Number: 18169

Date Sample(s) Received:

Group(s) Analyzed & Results attached for compliance with 17-550, F.A.C.:

Nitrate

Nitrite

Asbestos

Turbidity

Inorganics

Trihalomethanes

Volatile Organics

Secondaries

All 18 Partial

All 4 Partial

All 21 Partial

All 14. Partial

Pesticides & PCBs

Group I Unregulateds

Group II Unregulateds

Radiochemicals

All 29 Partial

All 13 Partial

All 37 Partial

Single Sample

Qtrly Composite *

* Provide radiochemical sample dates & locations for each quarter

I, Dr. Jefferson S. Flowers, do HEREBY CERTIFY that all data submitted are correct.

Signature: _____

Title: Technical Director

Date: 7/16/93

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory: _____

Sample Analysis Satisfactory: _____

Resample Request for: _____

Reason: _____

Person notified to resample: _____ Date notified: ____/____/____

DER /ACPHU Reviewing Official: _____

Effective 1/93

Radiological Analysis

17-550.310(5)

(PWS033)

Parameter ID NAME	Sample Number	Analysis Result(pCi/l)	Analytical Method	Detection Limit (pCi/l)	Analysis Error	Analysis Date
4000 Gross alpha	18169		EPA900	1		07-16-93
4012 Photon emitters	18169		-	1		07-16-93
4020 Radium-226	18169	1.20	EPA903.1	1	0.200	07-16-93
4030 Radium-228	18169	<1	EPA904	1	0.900	07-16-93
4100 Gross beta	18169		EPA900	1		07-16-93
4101 Man-made beta & photon emitters	18169		-	1		07-16-93
4102 Tritium	18169		-	1		07-16-93
4172 Strontium-89	18169		-	1		07-16-93
4174 Strontium-90	18169		-	1		07-16-93
4264 Iodine-131	18169		-	1		07-16-93
4270 Cesium-134	18169		-	1		07-16-93

4289



**ANALYTICAL & CONSULTING CHEMISTS
CHAIN OF CUSTODY RECORD
DRINKING WATER 17-550**

FDER Lab # E83018
FDHRS Lab # 83139
NCDEHNR Lab # 296
SCDHEC Lab # 96019

Att: Rick

(1) Client <i>SSU</i>	(2) Address <i>APOLKA, FL</i>	(3) Phone
(4) Public Drinking Water ID #	(5) Public Water System Name: <i>Chulason</i>	
(6) Project #	(8) Public Water System Type	
(7) PO # <i>1393337</i>	<input checked="" type="checkbox"/> Community <input type="checkbox"/> Non-Community <input type="checkbox"/> Special Non-Community	

		Preservative		Plastic Containers					Glass Containers				NOTES:				
		HNO3	ZnOAC/NaOH	60ml	125ml	250ml	500ml	1L	Whirl-Pac Bag	40ml	250ml	500ml		1L	2L	4L	
(16)	<i>2</i>	<input checked="" type="checkbox"/>						<input checked="" type="checkbox"/>									(12) Turn Around Time: 10 Working Days: _____ 5 Working Days: _____ 3 Working Days: _____ 1 Working Day: _____ Other: _____
																	<i>1 - Rad 226/228</i>
(17) Kit Relinquished:				(17) Date				(9) Kit Received				(9) Date					
				(17) Time								(9) Time					
(10) Parameter Group(s) Analyzed: Turbidity___; Inorganic___; Trihalomethane___; Volatile Organic___; Organic Chemical___; Secondary Chemical___; Radiological___; Unregulated Organic Purgeable___; Unregulated Organic Pesticide___; Unregulated Base Neutral Extractable___; Unregulated Acid Extractable___;																	

(18) Laboratory Number

18169

(11) Client Sample Identification

#1	<i>Point of Entry</i>
#2	<i>Point of Entry</i>
#3	
#4	
#5	
#6	
#7	
#8	
#9	
#10	

(13) Collectors Signature:

J. Cow Hampton Date *6-21-93* Time *2:55 pm*

(14) Transporters Signature:

[Signature] Date *6/21/93* Time *2:55*

(15) Lab Acceptance By:

[Signature]

**STATUS OF WASTEWATER
SYSTEM'S DEFICIENCIES**

**REQUIRING TWELVE MONTH
RESPONSE**

DOCKET NO. 920199-WS

System Name: Fox Run - Wastewater	Status Report Date: 7/16/93
County: Martin	Area of Resp.: Env. Services/Corp. Development
<p>I. Deficiency: Inadequate disposal capacity.</p>	
<p>II. Corrective Action: Interconnect with Martin Downs Utilities and abandon our treatment facility.</p>	
<p>III. Current Status: Attached is a copy of the executed Bulk Wastewater Service Agreement dated May 10, 1993 with additional attachments between SSU and Martin Downs Utilities.</p>	
<p>IV. Estimated Completion Date: Project completed on May 28, 1993.</p>	
<p><u>Distribution:</u></p> <p>Region Manager: Area Supervisor: Engineering: Environmental Services: Rates: Operations Administration:</p>	

System Name: Sugar Mill Woods - Wastewater	
System Name: Sugar Mill Woods - Wastewater	Status Report Date: 10/15/93
County: Citrus	Area of Resp. Engr/Env. Services
<p>I. Deficiency: Various Effluent Violations and No Fence</p>	
<p>II. Corrective Action: Replaced numerous spray heads in spray field. Monitoring wells rehabilitated.</p>	
<p>III. Current Status: Preliminary design work is being done for expansion. Design being done by Henigar and Ray, Inc. Drawings to be complete by end of year.</p>	
<p>IV. Estimated Completion Date: Mid 1994</p>	
<p><u>Distribution:</u></p> <p>Region Manager: Area Supervisor: Engineering: Environmental Services: Rates: Operations Administration:</p>	

System Name: University-Wastewater	Status Report Date: 10/15/93
County: Orange	Area of Resp. Engr/Env. Services
<p>I. Deficiency: Effluent Disposal Capacity</p>	
<p>II. Corrective Action: Modifications to existing effluent disposal sites and study to determine the feasibility of additional sites for effluent disposal. See the attached correspondence and copy of Water Reuse Rating Study performed by PBG&S dated April 15, 1993.</p>	
<p>III. Current Status: Problem might be corrected by buying excess capacity from Orange County.</p> <p>Draft agreement now being developed with Orange County for bulk wastewater treatment. Final agreement should be signed by end of 1993.</p>	
<p>IV. Estimated Completion Date: Mid 1994</p>	
<p><u>Distribution:</u></p> <p>Region Manager: Area Supervisor: Engineering: Environmental Services: Rates: Operations Administration:</p>	

**STATUS OF SYSTEM'S
DEFICIENCIES**

**PROBLEMS CORRECTED
PREVIOUSLY**

DOCKET NO. 920199-WS

System Name: Golden Terrace - Water	Status Report Date: 7/16/93
County: Citrus	Area of Resp.: Env. Services
<p>I. Deficiency: Iron exceeds MCL</p>	
<p>II. Corrective Action: This system will be interconnected with the City of Inverness.</p>	
<p>III. Current Status: Construction work completed. Certification forms sent to DER for final approval.</p>	
<p>IV. Estimated Completion Date: Project completed.</p>	
<p><u>Distribution:</u></p> <p>Region Manager: Area Supervisor: Engineering: Environmental Services: Rates: Operations Administration:</p>	

System Name: Beechers Point-Wastewater

Status Report Date: 5/14/93

County: Putnam

Area of Resp. Operations/Env.
Services

I. Deficiency: Nitrate levels exceed permit conditions.

II. Corrective Action: Operator was unable to haul sludge off site due to property and easement dispute with adjacent homeowner which lasted several months during the summer of 1992. Since the resolution of the dispute, sludge has been routinely removed from the process and nitrate levels have consistently been below the level set forth in the operating permit.

III. Current Status: Problem resolved.

IV. Estimated Completion Date:

Distribution:

Region Manager:
Area Supervisor:
Engineering:
Environmental Services:
Rates:
Operations Administration:

System Name: Fox Run - Water

Status Report Date: 5/14/93

County: Martin

Area of Resp.: Env. Services

I. Deficiency: Iron exceeds MCL

II. Corrective Action: Add additional iron filters.

III. Current Status: Problem corrected. See attached letter of April 15, 1993 requesting that Consent Order # 88-0722 be closed. Awaiting response from FDER. See attached final engineering report with lab test results.

IV. Estimated Completion Date: Project completed

Distribution:

Region Manager:
Area Supervisor:
Engineering:
Environmental Services:
Rates:
Operations Administration:

System Name: Gospel Island - Water

Status Report Date: 5/14/93

County: Citrus

Area of Resp. Env. Services

I. Deficiency: Manganese exceeds MCL

II. Corrective Action: Resubmit samples for testing

III. Current Status: Latest tests showed no Manganese present. See copy of last lab test result along with latest FDER Sanitary Survey.

IV. Estimated Completion Date: Project completed.

Distribution:

Region Manager:

Area Supervisor:

Engineering:

Environmental Services:

Rates:

Operations Administration:

4299

System Name: Hermits Cove - Water	Status Report Date: 5/14/93
County: Putnam	Area of Resp. Env. Services
<p>I. Deficiency: Manganese exceeds MCL.</p>	
<p>II. Corrective Action: Retest for manganese as it was believed that the lab test originally performed were not correct.</p>	
<p>III. Current Status: Attached are the lab test results for manganese. The results indicate the samples were within the specified MCL for manganese.</p>	
<p>IV. Estimated Completion Date: Retesting completed in November 1992.</p>	
<p><u>Distribution:</u></p> <p>Region Manager: Area Supervisor: Engineering: Environmental Services: Rates: Operations Administration:</p>	

System Name: Lellani Hts - Wastewater	Status Report Date: 5/14/93
County: Martin	Area of Resp. Env. Services
<p>I. Deficiency: Notice of Noncompliance (See attached letter from FDER)</p>	
<p>II. Corrective Action: See written response dated October 13, 1992 from SSU explaining the reasons for the noncompliance items.</p>	
<p>III. Current Status: No further requests were made after our October 13, 1992 response.</p>	
<p>IV. Estimated Completion Date:</p>	
<p><u>Distribution:</u></p> <p>Region Manager: Area Supervisor: Engineering: Environmental Services: Rates: 4301 Operations Administration:</p>	

System Name: Palm Terrace - Water

Status Report Date: 5/14/93

County: Pasco

Area of Resp. Env. Services

I. Deficiency: Noncompliance letter dated 11/30/92 (copy attached) for not sampling in a timely fashion.

II. Corrective Action: Provide routine sampling as required. See attached response and lab test results.

III. Current Status: Problem rectified.

IV. Estimated Completion Date:

Distribution:
Region Manager:
Area Supervisor:
Engineering:
Environmental Services:
Rates:
Operations Administration: 4302

System Name: Point O Woods - Water	Status Report Date: 5/14/93
County: Citrus	Area of Resp. Engineering
<p>I. Deficiency: Iron exceeds MCL</p>	
<p>II. Corrective Action: Company entered into Consent Order (# 92-1613) with FDER on September 21, 1992 to make improvements to the water system to maintain iron at or below the maximum contaminant level. The company has spent \$446,000 for the installation of new wells, iron filters, and associated plant equipment. The new plant was cleared for service on December 4, 1992. Attached is a copy of the letter from FDER that closes Consent Order # 92-1613.</p>	
<p>III. Current Status: Problem corrected.</p>	
<p>IV. Estimated Completion Date: Project completed.</p>	
<p><u>Distribution:</u></p> <p>Region Manager: Area Supervisor: Engineering: Environmental Services: 4303 Rates: Operations Administration:</p>	

Wastewater Treatment Plant	
System Name: Zephyr Shores - Wastewater	Status Report Date: 5/14/93
County: Pasco	Area of Resp. Env. Services/Corp. Development
<p>I. Deficiency: Inadequate disposal capacity</p>	
<p>II. Corrective Action: Interconnect with Pasco County and divert raw wastewater to the County for treatment as necessary.</p>	
<p>III. Current Status: Interconnect completed December 16, 1992.</p>	
<p>IV. Estimated Completion Date: Project Complete</p>	
<p><u>Distribution:</u></p> <p>Region Manager: Area Supervisor: Engineering: Environmental Services: 4304 Rates: Operations Administration:</p>	

System Name: Point O Woods - Wastewater	Status Report Date: 7/16/93
County: Citrus	Area of Resp. Operations
I. Deficiency: Overgrown Percolation Ponds	
II. Corrective Action: Proposals received for cleaning of ponds.	
III. Current Status: Attached is a copy of the work order for the cleaning out of the percolation ponds.	
IV. Estimated Completion Date: Problem Corrected.	
<u>Distribution:</u> Region Manager: Area Supervisor: Engineering: Environmental Services: 4305 Rates: Operations Administration:	