



General Offices

1000 Color Place
Apopka, FL 32703
(407) 880-0058

January 25, 1993

FEDERAL EXPRESS

Mr. Steve Tribble
Director, Division of Records & Reporting
Florida Public Service Commission
101 E. Gaines Street
Tallahassee, FL 32399

Re: **Southern States Utilities, Inc.**
Application for Rate Increase
Docket No. 920199-WS

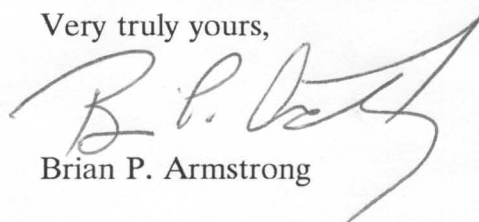
Dear Mr. Tribble:

Enclosed please find copies of the following documents:

1. Results of re-testing by three laboratories at HERMITS COVE water treatment plant indicating compliance with MCLs (Attachment A);
2. DER letter dated December 22, 1992 concerning WOOTENS water treatment plant indicating compliance with odor MCL (Attachment B); and
3. Letter dated December 11, 1992 to DER by which the Company provided record drawings and bacteriological results from the replaced main on CHULUOTA water system which is now in service (Attachment C). As explained to me, the replacement was "like for like" and, therefore, no DER permit or other clearance was required.

These documents provide information confirming information provided by the Company at the hearings held in November.

Very truly yours,



Brian P. Armstrong

BPA/ag

Enclosures

c: By Mail: All Parties
Federal Express: Mr. Ed Fuchs

1390

DOCUMENT NUMBER-DATE

01003 JAN 26 1993



ACK _____
AFA 1 _____
APP _____
CAF _____
CMU _____
CTR _____
EAG _____
LEG 1 _____
LIN 3 _____
OPC _____
RCH _____
SEC 1 _____
WAS 1 _____
OTH _____

TECHNICAL SERVICES, INC.
PUBLIC DRINKING WATER ANALYSIS REPORTING

PUBLIC WATER SYSTEM INFORMATION: SSU Services
Public Water System I.D. Number: 2540482
Public Water System Name: Hermits Cove
Public Water System Type: Community

PUBLIC CERTIFICATION INFORMATION:
Lab Certification Number: FDHRS #82145
Parameter Groups Analyzed: Manganese
Subcontracted Lab Number (If Any): Not Applicable

SAMPLE INFORMATION:
Sample Date: October 28, 1992 @ 1615
Laboratory Sample Number: 9210542-1
Sample Location (be specific): Plant #438
Sample Type: Regular Distribution

Sampler's Name and Title: Paul Thompson
Sampler's Company: SSU Services
Sampler's Phone Number: (904) 649-8673

ANALYSIS INFORMATION:
Extraction Date: Not Applicable
Laboratory Contact: Mr. Walter Mock
Resample Request: NO
Analyses Submitted: Manganese

DO HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT ALL DATA
SUBMITTED ARE CORRECT.

James C. Burden
Laboratory Director
TECHNICAL SERVICES, INC.

Date: November 6, 1992

Results mailed to appropriate DER/ACPHU Office by: Customer

DER/ACPHU REVIEWING OFFICIAL

Sample Interpretation (Check One)
() Satisfactory () Unsatisfactory

1391

TECHNICAL SERVICES, INC.
290L DANESE STREET
JACKSONVILLE, FLORIDA 32206
(904) 353-5761

SECONDARY CHEMICAL ANALYSIS
17-550.320
(PWS031)

Parameter NAME	Sample Number	Analysis Result (mg/L)	Analytical Method	Analysis Date
32 Manganese	9210542-1	<0.03	EPA243.1	11-02-92

1392

TECHNICAL SERVICES, INC.
PUBLIC DRINKING WATER ANALYSIS REPORTING

PUBLIC WATER SYSTEM INFORMATION: SSU Services
Public Water System I.D. Number: 2540482
Public Water System Name: Hermits Cove
Public Water System Type: Community

PUBLIC CERTIFICATION INFORMATION:
Lab Certification Number: FDHRS #82145
Parameter Groups Analyzed: Manganese
Subcontracted Lab Number (If Any): Not Applicable

SAMPLE INFORMATION:
Sample Date: October 29, 1992 @ 1515
Laboratory Sample Number: 9210542-2
Sample Location (be specific): Plant #438
Sample Type: Regular Distribution

Sampler's Name and Title: Paul Thompson
Sampler's Company: SSU Services
Sampler's Phone Number: (904) 649-8673

ANALYSIS INFORMATION:
Extraction Date: Not Applicable
Laboratory Contact: Mr. Walter Mock
Resample Request: NO
Analyses Submitted: Manganese

I DO HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT ALL DATA SUBMITTED ARE CORRECT.

James Charden
Laboratory Director
TECHNICAL SERVICES, INC.

Date: November 6, 1992

Results mailed to appropriate DER/ACPHU Office by: Customer

DER/ACPHU REVIEWING OFFICIAL

Sample Interpretation (Check One)
() Satisfactory () Unsatisfactory

1393

TECHNICAL SERVICES, INC.
290L DANESE STREET
JACKSONVILLE, FLORIDA 32206
(904) 353-5761

SECONDARY CHEMICAL ANALYSIS
17-550.320
(PWS031)

Parameter NAME	Sample Number	Analysis Result (mg/L)	Analytical Method	Analysis Date
32 Manganese	9210542-2	<0.03	EPA243.1	11-02-92

1394

TECHNICAL SERVICES, INC.
PUBLIC DRINKING WATER ANALYSIS REPORTING

PUBLIC WATER SYSTEM INFORMATION: SSU Services
Public Water System I.D. Number: 2540482
Public Water System Name: Hermits Cove
Public Water System Type: Community

PUBLIC CERTIFICATION INFORMATION:
Lab Certification Number: FDHRS #82145
Parameter Groups Analyzed: Manganese
Subcontracted Lab Number (If Any): Not Applicable

SAMPLE INFORMATION:
Sample Date: October 30, 1992 @ 0845
Laboratory Sample Number: 9210542-3
Sample Location (be specific): Plant #438
Sample Type: Regular Distribution

Sampler's Name and Title: Paul Thompson
Sampler's Company: SSU Services
Sampler's Phone Number: (904) 649-8673

ANALYSIS INFORMATION:
Collection Date: Not Applicable
Laboratory Contact: Mr. Walter Mock
Sample Request: NO
Analyses Submitted: Manganese

DO HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT ALL DATA
SUBMITTED ARE CORRECT.

James C. Burden
Laboratory Director
TECHNICAL SERVICES, INC..

Date: November 6, 1992

Results mailed to appropriate DER/ACPHU Office by: Customer

DER/ACPHU REVIEWING OFFICIAL

Sample Interpretation (Check One)
() Satisfactory () Unsatisfactory

1395

TECHNICAL SERVICES, INC.
290L DANESE STREET
JACKSONVILLE, FLORIDA 32206
(904) 353-5761

SECONDARY CHEMICAL ANALYSIS
17-550.320
(PWS031)

Parameter NAME	Sample Number	Analysis Result (mg/L)	Analytical Method	Analysis Date
032 Manganese	9210542-3	<0.03	EPA243.1	11-02-92

1396

TECHNICAL SERVICES, INC.
PUBLIC DRINKING WATER ANALYSIS REPORTING

PUBLIC WATER SYSTEM INFORMATION: SSU Services
Public Water System I.D. Number: 2540482
Public Water System Name: Hermits Cove
Public Water System Type: Community

PUBLIC CERTIFICATION INFORMATION:
Lab Certification Number: FDHRS #82145
Parameter Groups Analyzed: Manganese
Subcontracted Lab Number (If Any): Not Applicable

SAMPLE INFORMATION:
Sample Date: October 28, 1992 @ 1615
Laboratory Sample Number: 9210542-1
Sample Location (be specific): Plant #438
Sample Type: Regular Distribution

Sampler's Name and Title: Paul Thompson
Sampler's Company: SSU Services
Sampler's Phone Number: (904) 649-8673

ANALYSIS INFORMATION:
Extraction Date: Not Applicable
Laboratory Contact: Mr. Walter Mock
Resample Request: NO
Analyses Submitted: Manganese

I DO HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT ALL DATA
SUBMITTED ARE CORRECT.

James C. Burden
Laboratory Director
TECHNICAL SERVICES, INC.

Date: November 6, 1992

Results mailed to appropriate DER/ACPHU Office by: Customer

DER/ACPHU REVIEWING OFFICIAL

Sample Interpretation (Check One)
() Satisfactory () Unsatisfactory

TECHNICAL SERVICES, INC.
290L DANESE STREET
JACKSONVILLE, FLORIDA 32206
(904) 353-5761

SECONDARY CHEMICAL ANALYSIS
17-550.320
(PWS031)

Parameter ID NAME	Sample Number	Analysis Result (mg/L)	Analytical Method	Analysis Date
1032 Manganese	9210542-1	0.03	EPA243.1	11-02-92

TECHNICAL SERVICES, INC.
PUBLIC DRINKING WATER ANALYSIS REPORTING

1398

PUBLIC WATER SYSTEM INFORMATION:
Public Water System I.D. Number:
Public Water System Name:
Public Water System Type:

SSU Services
2540482
Hermits Cove
Community

ADDITIONAL INFORMATION:

TECHNICAL SERVICES, INC.
PUBLIC DRINKING WATER ANALYSIS REPORTING

PUBLIC WATER SYSTEM INFORMATION: SSU Services
Public Water System I.D. Number: 2540482
Public Water System Name: Hermits Cove
Public Water System Type: Community

PUBLIC CERTIFICATION INFORMATION:
Lab Certification Number: FDHRS #82145
Parameter Groups Analyzed: Manganese
Subcontracted Lab Number (If Any): Not Applicable

SAMPLE INFORMATION:
Sample Date: October 29, 1992 @ 1515
Laboratory Sample Number: 9210542-2
Sample Location (be specific): Plant #438
Sample Type: Regular Distribution

Sampler's Name and Title: Paul Thompson
Sampler's Company: SSU Services
Sampler's Phone Number: (904) 649-8673

ANALYSIS INFORMATION:
Extraction Date: Not Applicable
Laboratory Contact: Mr. Walter Mock
Resample Request: NO
Analyses Submitted: Manganese

DO HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT ALL DATA
SUBMITTED ARE CORRECT.

James C. Burde
Laboratory Director
TECHNICAL SERVICES, INC.

Date: November 6, 1992

Results mailed to appropriate DER/ACPHU Office by: Customer

DER/ACPHU REVIEWING OFFICIAL

Sample Interpretation (Check One)
() Satisfactory () Unsatisfactory

1399

TECHNICAL SERVICES, INC.
290L DANESE STREET
JACKSONVILLE, FLORIDA 32206
(904) 353-5761

SECONDARY CHEMICAL ANALYSIS
17-550.320
(PWS031)

Parameter ID NAME	Sample Number	Analysis Result (mg/L)	Analytical Method.	Analysis Date
.032 Manganese	9210542-2	<0.03	EPA243.1	11-02-92

1400

TECHNICAL SERVICES, INC.
PUBLIC DRINKING WATER ANALYSIS REPORTING

PUBLIC WATER SYSTEM INFORMATION: SSU Services
Public Water System I.D. Number: 2540482
Public Water System Name: Hermits Cove
Public Water System Type: Community

PUBLIC CERTIFICATION INFORMATION:
Lab Certification Number: FDHRS #82145
Parameter Groups Analyzed: Manganese
Subcontracted Lab Number (If Any): Not Applicable

SAMPLE INFORMATION:
Sample Date: October 30, 1992 @ 0845
Laboratory Sample Number: 9210542-3
Sample Location (be specific): Plant #438
Sample Type: Regular Distribution

Sampler's Name and Title: Paul Thompson
Sampler's Company: SSU Services
Sampler's Phone Number: (904) 649-8673

ANALYSIS INFORMATION:
Collection Date: Not Applicable
Laboratory Contact: Mr. Walter Mock
Sample Request: NO
Analyses Submitted: Manganese

DO HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT ALL DATA
SUBMITTED ARE CORRECT.

James C. Burden
Laboratory Director
TECHNICAL SERVICES, INC.

Date: November 6, 1992

Results mailed to appropriate DER/ACPHU Office by: Customer

DER/ACPHU REVIEWING OFFICIAL

Sample Interpretation (Check One)
() Satisfactory () Unsatisfactory

1401

TECHNICAL SERVICES, INC.
290L DANESE STREET
JACKSONVILLE, FLORIDA 32206
(904) 353-5761

SECONDARY CHEMICAL ANALYSIS
17-550.320
(PWS031)

Parameter ID NAME	Sample Number	Analysis Result (mg/L)	Analytical Method	Analysis Date
032 Manganese	9210542-3	<0.03	EPA243.1	11-02-92



**CHEMICAL
LABORATORIES
INCORPORATED**

Received From:

SSU/Pomona
PO Box 458
Pomona Park, Fl 32181

Date Reported : Nov 3 1992
Project Number : Hermit's Cove
PO Number : B92234
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: DISTRIB. Day 3/ 8:45

Date Sampled: Oct30 1992 Date Received: Oct30 1992 Lab Numbers: 15397-15398

REPORT OF ANALYSIS

Parameter	Unit	Method	%ACC	%PRC	15398
		Detection Limit			
Calcium	mg/L	0.100			-
Chloride	mg/L	0.0150			-
Carbonate CaCO3	mg/L	0.100			-
Hydroxide CaCO3	mg/L	0.100			-
Copper	mg/L	0.00500			-
Bicarbonate CaCO3	mg/L	0.100			-
Bicarbonate HCO3	mg/L	0.100			-
Hydrogen Sulfide	mg/L	0.500			-
Iron	mg/L	0.0100			-
Magnesium	mg/L	0.0100			-
Manganese	mg/L	0.0000400	99.8	.000	<0.0000400
Sulfate	mg/L	0.200			-
Zinc	mg/L	0.00100			-

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.

1403

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

Serving Your Analytical and Environmental Needs Since 1957

Jefferson L. Flowers, Ph.D.
Jefferson S. Flowers, Ph.D.
481 NEWBURYPORT
P.O. BOX 150-597
ALTAMONTE SPRINGS
FLORIDA 32715-0597
BUS: (407) 339-5984



**CHEMICAL
LABORATORIES
INCORPORATED**

Received From:
SSU/Pomona
PO Box 458
Pomona Park, Fl 32181

Date Reported : Nov 3 1992
Project Number : Hermit's Cove
PO Number : B92234
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: DISTRIB. Day 2/ 3:15 p.m.
Date Sampled: Oct29 1992 Date Received: Oct30 1992 Lab Numbers: 15395-15396

REPORT OF ANALYSIS

15396

Parameter	Unit	Method	%ACC	%PRC	
		Detection Limit			
Calcium	mg/L	.0.100			-
Chloride	mg/L	0.0150			-
Carbonate CaCO3	mg/L	0.100			-
Hydroxide CaCO3	mg/L	0.100			-
Copper	mg/L	0.00500			-
Bicarbonate CaCO3	mg/L	0.100			-
Bicarbonate HCO3	mg/L	0.100			-
Hydrogen Sulfide	mg/L	0.500			-
Iron	mg/L	0.0100			-
Magnesium	mg/L	0.0100			-
Manganese	mg/L	0.0000400	99.8	.000	0.0000660
Sulfate	mg/L	0.200			-
Zinc	mg/L	0:00100			-

1404

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.

(Signature)
Jefferson S. Flowers, Ph.D.
President/Technical Director

Serving Your Analytical and Environmental Needs Since 1957

Jefferson L. Flowers, Ph.D.
Jefferson S. Flowers, Ph.D.
481 NEWBURYPORT
P.O. BOX 150-597
ALTAMONTE SPRINGS
FLORIDA 32715-0597
BUS: (407) 339-5984



Received From:
SSU/Pomona
PO Box 458
Pomona Park, Fl 32181

Date Reported : Nov 3 1992
Project Number : Hermit's Cove
PO Number : B92234
FDHRSDW Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
A2LA Number : 0312-01
NCDEHNR Number : 296
SCDHEC Number : 96019

For: DISTRIB. Day 1 / 4:15
Date Sampled: Oct 28 1992 Date Received: Oct 30 1992 Lab Numbers: 15393-15394

REPORT OF ANALYSIS

15394

Parameter	Unit	Method	%ACC	%PRC	
		Detection Limit			
Calcium	mg/L	0.100			-
Chloride	mg/L	0.0150			-
Carbonate CaCO3	mg/L	0.100			-
Hydroxide CaCO3	mg/L	0.100			-
Copper	mg/L	0.00500			-
Bicarbonate CaCO3	mg/L	0.100			-
Bicarbonate HCO3	mg/L	0.100			-
Hydrogen Sulfide	mg/L	0.500			-
Iron	mg/L	0.0100			-
Magnesium	mg/L	0.0100			-
Manganese	mg/L	0.0000400	99.8	.000	<0.0000400
Sulfate	mg/L	0.200			-
Zinc	mg/L	0.00100			-

1405

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.

(Signature)
Jefferson S. Flowers, Ph.D.
President/Technical Director

Serving Your Analytical and Environmental Needs Since 1957

Jefferson L. Flowers, Ph.D.
Jefferson S. Flowers, Ph.D.
481 NEWBURYPORT
P.O. BOX 150-597
ALTAMONTE SPRINGS
FLORIDA 32715-0597
BUS: (407) 339-5984
FAX: (407) 260-6110

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

Public Water System I.D. Number: 2540482

Public Water System Name: _____

Plant Name (If Applicable) Hermits Cove

County _____

Public Water System Type (check one):

Community Non-community Non-Transit, Special Non-community

LABORATORY CERTIFICATION INFORMATION

Lab Certification Number: 82223

Parameter Group(s) Analyzed: Manganese

Subcontracted Lab Certification Number (if any): _____

Gross Alpha 83141 _____

Pesticides 86119 _____

SAMPLE INFORMATION

Sample Date (MMDDYY): 10/28/92 Sample Time: 16:15

Laboratory Sample Number: J210294-02

Sample Location (be specific): Hermit's Cove Distribution (Day 1)

Sample Type (check one):

- Check Regular Distribution Composite
- Clearance Maximum Residence Time Plant Tap
- Raw Well Resample
- Special Compliance

Sampler Name, Title, Phone Paul Thompson

ANALYSIS INFORMATION

Extraction Date (MMDDYY) / /

Laboratory Contact: Karen Kalka

Resample Requested? (check one): Yes No

ANALYSIS SUBMITTED: Turbidity; Inorganic; Trihalomethane; Volatile Organic; Organic Chemical; Secondary Chemical; Radiological; Unregular Organic Purgeable; Unregulated Organic Pesticide; Unregulated Base Neutral Extractable; Unregulated Acid Extractable (Check all analyses which apply.)

I do HEREBY CERTIFY that all data submitted are correct.

Signature *Pamela Rivers*

Name Pamela Rivers

Title Laboratory Manager

Laboratory Envirofact, Inc.

Date 11/17/92

Mail results to the Appropriate DER of ACPHU Office:

DER/ACPHU Reviewing Official: _____

Sample Interpretation (check one): Satisfactory Unsatisfactory

SECONDARY CHEMICAL ANALYSIS

17-550.320

(PWB031)

PARAMETER ID Date	NAME	Sample Number	Location Code	Analysis Result	Analytical (mg/L)	Analysis Method
1016*	Calcium	_____	_____	_____	215.1	_____
1017	Chloride	_____	_____	_____	325.3	_____
1019*	Carbonate CaCO ₃	_____	_____	_____	310.1	_____
1021*	Hydroxide CaCO ₃	_____	_____	_____	310.1	_____
1022	Copper	_____	_____	_____	220.1	_____
1023*	Bicarbonate CaCO ₃	_____	_____	_____	310.1	_____
1025	Fluoride - - Please enter as a primary on screen PWS030					
1026*	Bicarbonate HCO ₃	_____	_____	_____	310.1	_____
1027*	Hydrogen Sulfide	_____	_____	_____	376.1	_____
1028	Iron	_____	_____	_____	236.1	_____
1031*	Magnesium	_____	_____	_____	242.1	_____
1032	Manganese	J210294-2	_____	<0.010	243.1	11/02/92
1055	Sulfate	_____	_____	_____	375.4	_____
1095	Zinc	_____	_____	_____	289.1	_____
1901	Carbon Dioxide	_____	_____	_____	406A Std. Meth	_____
1905	Color (color units)	_____	_____	_____	110.2	_____
1915*	Total Hardness	_____	_____	_____	130.2	_____
1917*	NCH as CaCO ₃	_____	_____	_____	Calc.	_____
1920	Odor (total odor number)	_____	_____	_____	207 Std.Meth	_____

Comments:

1407

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

Public Water System I.D. Number: 2540482
Public Water System Name:
Plant Name (If Applicable) Hermit's Cove
County
Public Water System Type (check one):
() Community () Non-community () Non-Transit, Special Non-community

LABORATORY CERTIFICATION INFORMATION

Lab Certification Number: 82223
Parameter Group(s) Analyzed: Manganese
Subcontracted Lab Certification Number (if any):
Gross Alpha 83141
Pesticides 86119

SAMPLE INFORMATION

Sample Date (MMDDYY): 10/29/92 Sample Time: 15:15
Laboratory Sample Number: J210293-02
Sample Location (be specific): Hermit's Cove Distribution (Day 2)
Sample Type (check one):
() Check () Regular Distribution () Composite
() Clearance () Maximum Residence Time () Plant Tap
() Raw () Well () Resample
() Special (x) Compliance

Sampler Name, Title, Phone Paul Thompson

ANALYSIS INFORMATION

Extraction Date (MMDDYY)
Laboratory Contact: Karen Kalka
Resample Requested? (check one): () Yes () No

ANALYSIS SUBMITTED: Turbidity; Inorganic; Trihalomethane; Volatile Organic; Organic Chemical; Secondary Chemical; Radiological; Unregular Organic Purgeable; Unregulated Organic Pesticide; Unregulated Base Neutral Extractable; Unregulated Acid Extractable (Check all analyzes which apply.)

I do HEREBY CERTIFY that all data submitted are correct.

Signature Pamela Rivers

Name Pamela Rivers

Title Laboratory Manager

Laboratory Enviropact, Inc.

Date 11/17/92

Mail results to the Appropriate DER of ACPHU Office:

DER/ACPHU Reviewing Official:

Sample Interpretation (check one):
() Satisfactory () Unsatisfactory

SECONDARY CHEMICAL ANALYSIS

17-550.320

(PWS031)

PARAMETER ID Date	NAME	Sample Number	Location Code	Analysis Result	Analytical (mg/L)	Analysis Method
1016*	Calcium	_____	_____	_____	215.1	_____
1017	Chloride	_____	_____	_____	325.3	_____
1019*	Carbonate CaCO ₃	_____	_____	_____	310.1	_____
1021*	Hydroxide CaCO ₃	_____	_____	_____	310.1	_____
1022	Copper	_____	_____	_____	220.1	_____
1023*	Bicarbonate CaCO ₃	_____	_____	_____	310.1	_____
1025	Fluoride - - Please enter as a primary on screen PWS030					
1026*	Bicarbonate HCO ₃	_____	_____	_____	310.1	_____
1027*	Hydrogen Sulfide	_____	_____	_____	376.1	_____
1028	Iron	_____	_____	_____	236.1	_____
1031*	Magnesium	_____	_____	_____	242.1	_____
1032	Manganese	J210293-2	_____	<0.010	243.1	11/02/92
1055	Sulfate	_____	_____	_____	375.4	_____
1095	Zinc	_____	_____	_____	289.1	_____
1901	Carbon Dioxide	_____	_____	_____	406A Std. Meth	_____
1905	Color (color units)	_____	_____	_____	110.2	_____
1915*	Total Hardness	_____	_____	_____	130.2	_____
1917*	NCH as CaCO ₃	_____	_____	_____	Calc.	_____
1920	Odor (total odor number)	_____	_____	_____	207 Std.Meth	_____

Comments:

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION

Public Water System I.D. Number: 2540482

Public Water System Name: _____

Plant Name (If Applicable) Hermit's Cove

County _____

Public Water System Type (check one):

() Community () Non-community () Non-Transit, Special Non-community

LABORATORY CERTIFICATION INFORMATION

Lab Certification Number: 82223

Parameter Group(s) Analyzed: Manganese

Subcontracted Lab Certification Number (if any): _____

Gross Alpha 83141 _____

Pesticides 86119 _____

SAMPLE INFORMATION

Sample Date (MMDDYY): 10/30/92 Sample Time: 08:45

Laboratory Sample Number: J210292-02

Sample Location (be specific): Hermit's Cove Distribution (Day 3)

Sample Type (check one):

- () Check () Regular Distribution () Composite
- () Clearance () Maximum Residence Time () Plant Tap
- () Raw () Well () Resample
- () Special (x) Compliance

Sampler Name, Title, Phone Paul Thompson

ANALYSIS INFORMATION

Extraction Date (MMDDYY) / /

Laboratory Contact: Karen Kalka

Resample Requested? (check one): () Yes () No

ANALYSIS SUBMITTED: Turbidity; Inorganic; Trihalomethane; Volatile Organic; Organic Chemical; Secondary Chemical; Radiological; Unregular Organic Purgeable; Unregulated Organic Pesticide; Unregulated Base Neutral Extractable; Unregulated Acid Extractable (Check all analyses which apply.)

I do HEREBY CERTIFY that all data submitted are correct.

Signature *Pamela Rivers*

Name Pamela Rivers

Mail results to the
Appropriate DER of ACPHU
Office:

Title Laboratory Manager

Laboratory Envirofact, Inc.

Date 11/17/92

DER/ACPHU Reviewing Official: _____

Sample Interpretation (check one):
() Satisfactory () Unsatisfactory

SECONDARY CHEMICAL ANALYSIS

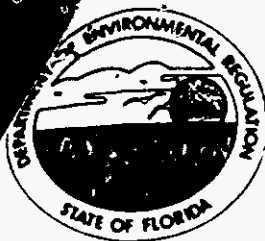
17-550.320

(PWS031)

PARAMETER ID Date	NAME	Sample Number	Location Code	Analysis Result	Analytical (mg/L)	Analysis Method
1016*	Calcium	_____	_____	_____	215.1	_____
1017	Chloride	_____	_____	_____	325.3	_____
1019*	Carbonate CaCO ₃	_____	_____	_____	310.1	_____
1021*	Hydroxide CaCO ₃	_____	_____	_____	310.1	_____
1022	Copper	_____	_____	_____	220.1	_____
1023*	Bicarbonate CaCO ₃	_____	_____	_____	310.1	_____
1025	Fluoride - - Please enter as a primary on screen PWS030					
1026*	Bicarbonate HCO ₃	_____	_____	_____	310.1	_____
1027*	Hydrogen Sulfide	_____	_____	_____	376.1	_____
1028	Iron	_____	_____	_____	236.1	_____
1031*	Magnesium	_____	_____	_____	242.1	_____
1032	Manganese	J210292-2	_____	<0.010	243.1	11/02/92
1055	Sulfate	_____	_____	_____	375.4	_____
1095	Zinc	_____	_____	_____	289.1	_____
1901	Carbon Dioxide	_____	_____	_____	406A Std. Meth	_____
1905	Color (color units)	_____	_____	_____	110.2	_____
1915*	Total Hardness	_____	_____	_____	130.2	_____
1917*	NCH as CaCO ₃	_____	_____	_____	Calc.	_____
1920	Odor (total odor number)	_____	_____	_____	207 Std.Meth	_____

Comments:

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Florida Department of Environmental Regulation

Northeast District • Suite B200, 7825 Baymeadows Way • Jacksonville, Florida 32256-7577

Lawton Chiles, Governor

Carol M. Browner, Secretary

December 22, 1992

Mr. Bert Phillips
SSU Services, Inc.
1000 Color Place
Apopka, FL 32703

Dear Mr. Phillips:

Putnam County - PW
Wootens MHP
PWS ID: 2541280

On November 6, 1992, I did a reinspection of the referenced drinking water system with Paul Thompson present. The chlorine level was satisfactory and the plant appeared to be operating well. Chemical rechecks were received as follows:

<u>Date</u>	<u>Parameter</u>	<u>Reported Value</u>	<u>MCL</u>
06/02/92	Turbidity	2.5	5.0
06/03/92	Turbidity	11.0	5.0
Average	Turbidity	6.75	5.0
06/02/92	Color	10	15
06/03/92	Color	30	15
06/04/92	Color	30	15
Average	Color	23.3	15
06/02/92	Odor	<1	3
06/03/92	Odor	1	3
06/04/92	Odor	<1	3
Average	Odor	<1	3

These rechecks again confirm the color and turbidity MCL violations confirmed in the March 1992 rechecks. The odor MCL has been cleared.

The July 3, 1992 response from Mel Fisher of your staff states, "We expect to provide our corrective action plans by next month." No further information has been received. Steps must be taken at this time to correct these violations or formal enforcement must be pursued.

Administration 448-4300
Air 448-4310
Waste Management 448-4320



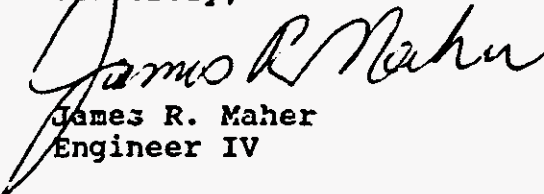
Water Facilities 448-4330
Water Management 448-4340
FAX 448-4366

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Mr. Bert Phillips
December 22, 1992
Page Two

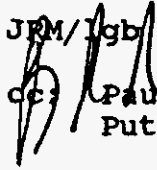
Please respond in writing within 15 days of receipt of this letter. If you have any questions, please call me at (904) 448-4330, extension 305. Your cooperation with Florida's Safe Drinking Water Act is appreciated.

Sincerely,



James R. Maher
Engineer IV

JRM/lgb



cc: Paul Thompson
Putnam County Health Department

General Offices

1000 Color Place
Apopka, FL 32703
(407) 880-0058



December 11, 1992

Mr. Frank P. Huttner, Section Supervisor
Florida Department of Environmental Regulation
Drinking Water Permitting
3319 Maguire Blvd., Suite 232
Orlando, Florida 32803

Re: Seminole County - PW
Replacement for Chuluota Water Distribution
System for 2nd and 3rd Street
Required FDER
Permit - None

Dear Mr. Huttner:

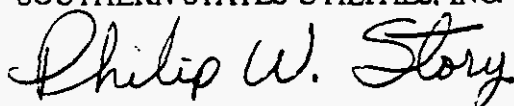
We are submitting the following:

1. Signed and sealed Record Drawings (attached).
2. The results of sampling and analysis for this project (attached).

If you need any additional information, please call me at 884-8777, extension 437.

Sincerely,

SOUTHERN STATES UTILITIES, INC.



Philip W. Story
Assistant Engineer II

PS:vs

Enclosure

cc: Chris Arcand
Don Corder
Bruce Paster
Jim Ragsdale
Ralph Terrero

RECEIVED
DEC 12 1992
SSU ENGINEERING

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