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

1330

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

DOCUMENT NUMBER-DATE

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01340

TECHNICAL SERVICES, INC. PUBLIC DRINKING WATER ANALYSIS REPORTING

PUBLIC WATER SYSTEM INFORMATION:	SSU Services
ublic Water System I.D. Number:	2540482
ublic Water System Name:	Hermits Cove
ublic Water System Type:	Community
'UBLIC CERTIFICATION INFORMATION: ab Certification Number: FDHRS #82 arameter Groups Analyzed: Manganes ubcontracted Lab Number (If Any): AMPLE INFORMATION: ample Date: October 28. 1992 aboratory Sample Number: 921 ample Location (be specific): Plan	2145 Be Not Applicable 1615 10542-1 Dt #438
ample Type: Regular Distributi	ion
ampler's Company: <u>SSU</u>	Thompson Services) 649-8673
NALYSIS INFORMATION: xtraction Date: Not Applicable aboratory Contact: Mr. Walter Mock esample Request: NO nalyses Submitted: Manganese	
DO HEREBY CERTIFY TO THE BEST OF JBMITTED ARE CORRECT. Some Clurden aboratory Director ECHNICAL SERVICES, INC.	MY KNOWLEDGE AND BELIEF THAT ALL DATA
ate: November 6. 1992	
sults mailed to appropriate DER/A	CPHU Office by: Customer
DER/ACP	HU REVIEWING OFFICIAL
Sample Int () Satisfa	erpretation (Check One) ectory () Unsatisfactory 1391

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

SECONDARY CHEMICAL ANALYSIS 17-550.320 (PWS031)

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

TECHNICAL SERVICES, INC. PUBLIC DRINKING WATER ANALYSIS REPORTING

PUBLIC WATER SYSTEM INFORMATION:	SSU Services
Public Water System I.D. Number:	
Public Water System I.D. Number: Public Water System Name: Public Water System Type:	Hermits Cove
Public Water System Type:	Community
PUBLIC CERTIFICATION INFORMATION: Lab Certification Number: FDHRS #8 Parameter Groups Analyzed: Mangane Subcontracted Lab Number (If Any):	82145 ese
SAMPLE INFORMATION:	A 4545
Sample Date: October 29. 1992	
_aboratory Sample Number:92	
Sample Location (be specific): Pla	
Sample Type: <u>Regular Distribut</u>	.1011
Sampler's Name and Title:Pau	il Thompson
Sampler's Company: . SSI	I Services
Sampler's Company: SSU Sampler's Phone Number: (904) 649-8673
201 C 1 110110 Hambot 1	
ANALYSIS INFORMATION:	
Extraction Date: Not Applicabl	<u>e</u>
aboratory Contact: Mr. Walter Moc	·k
Resample Request: NO	•
Analyses Submitted: Manganese	`
DO HEREBY CERTIFY TO THE BEST OF SUBMITTED ARE CORRECT. Starmer (Surden aboratory Director ECHNICAL SERVICES, INC.	MY KNOWLEDGE AND BELIEF THAT ALL DATA
ate: November 6. 1992	-
esults mailed to appropriate DER/	ACPHU Office by: Customer
DER/ACI	PHU REVIEWING OFFICIAL
	terpretation (Check One) actory () Unsatisfactory

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

SECONDARY CHEMICAL ANALYSIS 17-550.320 (PWS031)

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

TECHNICAL SERVICES, INC. PUBLIC DRINKING WATER ANALYSIS REPORTING

JBLIC WATER SYSTEM INFORMATION:	SSU Services
blic Water System I.D. Number:	_2540482
iblic Water System Name:	Hermits Cove
blic Water System Type:	Community
JBLIC CERTIFICATION INFORMATION: .b Certification Number: FDHRS #8 .rameter Groups Analyzed: Mangane .bcontracted Lab Number (If Any):	S9 ·
MPLE INFORMATION:	•
mple Date: <u>October 30. 1992</u>	0845
boratory Sample Number:92	
mple Location (be specific): Pla	nt #438
mple Type: Regular Distribut	
	1 Thompson
mpler's Company: <u>SSU</u>	Services
mpler's Company: SSU mpler's Phone Number: (904) 649-8673
ALYSIS INFORMATION: traction Date: Not Applicable boratory Contact: Mr. Walter Moc	
sample Request: NO	• •
alyses Submitted: Manganese	• •
DO HEREBY CERTIFY TO THE BEST OF BMITTED ARE CORRECT.	MY KNOWLEDGE AND BELIEF THAT ALL DATA
Fores CBurden	_
oratory Director	
CHNICAL SERVICES, INC.	
te: <u>November 6. 1992</u>	_
sults mailed to appropriate DER/A	CPHU Office by: Customer
DER/ACF	HU REVIEWING OFFICIAL
•	
Sample In () Satisfa	terpretation (Check One) actory () Unsatisfactory :: 1395
	100

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

SECONDARY CHEMICAL ANALYSIS 17-550.320 (PWS031)

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

TECHNICAL SERVICES, INC. PUBLIC DRINKING WATER ANALYSIS REPORTING

PUBLIC WATER SYSTEM INFO	RMATION:	SSU Services	
Public Water System I.D.	Number:	2540482	
Public Water System Name		Hermits Cove	
Public Water System Type	:	Community	
PUBLIC CERTIFICATION INF Lab Certification Number Parameter Groups Analyze Subcontracted Lab Number	: FDHRS #8	Se ·	
SAMPLE INFORMATION:			
Sample Date: October	28 1992	0 1615	
		10542-1	
Sample location (he spec	ific): Pla	nt #438	
Sample Type:Regular	Distribut	ion	
Sampler's Name and Title	: Pau	l Thompson	
Sampler's Company:		Services	
Sampler's Phone Number:) 649-8673	
ANALYSIS INFORMATION: Extraction Date: Not Laboratory Contact: Mr. Resample Request: NO Analyses Submitted: Manga	Walter Moci anese	k MY KNOWLEDGE AND BELIEF THAT ALL I	DATA
NUBMITTED ARE CORRECT.		•	
Deman M. A.			
Jones C/Surden		•	
_aboratory Director	,		
TECHNICAL SERVICES, INC.	•		
Date: November 6.	992	· •	
Results mailed to appropr	iate DER/A	CPHU Office by: Customer	
	DER/ACP	PHU REVIEWING OFFICIAL '	
	Sample Int	terpretation (Check One)	•
		actory () Unsatisfactory	

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

SECONDARY CHEMICAL ANALYSIS 17-550.320 (PWS031)

Parameter	Sample	Analysis	Analytical	Analysis
ID NAME	Number	Result (mg/L)	Method	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:

SSU Services

2540482

Public Water System Name:

Public Water System Type:

Community

TECHNICAL SERVICES; INC. PUBLIC DRINKING WATER ANALYSIS REPORTING

PUBLIC WATER SYSTEM INFORMATION:	SSU Services
Public Water System I.D. Number:	2540482
'ublic Water System Name:	Hermits Cove
Public Water System Type:	Community
PUBLIC CERTIFICATION INFORMATION: ab Certification Number: FDHRS #82 arameter Groups Analyzed: Manganes ubcontracted Lab Number (If Any):	e
AMPLE INFORMATION:	
ample Date: October 29, 1992 @	
aboratory Sample Number: 921	
ample Location (be specific): Plan	
ample Type: Regular Distribution	on
ampler's Name and Title: Paul	Thompson
	Services
ampler's Phone Number: (904)	649-8673
NALYSIS INFORMATION:	
xtraction Date: Not Applicable	
aboratory Contact: Mr. Walter Mock	
esample Request: NO	, ` <u>,</u>
nalyses Submitted: Manganese	•
DO HEREBY CERTIFY TO THE BEST OF A JBMITTED ARE CORRECT. Samue Claude aboratory Director	Y KNOWLEDGE AND BELIEF THAT ALL DATA
ECHNICAL SERVICES, INC.	
1te: <u>November 6. 1992</u>	
esults mailed to appropriate DER/AC	PHU Office by: Customer
DER/ACPH	U REVIEWING OFFICIAL
	1393
	erpretation (Check One)

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

SECONDARY CHEMICAL ANALYSIS 17-550.320 (PWS031)

'ara	meter	Sample	Analysis	Analytical	Analysis
[D	NAME	Number	Result (mg/L)	Method.	Date
.032	Manganese	9210542-2	(0.03	EPA243.1	11-02-92

TECHNICAL SERVICES, INC. PUBLIC DRINKING WATER ANALYSIS REPORTING

	erpretation (Check One) ctory () Unsatisfactory : 1401
• DER/ACP	HU REVIEWING OFFICIAL
DED (ACD)	UHI DEUTELITMO DEETOTAL
sults mailed to appropriate DER/A	CPHU Office by: Customer
te: <u>November 6, 1992</u>	
CHNICAL SERVICES, INC.	•
aboratory Director	
anes Churden	
JBMITTED ARE CORRECT.	
	MY KNOWLEDGE AND BELIEF THAT ALL DATA
nalyses Submitted: Manganese	
sample Request: NO	
<pre><traction date:<="" td=""><td></td></traction></pre>	
VALYSIS INFORMATION:	
TIMPLE S FILOTIO MIGILIDAL . (704)	<u> </u>
	<u>Services</u> 649-8673
	Thompson -
zmpre 19pe. Regular Distributi	VII
ample Location (be specific): Planample Type: Regular Distribution	nt #438
	10542-3
ample Date: October 30, 1992 (0845
AMPLE INFORMATION:	
ubcontracted Lab Number (If Any):	
arameter Groups Analyzed: Manganes	
UBLIC CERTIFICATION INFORMATION: ab Certification Number: FDHRS #83	21.45
•	
ublic Water System Name: ublic Water System Type:	Community
ublic Water System I.D. Number:	2540482 Hermits Cove
UBLIC WATER SYSTEM INFORMATION:	SSU Services

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

SECONDARY CHEMICAL ANALYSIS 17-550.320 (PWS031)

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



CHEMICAL LABORATORIES

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:Occ30 1992 Lab Numbers: 15397-15398

REPORT OF ANALYSIS

Parameter	Unit	Method %ACC Detection	%PRC	15398	•
Calcium	mg/L	Limit 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	<0.000040	0
Sulfate	mg/L	0.200	•		- , `
Zinc	mg/L	0.00100			-

Data Release Authorization. The sample integrity and reliability certified by Lab personnel prior to analysis. 1403 sethods of analysis in accordance with FCL QA and EPA approved methodology. This Report of Analysis hay not be reproduced in part.

President/Technical Director

Serving Your Analytical and Environmental Needs Since 1957

Page 2 of 6

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

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

Parameter	Unit		%ACC %PRC	15396			
		Detection Limit					
Calciu	m mg/L	.0.100)		-		
Chloride	e mg/L	0.0150)		-		
Carbonate CaCO	3 mg/L	0.100	•		-		
Hydroxide CaCO	B 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	0.000066	50		
Sulfate	mg/L	0.200			-	. •	
Zinc	mg/L	0:00100			_		14
							-4.

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.

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

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Page 2 of 6

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 INCORPORATIO

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:Oct28 1992 Date Received:Oct30 1992 Lab Numbers: 15393-15394

REPORT OF ANALYSIS

Parameter	Unit	Method Detection	*ACC	%PRC	15394			
Calciu	m mg/L	Limit 0.100	•		•	-		
Chloride	e mg/L	0.0150)			-		
Carbonate CaCO	mg/L	0.100	ı			-		
Hydroxide CaCO	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	•			-		
Manganes e	mg/L	0.0000400	99.8	.000	<0.000040	0		
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.

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

Serving Your Analytical and Environmental Needs Since 1957
Page 2 of 6

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

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION Public Water System I.D. Number:	/e `
LABORATORY CERTIFICATION INFORMATION Lab Certification Number: 82223 Parameter Group(s) Analyzed: Manganese Subcontracted Lab Certification Number (if a Gross Alpha 83141 Pesticides 86119 BAMPLE INFORMATION	iny):
Sample Date (MMDDYY): 10/28/92 Sample Ti Laboratory Sample Number: J210294-02 Sample Location (be specific): Hermit's Cove Sample Type (check one):	
() Check () Regular Distribution () Clearance () Maximum Residence Tim () Raw () Well () Special (x)Compliance	
Sampler Name, Title, Phone Paul Thompson	
ANALYSIS INFORMATION Extraction Date (MMDDYY)/ Laboratory Contact: Karen Kalka Resample Requested? (check one): () Yes ()	
ANALYSIS SUBMITTED: Turbidity; Inorganic; Trihalomethane; Volatile Radiological; Unregular Organic Purgeable; Unregulated Organic Pesticide; Unregulated (Check all analyses which apply.) I do HEREBY CERTIFY that all data submitted a	d Base Neutral Extractable_; Unregulated Acid Extractable
Signature Daniel 2	•
Name Pamela Rivers	Mail results to the
Title <u>Laboratory Manager</u>	Appropriate DER of ACPHU Office:
Laboratory Enviropact, Inc.	
Date _////92	· ·
DER/ACPHU Reviewing Offic	ial:
Sample Interpretation (ch () Satisfactory () Unsa	

BECONDARY CHEMICAL ANALYSIS 17-550.320

			(PWSO	31)		
PARAME ID Date	TER NAME	Sample Number	Location Code	Analysis	Analytica (mg/L) M	l Analysis ethod
1016*	Calcium				_215.1	,
1017	Chloride				325.3	
1019*	Carbonate CaCO ₃	·			310.1	
1021*	Hydrox ide CaCO ₃				310.1	***************************************
1022	Copper				220.1	
1023*	Bicarbonat CaCO ₃	e			310.1	
1025	Fluoride -	- Please	enter as a	primary on scr	een PWS030	٠,
1026*	Bicarbonat	e			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	<u></u> -			375.4	
1095	Zinc				289.1	
1901	Carbon Dioxide				406A Std.	
1905	Color (color unit	ts)		4 ····	110.2	
1915* Te	otal ardness		·	,	130.2	
1917* No Ca	CH as aCO ₃	·			Calc.	
	dor (total dor number)				07 Std.Met	h
Comments	5:					1407
						i

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION Public Water System I.D. Number: 2540482	٠,
Public Water System Name: Plant Name (If Applicable) Hermit's Co	4
County	ove
Public Water System Type (check one): () Community () Non-community () Non-	Fransit, Special Non-community
LABORATORY CERTIFICATION INFORMATION Lab Certification Number: 82223 Parameter Group(s) Analyzed: Manganese Subcontracted Lab Certification Number (if a Gross Alpha 83141 Pesticides 86119 SAMPLE INFORMATION	•
Sample Date (MMDDYY): 10/29/92 Sample Ti Laboratory Sample Number: <u>J210293-02</u>	
Sample Location (be specific): <u>Hermit's Cove</u> Sample Type (check one):	Distribution (Day 2)
() Check () Regular Distribution () Clearance () Maximum Residence Tim () Raw () Well () Special (x) Compliance	() Composite ne () Plant Tap () Resample
Sampler Name, Title, Phone Paul Thompson	
ANALYSIS INFORMATION Extraction Date (MMDDYY)/ Laboratory Contact: <u>Karen Kalka</u> Resample Requested? (check one): () Yes ()	No
ANALYSIS SUBMITTED: Turbidity; Inorganic; Trihalomethane; Volatike Radiological; Unregular Organic Purgeable; Unregulated Organic Pesticide; Unregulated (Check all analyses which apply.)	e Organic_x; Organic Chemical_; Secondary Chemical_; d Base Neutral Extractable_; Unregulated Acid Extractable
I do HEREBY CERTIEY that all data submitted a	are correct.
Signature Dameh 2	
Vame Pamela Rivers	Mail results to the
Title Laboratory Manager :	Appropriate DER of ACPHU Office:
aboratory Enviropact, Inc.	<u>:</u>
Date _///17/92	;
DER/ACPHU Reviewing Offic	eial:
Sample Interpretation (cl	

BECONDARY CHEMICAL ANALYSIS 17-550.320 (PMS031)

			(PW80)	31)		• *
PARAME ID Date	TER NAME	Sample Number	Location Code	Analysis Result	Analytica (mg/L) 1	al Analysis fethod
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 p	primary on scr	een PWS030	
1026* 1027*	Bicarbonate HCO ₃ Hydrogen		•		310.1	
1027~	Sulfide .				376.1	
1028	Iron .				236.1	-
1031*	Magnesium _				242.1	
1032	Manganese 🔾	<u> 7210293-2</u>		<0.010	243,1	11/02/92
1055	Sulfate _	····		•	375.4	
1095	Zinc _				289.1	
1901	Carbon Dioxide _	<u>:</u> _			406A Std.	Meth
1905	Color	-	· · · · · · · · · · · · · · · · · · ·		110.2	
1915* T H	otal ardness _				130.2	
1917* N	CH as aCO ₃		···		Calc.	
	dor (total dor number) _			· 2	07 Std.Met	h
Comment	5 •				-	

PUBLIC DRINKING WATER ANALYSIS REPORTING FORMAT

PUBLIC WATER SYSTEM INFORMATION Public Water System I.D. Number:						
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						
Sampler Name, Title, Phone Paul Thompson ANALYSIS INFORMATION						
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 Tanul 7						
Name Pamela Rivers Mail results to the Appropriate DER of ACPHU Office:						
Date _// /17 /92 DER/ACPHU Reviewing Official:						
Sample Interpretation (check one): 1410 () Satisfactory () Unsatisfactory						

SECONDARY CHEMICAL ANALYSIS 17-550.320 (PMS031)

			(PWS			:
PARA ID Date	 	Sample Number	Location Code	Analysis Result		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	* Bicarbonat CaCO ₃	e	,	<u> </u>	310.1	
1025	Fluoride -	- Please	enter as a	primary on scr	een PWS030	
1026:	HCO ₃	e 			310.1	
	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 unit	:s)			110.2	
1915*	Total Hardness				130.2	· · ·
1917*	NCH as CaCO ₃		· · · · · · · · · · · · · · · · · · ·	•	Calc.	
1920	Odor (total odor number)			·. 2	:: 07	h
Comme			· · · · · · · · · · · · · · · · · · ·	£	- County	4



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



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

Paul Thompson

Putnam County Health Department



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

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

DEC 12 1992