CLASS A WATER AND/OR WASTEWATER UTILITIES

FINANCIAL, RATE AND ENGINEERING MINIMUM FILING REQUIREMENTS

OF

FLORIDA PUBLIC UTILITIES COMPANY FERNANDINA BEACH WATER DIVISION

DOCKET NO. 990535-WU

VOLUME 2 (Additional Engineering Information)

FOR THE PROJECTED TEST YEAR ENDING DECEMBER 31, 2000 THE INTERMEDIATE YEAR ENDING DECEMBER 31, 1999 AND THE HISTORICAL BASE YEAR ENDED DECEMBER 31, 1998

DOCUMENT NUMBER-DATE

08537 JUL 198

FPSC-RECORDS/HEPORTING

FLORIDA PUBLIC UTILITIES COMPANY

DOCKET NO.

APPLICATION TO INCREASE RATES AND CHARGES

IN

NASSAU COUNTY, FLORIDA

ADDITIONAL ENGINEERING INFORMATION

ADDITIONAL ENGINEERING INFORMATION

INDEX

Description	Section	Page #s
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SECTION 1

Detailed Map

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STATE OF FLORIDA



OFFICE OF COMMISSION CLERK
ANN COLE
COMMISSION CLERK

Hublic Service Commission

Maps

Docket No.: 990535-WU

Docket Title: Request for approval of increase in water rates in Nassau County by Florida Public Utilities Company (Fernandina Beach System).

08537-99: FPUC (Horton) - Volume 2 of MFRs (Additional Engineering Information). [CLK Note: Map Exhibits 1-3 can be found in maps microfilm.]

SECTION 2

List of Chemicals Used for Water Treatment

FLORIDA PUBLIC UTILITIES COMPANY TREATMENT CHEMICALS January 1998 - April 1999

Company	Description	Amount
Jones Chemicals	2 Ton Liquid Chlorine	\$ 909.50
Jones Chemicals	3 Ton Liquid Chlorine	\$1,364.25
Jones Chemicals	2 Ton Liquid Chlorine	\$ 909.50
Jones Chemicals	2 Ton Liquid Chlorine	\$ 901.00
Jones Chemicals	2 Ton Liquid Chlorine	\$ 901.00
Jones Chemicals	2 Ton Liquid Chlorine	\$ 901.00
Jones Chemicals	3 Ton Liquid Chlorine	\$1,351.50
Jones Chemicals	3 Ton Liquid Chlorine	\$1,351.50
Jones Chemicals	3 Ton Liquid Chlorine	\$1,351.50
Jones Chemicals	1 Ton Liquid Chlorine	\$ 450.50
Jones Chemicals	3 Ton Liquid Chlorine	\$1,351.50
Jones Chemicals	1 Ton Liquid Chlorine	\$ 450.50
Jones Chemicals	3 Ton Liquid Chlorine	\$1,351.50
Jones Chemicals	1 Ton Liquid Chlorine	\$ 450.50
Jones Chemicals	3 Ton Liquid Chlorine	\$1,351.50
Jones Chemicals	3 Ton Liquid Chlorine	\$1,351.50
Jones Chemicals	2 Ton Liquid Chlorine	\$ 901.00
	Total	\$18,508.75
	Jones Chemicals	Jones Chemicals Jones Chemical



Your Account Number Appears below Please refer to this Number when Ordering THANK YOU!

- BARBERTON, OH - BEECH GROVE, IN - CALEDONIA, NY · CHARLOTTE, MC . FESTUS, MO · FORT LAUDERDALE, FL. · HENDERSON, NY

KSONVALE, FL MILFORD, VA MOBILE, AL

- TAGONA, WA - TORRANCE, CA - WARWICK, NY - WYANDOTTE, MI

INVOICE NO.

v. New York 14482 8933 800 716) 768 6281 JAX98-00103 COUNT 317805 03 UMBER LOCATION NUMBER 1.0 TO Florida Public Utility Co. Water Plant 01/07/98 DATE Post Office Box 418 Sadler Road SEND ALL REMITTANCES TO Fernandina Beach, FL 32034 JONES CHEMICALS, INC. **80 MUNSON STREET** LE ROY, NEW YORK 14482-8933-800 WATER AND SEWAGE TREATMENT CHEMICALS—INDUSTRIAL CHEMICALS PLEASE PAY BY THIS INVOICE NUMBER STATEMENT RENDERED UPON REQUEST TERMS-NET 30 DAYS SALESMANS SHIP DATE ** POHASE ORDER CONTRACT NO SHIP VIA FREIGHT SHIPPED FROM COD. TAX EXEMPT THIRD PARTY CODE 269 01/02/98 Strickland Jax, FL DESCRIPTION OF ARTICLES PACKAGE PRODUCT SALES UNIT KIND OF PACKAGE НМ ORDERED SHIPPED 'ii... UNIT AMOUNT CHITEREC PROPER DOT SHIPPING NAME PRICE NUMBER TYPE NO. 425.00 2 2 2000# Cont RO Chlorine 1001 004 850.00 ton Net: 4,000# 6% Florida State Sales Tax 51.00 8.50 1% Nassau Cnty Sales Tax 909.50 Ton No. 66016522 66016828 ONES CHEMICALS, INC. CERTIFIES THAT THE REQUESED POLLUTANTS TAX OF \$0.07 PER BARREL HAS BEEN PAID TO THE STATE OF FLORIDA FOR ELIGIBLE PRODUCTS INCLUDED IN THIS SHIPMENT.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE. CONTRACT ACCOUNTS SUBJECT TO TERMS OF CONTRACT.

YOUR CONFIDENCE AND YOUR BUSINESS IS APPRECIATED - THANK YOU!

ACCEPTANCE OF PRODUCT COVERED BY THIS DOCUMENT CONSTITUTES ACCEPTANCE BY PURCHASER OF INDEMNIFICATION AGREEMENT PRINTED ON REVERSE SIDE.

DELIVERY TICKET NO.

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- pert fy that these goods were produced in compliance with all applicable requirements of Sections 6, 7, and 12 of the Fair Labor t Act as amended and of regulations and orders of the United States Department of Labor Issued under Section 14 thereof.

CONTAINERS, 2000 FIZE, \$2000 EACH: 150 FIZE, \$200 EACH: FOR SAFETY AND ECONOMY, USE CONTAINERS PROMPTLY IN ORDE OF RECEIPT, AND IN ACCORDANCE WITH INSTRUCTIONS FROM YOUR SUPPLIERS, DEMURRAGE CHARGES ON ALL STEEL CONTAINERS NOT RETURNED ARE APPLICABLE AS FOLLOWS: 2000 SIZE. \$3.00 PER DAY AFTER THREE MONTHS FROM DATE OF DELIVERY, ALL OTHER STEEL CONTAINERS IS AT ALL TIMES VESTED IN JONES CHEMICALS, INC. CUSTOMER AGREES TO PROTECT JONES CHEMICALS, SIZES, \$0.20 PER DAY AFTER SIX MONTHS FROM DATE OF DELIVERY, ALL DEMURRAGE CHARGES ARE DUE AND PAYABLE WITHIN TO

CHEMICALS

Le Roy, New York 14482-8933-800

Fernandina Beach, FL

Jones Chemicals, Inc.

TEL (716) 768-6281

Your Account Number Appears below Please refer to this Number when Ordering THANK YOU!

32034

· FORT LAUDERDALE, FL HENDERSON, NY

WATER AND SEWAGE TREATMENT CHEMICALS INDUSTRIAL CHEMICALS

· WYANDOTTE, MI

INVOICE NO.	
	JAX98-00105

ACCOUNT. HURSER 317805 LOCATION NUMBER 02 Florida Public Utility Co. Post Office Box 418

11th Street & Atlantic Ave.

01/07/98 DATE

SEND ALL REMITTANCES TO JONES CHEMICALS, INC. **80 MUNSON STREET**

LE ROY, NEW YORK 14482-8933-800

						ATMENT CHEMI	CALS-IMDO2	HIAL CHE	MICALS					
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EACK CHOTRED	ORDERED	SHIPPED	KIND OF P	ACKAGE	нм	•	DESCRIPTION OF PROPER DOT SHIP		PRODUCT NUMBER	PACKAGE NO.	SALES	UNIT PRICE	UNIT	TAUOMA
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						6% Florida 1% Nassau C	State Sales Inty Sales T							51.00 8.50 \$ 909.50
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HANGE WITHOUT NOTICE: CONTRACT ACCOUNTS SUBJECT YOUR CONFIDENCE AND YOUR BUSINESS IS APPRECIATED - THANK YOU!

ACCEPTANCE OF PRODUCT COVERED BY THIS DOCUMENT CONSTITUTES ACCEPTANCE BY PURCHASER OF INDEMNIFICATION AGREEMENT PRINTED ON REVERSE SIDE.

DELIVERY TICKET NO.

We troubly curify that those goods were produced in compliance with all applicable requirements of Sections 6, 7, and 12 of the Fair Labor standards Ast as amended and of regulations and orders of the United States Department of Labor Issued under Section 14 thereof.

THE TO STATE CONTAINERS IS AT ALL TIMES VESTED IN JONES CHEMICALS, INC. CUSTOMER AGREES TO PROTECT JONES CHEMICALS. THE ADMINISTRANCE TO STEEL CONTAINERS TO THE EXTENT OF CHLORING CONTAINERS, 2000 FACH, DAYS FROM THE DATE BILLED, NO COURSE OF PERFECTION AND 100 - SIZES, \$200 LACH; AMMOHIA CONTAINERS, 150 - 100 - AND 50 - SIZES, \$200 EACH; SULPHUR DIOXIDE VARY THE EXPRESSED TERMS OF THIS AGREEMENT.

CONTAINERS, 2000 SIZE, \$2000 EACH; 150 SIZE, \$200 EACH. FOR SAFETY AND ECONOMY, USE CONTAINERS PROMPTLY IN ORDER OF RECEIPT, AND IN ACCORDANCE WITH INSTRUCTIONS FROM YOUR SUPPLIERS. DEMURRAGE CHARGES ON ALL STEEL CONTAINERS NOT RETURNED ARE APPLICABLE AS FOLLOWS: 2000 SIZE, \$3.00 PER DAY AFTER THREE MONTHS FROM DATE OF DELIVERY; ALL OTHER SIZES, \$0.20 PER DAY AFTER SIX MONTHS FROM DATE OF DELIVERY, ALL DEMURRAGE CHARGES ARE DUE AND PAYABLE WITHIN ." DAYS FROM THE DATE BILLED. NO COURSE OF PERFORMANCE OR ANY COURSE OF DEALING OR CUSTOM OR USAGE OF TRADE SHALL



SOLD TO

Your Account Number Appears below Please refer to this Number when Ordering THANK YOU!

32034

- BEECH GROVE, IN - CALEDONIA, NY - CHARLOTTE, NC - FESTUS, MO - FORT LAUDERDALE, FL

CKSONVILLE, FL MILFORD. VA - MILPITAS, CA

HESERVE, LA RIVERVIEW, MI - TACOMA, WA - TORRANCE, CA - WARWICK, NY

INVOICE NO.

JAX98-00923

Le Roy, New York 14482-8933-800 THL (716) 768-6281

ACCOUNT HUMBER

317805

Florida Public Utility Co. Post Office Box 418

Fernandina Beach, FL

LOCATION NUMBER 03

Water Plant

Ryan & Sadler Road

DATE

03/27/98

SEND ALL REMITTANCES TO JONES CHEMICALS, INC. **80 MUNSON STREET** LE ROY, NEW YORK 14482-8933-800

	WATER AND SEWAGE TREATMENT CHEMICALS—INDUSTRIAL CHEMICALS CHASE ORDER CONTRACT NO. SALESMANS SHIP DATE SHIP VIA FREIGHT SHIPPED FROM C.O.D. TAX THIRD PARTY EXEMPT THIRD PARTY														
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BACK ORDERED	ORDERED	SHIPPED	KIND OF PA	ACKAGE	НМ		DESCRIPTION OF A PROPER DOT SHIP		PRODUCT NUMBER	PACKA NO.		S E F	UNIT PRICE	UNIT	AMOUNT
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YOUR CONFIDENCE AND YOUR BUSINESS IS APPRECIATED - THANK YOU!

ACCEPTANCE OF PRODUCT COVERED BY THIS DOCUMENT CONSTITUTES ACCEPTANCE BY PURCHASER OF INDEMNIFICATION AGREEMENT PRINTED ON REVERSE SIDE.

DELIVERY TICKET NO.

We hereby certify that these goods were produced in compliance with all applicable requirements of Sections 6, 7, and 12 of the Fair Labor Stor tords Act as amended and of regulations and orders of the United States Department of Labor Issued under Section 14 thereof.

CONTAINERS, 2000 # SIZE, \$2000 EACH; 150 # SIZE, \$200 EACH. FOR SAFETY AND ECONOMY, USE CONTAINERS PROMPTLY IN ORDER OF RECEIPT, AND IN ACCORDANCE WITH INSTRUCTIONS FROM YOUR SUPPLIERS. DEMURRAGE CHARGES ON ALL STEEL CONTAINERS NOT RETURNED ARE APPLICABLE AS FOLLOWS: 2000 # SIZE, \$3.00 PER DAY AFTER THREE MONTHS FROM DATE OF DELIVERY; ALL OTHER SIZES, \$0.20 PER DAY AFTER SIX MONTHS FROM DATE OF DELIVERY. ALL DEMURRAGE CHARGES ARE DUE AND PAYABLE WITHIN 30

our Account Number Appears below Please refer to this Number when Ordering THANK YOU!

· FORT LAUDERDALE, FL

· MOBRE, AL

beres Chemicals, Inc.

Le Roy, New York 14482-8933 800

 $\square = (716).768-6281$

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OLD TO

317805

LOCATION NUMBER

Florida Public Utility Co. Post Office Box 418 Fernandina Beach, FL

32034

XXX XX 02 11th & Atlantic Ave.

X644CADAMECXSTATE

DATE

INVOICE NO.

03/27/98

JAX98-00921

SEND ALL REMITTANCES TO JONES CHEMICALS, INC. **80 MUNSON STREET**

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YOUR CONFIDENCE AND YOUR BUSINESS IS APPRECIATED - THANK YOU!

ACCEPTANCE OF PRODUCT COVERED BY THIS DOCUMENT CONSTITUTES ACCEPTANCE BY PURCHASER OF INDEMNIFICATION AGREEMENT PRINTED ON REVERSE SIDE.

DELIVERY TICKET NO.

esting certify that these goods were produced in compliance with all applicable requirements of Sections 6, 7, and 12 of the Fair Labor CONTAINERS, 2000 FACH; 150 SIZE, \$200 EACH, FOR SAFETY AND ECONOMY, USE CONTAINERS PROMPTLY IN ORDER to be Act as amended and of regulations and orders of the United States Department of Labor issued under Section 14 thereof.

144.0 TO STEEL CONTAINERS IS AT ALL TIMES VESTED IN JONES CHEMICALS, INC. CUSTOMER AGREES TO PROTECT JONES CHEMICALS, AGENIST LOSS OF OR DAMAGE TO STEEL CONTAINERS TO THE EXTENT OF CHLORINE CONTAINERS, 2000 SIZE, \$2000 EACH 154. AND 100. SIZES, \$200 EACH, AMMONIA CONTAINERS, 150., 100. AND 50. SIZES, \$200 EACH; SULPHUR DIOXIDE VARY THE EXPRESSED TERMS OF THIS AGREEMENT.

OF RECEIPT, AND IN ACCORDANCE WITH INSTRUCTIONS FROM YOUR SUPPLIERS. DEMURRAGE CHARGES ON ALL STEEL CONTAINERS NOT RETURNED ARE APPLICABLE AS FOLLOWS: 2000 . SIZE, \$3.00 PER DAY AFTER THREE MONTHS FROM DATE OF DELIVERY; ALL OTHER SIZES, \$0.20 PER DAY AFTER SIX MONTHS FROM DATE OF DELIVERY. ALL DEMURRAGE CHARGES ARE DUE AND PAYABLE WITHIN 30 DAYS FROM THE DATE BILLED. NO COURSE OF PERFORMANCE OR ANY COURSE OF DEALING OR CUSTOM OR USAGE OF TRADE SHALL

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4811 Beach Blvd. Suite 405 Jacksonville | FL 32207

5/14/98

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CUSTOMER NO.

40-317805

FLORIDA PUBLIC UTILITY CO P O BOX 418 FERNANDINA BEACH, FL 32034 Location # 3

S FLORIDA PUBLIC UTTLITY CO

H WATER PLANT SADLER RD

FERNANDINA BEACH, FL 32034

T O

0 CUSTOMER ORDER NUMBER RELEASE NO. SHIPPED FROM FREIGHT SHIPPED VIA SALES TERMS THIRD AGENT PARTY Jacksonville 269 Jones Net 30 Days JANTITY PRODUCT PACKAGE ITEM DESCRIPTION UNIT PRICE UNIT **AMOUNT** HIPPED NUMBER NUMBER CHLORINE 1001 COA 425,0000 ځ 350.00 2000 POUND CYLINDER Merchandise Total 350,00 Sales Tax: FL-NASSA - 6% FL State Tax - 8% 51,00 JONES CHEMICALS, INC. CERTIFIES THAT THE RECIPIES POLLUTANTS TAX OF \$0.07 PER BARREL HAS BEEN 25 .. TO THE STATE OF FLORIDA FOR ELIGIBLE PRODUCTS INCLUDED IN THIS SHIPMENT.

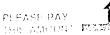
EASE SEND ALL REMITTANCES TO JONES CHEMICALS, INC.
30 MUNSON STREET
LE ROY, NEW YORK 14482













4811 Seach Elvd. Suite 405

Jacksonville , FL 32207 800-888-0662

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5/15/98	1593
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OMER NO.

40-317805

FLORIDA PUBLIC UTILITY CO P O BOX 418 FERNANDINA BEACH, FL 32034 Location #: 2

FLORIDA PUBLIC UTILITY CO

WATER PLANT

N 11TH ST & ATLANTIC AVE FERNANDINA BEACH, FL 32034

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MER ORDER NUMBER	RELEASE NO.	SHIPPED FROM Jacksonville	FREIGHT	Jane	PPED VIA	SALES AGENT 269	THIRD PARTY	TERMS Net 30 Days
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E SEND ALL REMITTANCES TO JONES CHEMICALS, INC. 80 MUNSON STREET E RCY, NEW YORK 14482













4811 Beach Blvd. Suite 405

Jacksonville FL 32207 800-888-0662

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40-317805

FLORIDA PUBLIC UTILITY CO PO BOX 418 FERNANDINA BEACH, FL 32034 Location #12

FLORIDA PUBLIC UTILITY CO

WATER PLUST

NITH ST & ATLANTIC AVE FERNAMONIA BEACH FL 32034

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JASE SEND ALL REMITTANCES TO JONES CHEMICALS, INC. 80 MUNSON STREET LE FOY, NEW YORK 14482













4811 Beach Blvd. Suite 405 Jacksonville , FL 32207 800-388-0862

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FLORIDA PUBLIC UTILITY CO P O BOX 413 FERNANDINA BEACH, FL 32034 Location # 0

FLOREIA PUBLIC CITATY CO

WATER PLANT

SADLER RD

FERNANDINA BEACH, FL. 32034

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E SEND ALL REMITTANCES TO JONES CHEMICALS, INC. 30 MUNSON STREET E ROY, NEW YORK 14482

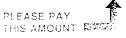








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4811 Seach Blvd. Suite 405

Jacksonville | FL 32297 800-838-3662

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8/20/96	2205

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CUSTOMER NO.

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FLORIDA PUBLIC UTILITY CC PO BOX 418

FERNANDINA BEACH FL 32034

Locadon #13

FLORIDA PUBLICA TILITA CO

H WATER PLANT SADLER RD

FERNAMDINA BEHCH FL 30034

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0 FREIGHT SHIPPED VIA SALES THIRD TERMS SHIPPED FROM CUSTOMER ORDER NUMBER RELEASE NO. AGENT PARTY - Jacksonville Jones Met 30 Days PRODUCT NUMBER PACKAGE YTITMAUC UNIT UNIT PRICE **AMOUNT** ITEM DESCRIPTION NUMBER SHIPPED CHLORINE 100: 004 425,0000 -1,275,00 2000 POUND CYLINDER () · 1,275.00 Merchandise Total Sales Tax: FL-NASSA - 6% 76.50 FL State Tax - 6% JONES CHEMICALS, INC. CERTIFIES THAT THE REPUIRED POLLUTANTS TAX OF \$0.07 PER BARREL HAS BEEN PAID TO THE STATE OF FLORIDA FOR ELIGIBLE PRODUCTS INCLUDED IN THIS SHIPMENT.

JASE SEND ALL REMITTANCES TO JONES CHEMICALS, INC.
30 MUNSON STREET
LE ROY, NEW YORK 14482









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BRANCH OFFICE:

4811 Seach Blvd. Suite 405

Jacksonville, FL 32207 800-888-0662

INVOICE DATE NUMBER 7/14/98 3091 BILL OF LADING NUMBER DATE SHIPPED 7/13/98 2588

OMER NO.

40-317805

FLORIDA PUBLIC UTILITY CO PO BOX 418 FERNANDINA BEACH, FL 32034 Location #13

FLORIDA PUBLIC UTILITY CO

WATER FLANT

SADLER RD

FERNANDINA BEACH, FL 32034

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E SEND ALL REMITTANCES TO JONES CHEMICALS, INC. 80 MUNSON STREET E ROY, NEW YORK 14482

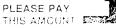








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4811 Beach Siva. Suite 405

Jacksonville, FL 32207 300-388-0662

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7/14/98	3093
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7/13/9B	2589

CUSTOMER NO.

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Т 0 40-317805

FLORIDA PUBLIC UTILITY CO P G BOX 418 FERNANDINA BEACH, FL 32034 Location #: 2

FLORIDA PUBLIC UTILITY CO

WATER PLANT

N 11TH ST & ATLANTIC AVE FERNANDINA BEACH, FL 32034

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SHIPPED VIA CUSTOMER ORDER NUMBER RELEASE NO. SHIPPED FROM FREIGHT SALES THIRD TERMS

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EASE SEND ALL REMITTANCES TO JONES CHEMICALS, INC. 30 MUNSON STREET LE ROY, NEW YORK 14482









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BRANCH OFFICE:

8720 Red Cak Blvd. Suite 501 Charlotte, NC 28217 704-523-5154

INVC	DICE.
DATE	NUMBER
ð/19/98	8124
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3/18/98	7145

OMER NO.

.40-317805

FLORIDA PUBLIC UTILITY CO P O BOX 418 FERNANDINA BEACH, FL 32034 S Location #: 3
H FLORIDA PUBLIC UTILITY CO
P WATER PLANT
SADLER RD

T FERNANDINA BEACH, FL 32034

MER ORDER NUMBER	RELEASE NO.	SHIPPED FROM	FREIGHT	SHIPPED VI	A	SALES - AGENT	THIRD PARTY		TERMS
		Jacksonviile		JONES		269		Net 3	0 Days
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3-2000		vierchandise Total						_	1,275.00
		: FL-NASSA - 6% FL State Tax - 6%							75.50
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E SEND ALL REMITTANCES TO JONES CHEMICALS, INC. 80 MUNSON STREET E ROY, NEW YORK 14482









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3720 Red Oak Blvd. Suite 501 Charlotte, NC 28217 704-523-5154

INV(DICE
DATE	NUMBER
8/19/98	8123
DATE SHIPPED	BILL OF LADING
3/18/98	71.11

CUSTOMER NO.

40-317805

3) ō P O BOX 418

FLORIDA PUBLIC UTILITY CO FERNANDINA BEACH, FL 32034

Location #: 2 Н FLORIDA PUBLIC UTILITY CO WATER PLANT Р N HTH ST & ATLANTIC AVE T FERNANDINA BEACH, FL 32034

CUSTO	MER ORDER NUMBER	RELEASE NO.	SHIPPED FROM	FREIGHT	SHIP	PED VIA	SALES AGENT 259	THIRD PARTY	TERMS Net 30 Jays
UANTITY		ITEM DESCRIP	<u> </u>	PRODU NUMB	JCT PACK	AGE U	NIT PRICE	וואט	
	CHLORINÉ 2000 POUNE	O CYLINDER		100	1	304 42	5.00000	ė	425.00
	1-2000	₩ Chlorine Em	pry						
		Sales Tax	Merchandisə Total : FL-NASSA - 6% FL State Tax - 6%	·					425.00 25.50
			-						
					:				

TASE SEND ALL REMITTANCES TO JONES CHEMICALS, INC. 80 MUNSON STREET LE ROY, NEW YORK 14482















Page 1 of 1

8720 Red Oak Blvd. Suite 601 Charlotte, NC 28217

Charlotte, NC 222 704-523-5154

BRANCH OFFICE:

DATE NUMBER

10/3/98 :1201

DATE SHIPPED BILL OF LADING NUMBER

10 2/98

9889

TOMER NO.

-40-317805

FLORIDA PUBLIC UTILITY CO P O BOX 418 FERNANDINA BEACH, FL 32034 S Location #13
H FLORIDA PUBLIC L'IPLITY CC
WATER PLENT
P SABLER RD

T FERNAL DENA BEACH, FL 30034

OMER O	RDER NUMBER	RELEASE NO.	SHIPPED FROM	FREIGHT		SHIPPED VIA	۹	SALES AGENT	THIRD PARTY	TERMS
VERB	AL		Jacksanville			JONES		259		Het 20 Cavs
r		ITEM DESCRIP	TION		PRODUCT NUMBER	PACKAGE NUMBER	UN	IT PRICE	UNIT	AMOUNT
	CHLORINE 2000 POUNE	OCYLINDER			1001	504	a:	25.0000	2	1.275 00
	4 - 200	O# Chlorine En	ecty							
			ferchandise Total							1,275.00
			FL-NASSA - 6% L State Tax - 5%							79.50

E SEND ALL REMITTANCES TO JONES CHEMICALS, INC. 80 MUNSON STREET LE ROY, NEW YORK 144%.











Page 1 of 1

BRANCH OFFICE:

3720 Red Cak Blvd. Suite 501

Chanotte, NC 28217 704-528-5154

· · · · · · · · · · · · · · · · · · ·	WCICF.
DATE	NUMBER
•	
10/8/98	11357
DATE SHIPPED	BILL OF LADING

10/2/98

J588

CUSTOMER NO. -4C-317805

FLORIDA PUBLIC UTILITY CO P O BOX 418 FERNANDINA BEACH FL 32034 (5) Edorido # 2 FLORIDA PUBLIC UTILITY CO WATER PLANT N LITE ST & ATLANTIC AVE FEEMANDINA BEACH, FL 3204:

CUSTOM	ER ORDER NUMBER	RELEASE NO.	SHIPPED FROM	FREIGHT		SHIPPED VIA	`	SALES AGENT	THIRD PARTY	TERMS
y	ERBAL		Jacksonville			JONES		258		Net 30 Cays
JANTITY HIPPED		ITEM DESCRIP	TION	P	RODUCT NUMBER	PACKAGE NUMBER	UNI	T PRICE	TINU	AMOUNT
	137,4610,13	曼Cism.								
	CHLORINE 2000 POUN	ID CYLINDER			1001	004	42	25 0000		∃ 425,00
<u> </u>										
			Merchandise Total :: FL-NASSA - 6%							425.00
			FL State Tax - 6%						1	25.50
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IASE SEND ALL REMITTANCES TO JONES CHEMICALS, INC.

80 MUNSON STREET
LE ROY, NEW YORK 14480











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8720 Red Cak Sivd. Suite 501

BRANCH OFFICE:

Charlotte, NC 28217 704-523-5154

!N'	INVOICE									
DATE	NUMBER									
11/4/98	12928									
DATE SHIPPED	BILL OF LADING NUMBER									
11/2/98	11238									

OMER NO.

40-317805

FLORIDA PUBLIC UTILITY CO P O BOX 418 FERNANDINA BEACH, FL 32034 Location #: 3

FLORIDA PUBLIC UTILITY CO

WATER PLANT

SADLER RD

T FERNANDINA BEACH, FL 32034

0

IER ORDER NUMBER	RELEASE NO.	SHIPPED FROM	FREIG	нт	SHIPPE	D VIA	SALES AGENT	THIRD PARTY	TERMS
RBAL		Jacksonville			JONES		269		Net 30 Cay
	ITEM DESCRIP	TION		PRODUI NUMBE	CT PACKAC	E UN	IT PRICE	UNI	T AMOUNT
CHLORINE 2000 POUNE) CYL:NDER			100	1 00	4 42	5.0000		E 1.275.00
From A		Location:		,					1,275.00
		L State Tax - 6%	1						76.50
		·		a.					

E SEND ALL REMITTANCES TO JONES CHEMICALS, INC. 80 MUNSON STREET E ROY. NEW YORK 14482









3720 Red Cak Blvd. Suite 501 Charlotte, NC 28217 704-523-5154

INVOICE							
DATE	NUMBER						
11/23/98	13991						
DATE SHIPPED	BILL OF LADING NUMBER						
11/20/98	:1967						

CUSTOMER NO.

3

5

40-317305

FLORIDA PUBLIC UTILITY CO P O BOX 413 FERNANDINA BEACH, FL 32034 s Location #: 3

FLORIDA PUBLIC UTILITY CO

WATER PLANT SACLER RD

T FERNANDINA BEACH, FL 32034

CUSTOMER ORDER NUMBER	RELEASE NO.	SHIPPED FROM	FREIGHT	SHIPPED VIA	SALES	THIRD	TERMS
					AGENT	PARTY	
50F98L903		Jacksonville		JONES	269		Net 36 Days
						1	

50F98L903		Jacksonville			JONES		AGENT 269	PARTY	Ne	t 36 Days	
UANTITY		ITEM DESCRIP	TION		PRODUC NUMBER	T PACKAG NUMBER	E UN	T PRICE	UN	IT	AMOUNT
	CHLORINE 2000 POUND	CYLINDER			1001	504	425	.00000	i	=	1.275.00
445	3 - 2000	Sales Tax:	pty erchandise Tot FL-NASSA - 6° L State Tax - 6°	%							1,275.00 76.50

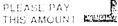
JASE SEND ALL REMITTANCES TO JONES CHEMICALS, INC. 80 MUNSON STREET LE ROY, NEW YORK 14482







1,351,50





8720 Red Cak Blvd. Suite 501 Charlotte, NC 28217 704-523-5154

INVOICE							
DATE	NUMBER						
11/23/98	13992						
DATE SHIPPED	BILL OF LADING NUMBER						
11/20/98	11968						

OMER NO.

40-317805

FLORIDA PUBLIC UTILITY CO P O BOX 418 FERNANDINA BEACH, FL 32034 s Location #: 2

FLORIDA PUBLIC UTILITY CO

WATER PLANT

N HTH ST & ATLANTIC AVE

T FERNANDINA BEACH, FL 32034

MER ORDER NUMBER	RELEASE NO.	SHIPPED FROM	FREIGHT	SHIPPED VIA	SALES	THIRD	TERMS
OF98L903		Jacksonville		JCNES	269	1	Net 30 Days

DF98L903	Jacksonville			JCNES		Net	Net 30 Days	
	ITEM DESCRIPTION	P	RODUCT NUMBER	PACKAGE NUMBER	UNIT PRICE	UNIT	AMOUNT	
CHLORINE 2000 POUND	CYLINDER		1001	CO4	425,00000	5	850.00	
	Merchandise Sales Tax: FL-NASSA	Total	•				850.00	
·	FL State Tax						51.00	
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E SEND ALL REMITTANCES TO JONES CHEMICALS, INC. 80 MUNSON STREET E ROY. NEW YORK 14482









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QUARTERLT TRIHALOMETHANE ANALYSIS

DATE OF SAMPLE	LOCATION	RESULTS TTHM MG/L	CL2	QUARTERLY AVERAGE	ANNUAL RUNNING AVERAGE
Feb-95					0.0485
Jun-97 Jun-97 Jun-97 Jun-97	2nd AND ASH JOHN ROBAS RD. OLD TOWN GROVE PARK		0.3000 0.4000 0.2000 0.2000	0.0513	0.0499
Sep-97 Sep-97 Sep-97 Sep-97	2nd AND ASH JOHN ROBAS RD. OLD TOWN GROVE PARK			0.0528	Ū. Ū 513
Dec-97 Dec-97 Dec-97 Dec-97	2nd AND ASH JOHN ROBAS RD. OLD TOWN GROVE PARK	0.0110 0.0140 0.0150 0.0160		0.0140	0.0327
Mar-98 Mar-98 Mar-98 Mar-98	2nd AND ASH JOHN ROBAS RD. OLD TOWN GROVE PARK	0.0460 0.0560 0.0480 0.0540	0.200 0.200 0.400 0.200	0.0510	0.0418
Jun-98 Jun-98 Jun-98 Jun-98	2nd AND ASH JOHN ROBAS RD. OLD TOWN GROVE PARK	0.1289 0.0012 0.0513 0.0322	0.200 0.200 0.200 0.200	0.0534	0.0476
Sep-98 Sep-98 Sep-98 Sep-98	2nd AND ASH JOHN ROBAS RD. OLD TOWN GROVE PARK	0.0413 0.0351 0.0401 0.0414	0.30 0 0.100 0.308 0.400	0.0395	0.0435
Dec-98 Dec-98 Dec-98 Dec-98	2nd AND ASH JOHN ROBAS RD OLD TOWN GROVE PARK	0.0340 0.0610	0 400 0 600 0 200 0.100	0.0380	0.0403
	2nd AND ASH JOHN ROBAS RD. OLD TOWN GROVE PARK			0 0000	8 8284

SECTION 3

Recent Chemical Analysis

TECHNICAL SERVICES, INC. PUBLIC DRINKING WATER ANALYSIS REPORTING

LIC WATER SYSTEM INFORMATION:	
lic Water System Name: Florida Pu	blic Utilities
lic Water System I.D. Number: 245	0364
ress: 911 South 8th St., Fern. Bch	., Fl 32034 <u>Phone:</u> 904-261-3663
ic Water System Type: Community	
	•
PLE INFORMATION:	
ole Date & Time: 12/23/96 @ 1135	
ratory Sample Number: 96120457	
ole Location (be specific): Number	r 1 Water Works/Grab
ole Type: Distribution entry point	C .
THE THE PART METON.	
LER INFORMATION:	
pler's Name: John J. Graves	ilities Co
pler's Company: Florida Public Ut:	illutes co.
ler's Phone Number: 904-261-3663	
IC CERTIFICATION INFORMATION:	
	Danese St, Jacksonville, FL 32206
<u>Name: Technical Services, inc, 290 de: (904) 353-5761</u>)I ballese Sc, Sacksonville, In 32200
<u>Certification Number:</u> FDHRS #8214	IE Evniration Date: June 30, 1997
contracted Lab HRS #: PBS&J-83170,	EXPIRACION Date: dune 30, 1337
contracted Lab ARS #: PBS&U-63170,	, MIL-04232
YSIS INFORMATION:	
Sample Received: 12/23/96 @ 14	1.11
vses Submitted:	
ganics-16, Group II Unregulateds-	-All 23. secondaries-All 14.
icides and PCB's-29, Radiochemica	ls-Ouarterly Composite. Volatile
nics (all 21)	Zuz vozz, odnego od
11103 (411 21)	
HEREBY CERTIFY THAT TO THE BEST	OF MY KNOWLEDGE AND BELIEF ALL DATA
ITTED ARE CORRECT.	
at//11 1/10 . ld	
	<pre>01/24/97</pre>
ratory Supervisor	Date -
nical Services, Inc.	
middi ddi viddo / ima.	
lts mailed to appropriate DEP/ACP	HU Office by: Customer
	*
LIANCE INFORMATION: (to be comple	ted by State)
le Collection Satisfactory:	Sample Analysis Satisfactory:
mple Requested for:	Reason: Date Notified:
on notified to resample:	Date Notifled:
ACPHU Reviewing Official:	•

TECHNICAL SERVICES, INC. PUBLIC DRINKING WATER ANALYSIS REPORTING

וטפרוכ	WATER SYSTEM INFOR	MATION (to be completed by	systam or lan)	
Custome	ers Name: Florida Pul	olic Utilities Company/	Charles H. Shelton	•
المناوين ١٠٠	ziar Systèni I.D. Number: 🔔	2450364		
א, סווסת לו	ater System Name: Flori	da Public Utilities Co	mpany	
خطعادددد	911 South 8th Stre	et, Fernandina Beach,	FL 32034	
೭೮೦೮ ಗ	o.: <u>904/261-3663</u>			
Public W	aler System Type (check one	5): (X) Conmunity () N	опериналия () истита	Elect Horiconnicinty
SAMPLE	EINFORMATION:	• • •		
Sample (Dale (MM/DDMY):	2 - 23 - 1996	S. mpie Tarie. 11:35 A	
	iy Saniple Number(s):	10120467	_ sumple little	<u> </u>
		mber 1 Water Works		
		nn Graves, Water Super:	intendent	
Sampler:	Signature:	Garage Super		
	pe(s): () Distribution	() Recheck of MCL	Title:	
•	() Cisaranca	() THM MEX. Ros. Tutio	الاستان المناع المناه المناهدة (١) أ	d Sarnpia
	(X) Cistrio, antry pt		() Acni Top	
	(X) Signis, Grilly pt	/ ()) Raw	() Composite or Humple Sites	-Aπach a loimal ior hac
ANALYS	IS REQUESTED		//	
	Apio Rocaved:	10/2- 50	7 +10/0	(1
	() Nitrate Chiy	EMO 1- YELL	2 10/35/9/s	
	() Min 218 City	() Nitrite Only	this idealia	Tunalumelnanes
	hiorganics-	Volatile Organics-	Secondarius-	2
	Mail 17 () Panisi	()AI21 ()Pania	,	Posticidos End PCEs VI
		· // 42/ (// 4/4	1 14 () 15 E 11 E1	17/20 () PETILE
	Group I Unregulateds-	Group II Unregulatecs -	Group III Horris and a	
	() ਮਾ 13 () Partial	₩ M 23 () Partial	Group III Unraguiaroas-	Radiochumicais—
	• • • • • • • •	V. 41 23 () Failed	() आ।। (j) २०००	() Single Sample
				AGMA Combosina.

¹ Provide radiochemical sample dates & locations for each quarter.

Technical Services, Inc. 2901 Danese Street Jacksonville, Florida 32206 (904) 353-5761

RADIOCHEHICAL ANALYSIS 62-550.310(5) (PWS033)

ID	Parame Name	eter HCL	Sample Number	Analysis Result		Analysis Hethod	Analysis Date	KDL	Lab ID
4000	Gross	Alpha	96120457	0.0 ÷/-	pCI/L	EPA900.0 0	1/09/97 0.1000	84252	

UNREGUALTED GROUP II ANALYSIS 62-550.410 (PWSO34)

ID	Parameter Name	HCL	Sample Number	Analysis Result		Analysis Method	Analysis Date	HDL	Lab ID	
	Chlorometh		96120457	<0.5	ug/L	EPA502.2	12/26/96		82145	
		fluoromethane	96120457	<0.5	ug/L	EPA502.2	12/26/96		82145	
	Bromometha		96120457	<0.5	ug/L	EPA502.2	12/26/96		82145	
	Chloroetha		96120457	<0.5	ug/L	EPA502.2	12/26/96		82145	
2218	Trichlorof	luoromethane	96120457	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145	
2410	1,1-dichlo	ropropene -	96120457	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145	
2251	Methyl-ter	t-butyl-ether	96120457	<0.5	ug/L	RPA502.2	12/26/96	0.5000	82145	
2408	Dibromomet	hane	96120457	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145	
2412	1,3-dichlo	горгорале	96120457	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145	
2413	1,3-dichlo	ropropene	96120457	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145	
2414	1,2,3-tric	hloropropane	96120457	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145	
2416	2,2-dichlo	ropropane	96120457	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145	
2941	Chloroform	• •	96120457	2.5	ug/L	EPA502.2	12/26/96	0.5000	82145	
2942	Bromoform		96120457	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145	
2943	Bromodichle	oromethane	96120457	0.7	uq/L	EPA502.2	12/26/96	0.5000	82145	
2944	Dibromochlo	oromethane	96120457	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145	
2965	o-chloroto	luene	96120457	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145	
2966	p-chlorotol	luene	96120457	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145	
	n-dichlorob		96120457	<0.5	ug/L	EPA502.2	12/26/96		82145	
	1,1-dichlor		96120457	<0.5	ug/L	EPA502.2	12/26/96		82145	
	,	rachloroethane	96120457	<0.5	ug/L	EPA502.2	12/26/96		82145	
		rachloroethane	96120457	<0.5	ug/L	EPA502.2	12/26/96		82145	
	Bromobenzer		96120457	<0.5	ug/L	EPA502.2	12/26/96		82145	
• • • • • • • • • • • • • • • • • • • •	DL OMODEII ECI		30120131		49/1					

TECHNICAL SERVICES, INC. PUBLIC DRINKING WATER ANALYSIS REPORTING

PUBLIC	WATER SYSTEM INFOR	MATION (to be completed by	systam or Ian)	
Custome	ers Name: Florida Pub	lic Utilities Company/	Charles H. Shelton	<u> </u>
	rator Systèm I.D. Number:			
	•	da Public Utilities Co		
		et, Fernandina Beach,	FL 32034	
EUDUA H	o. <u>904/261-3663</u>			
Fublic W	Juliur System Type (chack one	e): (X) Community (1) H	encommenty () Nontrain	Leaft Management
5.401	E INFORMATION:			
-	Dale (MM/DD/YY):	2 - 23 - 1996	" " 11:75 A	14
•	ory Sample Number(s):	10120457	Sumple Time. 11:35 A	<u>M</u>
		mber 1 Water Works		
•		hn, Graves, Water Super	intondont	
	s Signature:	Graves, water Suber		
	pe(s): () Distribution	() Recheck of MCL	Title	
C.IGCK 17	() Classanca	() THM MEX. Ros. Time	יינוטיטויבית מביי זו פוסימים (') המביית (') המביית ו	d Saubie
	(V) Distrib, entry pr	Raw	() Picht Top	
	Colsino, entry pr	1 2	() Composite of Humple Sites-	TOSAF DOLLSMINDER ROCERACE
علا الجلام (SIS REQUESTED	1.11	1/	
	npia Racarea:	Who Fill	1 1/13/6/	14/1
	() Nitrate Cnly	() Nitrite Only	() Assested Conf	Tinalicinethanes
	triorganies—	Voiatile Organics—	Sacondenas –	Pasidodas and POCs—
	(Xivi 17 () Panial	الكراب () المحاسب	 	(X) 20 () PERIE
	Group I Unregulateds-	Group II Unregulatecs-	Group III Unreguizious-	Addicanomicals—
	() という () Panial	★ Àl 23 () Partial	()해비 ()2학교	() Single Sumple
	•	1	•	City Composito
				7

[^] Provide radiochemical sample dates & locations for each quarter.

TECHNICAL SERVICES, INC. PUBLIC DRINKING WATER ANALYSIS REPORTING

BLIC WATER SYSTEM INFORMATION:
olic Water System Name: Florida Public Utilities
olic Water System I.D. Number: 2450364
<u>iress:</u> 911 South 8th St., Fern. Bch., Fl 32034 <u>Phone:</u> 904-261-3663
olic Water System Type: Community
THE THEORY STONE
PLE INFORMATION: ple Date & Time: 12/23/96 @ 1015
oratory Sample Number: 96120458
poratory Sample Number: 96120456 uple Location (be specific): Number 2 Water Works/Grab
ple Type: Distribution entry point
l Discribation entry point
PLER INFORMATION:
pler's Name: John J. Graves
pler's Company: Florida Public Utilities Co.
pler's Phone Number: 904-261-3663
LIC CERTIFICATION INFORMATION:
Name: Technical Services, Inc, 2901 Danese St, Jacksonville, FL 32206
<u>ne:</u> (904) 353-5761
Certification Number: FDHRS #82145 Expiration Date: June 30, 1997
contracted Lab HRS #: PBS&J-83170, KNL-84252
LYSIS INFORMATION:
e Sample Received: 12/23/96 @ 14:11
lyses Submitted: rganics-16, Group II Unregulateds-All 23, Secondaries-All 14,
ticides and PCB's-29, Radiochemicals-Quarterly Composite. Volatile
anics (all 21)
dilics (dil 21)
O HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL DATA
WITTED ARE CORRECT.
1 1/12 1/1 a - 1 k
CUM7/ 1918 (01/24/97
pratory Supervisor Date -
nnical Services, Inc.
ults mailed to appropriate DEP/ACPHU Office by: Customer
PLIANCE INFORMATION: (to be completed by State)
ole Collection Satisfactory: Sample Analysis Satisfactory:
<pre>imple Requested for: Reason:</pre>
on notified to resample: Date Notified:
ACPHU Reviewing Official:

Technical Services, Inc. 2901 Danese Street Jacksonville, Florida 32206 (904) 353-5761

RADIOCHEMICAL ANALYSIS 62-550.310(5) (PWS033)

ID	Parame Name	ter MCL	Sample Number	Analysis Result		Analysis Method		HDL	Lab ID
4000	Gross	Alpha	96120458	1.1 +/-	pCI/L	EPA900.0 (01/09/97 0		84252

UNREGULATED GROUP II ANALYSIS 62-550.410 (PWSO34)

ID	Parameter Name	HCL	Sample Number	Analysis Result		Analysis Hethod	Analysis Date	HDL	Lab ID
2412	1,3-dichlo	propropane	96120458	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145
2413	1,3-dichlo	ropropene	96120458	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145
2414	1,2,3-tric	chloropropane	96120458	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145
2416	2,2-dichlo	ropropane	96120458	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145
2941	Chlorofor	l	96120458	1.8	ug/L	EPA502.2	12/26/96	0.5000	82145
2942	Bromoform		96120458	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145
2943	Browodichl	oromethane -	96120458	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145
2944	Dibromochl	oromethane	96120458	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145
2965	o-chloroto	luene	96120458	<0.5	ug/Ĺ	EP1502.2	12/26/96	0.5000	82145
	p-chloroto		96120458	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145
2967	m-dichloro	benzene	96120458	<0.5	ug/L	EP1502.2	12/26/96	0.5000	82145
2978	1,1-dichlo	roethane	96120458	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145
2986	1,1,1,2-te	trachloroethane	96120458	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145
2988	1,1,2,2-te	trachloroethane	96120458	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145
2993	Bromobenze:	ne	96120458	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145
2410	1,1-dichlo	ropropene	96120458	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145
	Dibromomet		96120458	<0.5	nà/F	EPA502.2	12/26/96	0.5000	82145
	•	t-butyl-ether	96120458	<0.5	ug/L	EPA502.2	12/26/96		82145
2218	Trichlorof	luoromethane	96120458	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145
2216	Chloroetha	ne	96120458	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145
2214	Bromomethan	ie	96120458	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145
2212	Dichlorodif	fluoromethane	96120458	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145
2210	Chlorometha	me	96120458	<0.5	ug/L	EPA502.2	12/26/96	0.5000	82145

TECHNICAL SERVICES, INC. PUBLIC DRINKING WATER ANALYSIS REPORTING

PUBLIC WATER SYSTEM INFOR	MATION (to be completed by s	systam or lab)	
Customers Name: Florida Pi	blic Utilities Company/	Charles H. Shelton	
Fublic Water System 1.D. Humber:	2450364		
Public Water System Name: Flot	ida Public Utilities Co	mpanv	
Acaress: 911 South 8th Str	eet, Fernandina Beach,	FL 32034	
Fnone No.: 904/261-3663			
Fuelic Waler System Type (check ori	é): (X) Contimulally () is	oncommenty () nominals	with the comments
SAMPLE INFORMATION:	• • •		
Sample Dale (MM/DDMY):	<u>- 23 - 1996</u>	_ Sample Time. 10:15	A.M.
Laboratory Sample Number(s):	46120458		
Eampio Location (be specific): 🔃 🔀	Number 2 Water Works		
Sampler Name and Phone Mg.:	ohn Graves, Water Super	intendent, 904/277-1971	
Eumpiers Signature: Ang IT	San a	Tine	
theck Type(s): () Distribution	() Recheck of MCL	יטוטים מיני זכן שוקיתבים וחיים וויים ו	d Sample
() Ciearanca	() THIM MEX. ROS. TITLE	() Pizni Tap	
(X) Distrib, entry pt	() Raw	() Composite or thympie Sites	-Lasch a formal for 49ch 2:
MALYSIS REQUESTED	elia Late	12/03/66 18	411
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ໂກວເຊລາາດຮ—	Votatile Crganics-	5-0000ಡಾಕ್-	ಗಿಳಿಕುದುರಿಕೆ ಪ್ರಾರ ಿ ದ್ದಿಕ∽
النظل ١٦ () النظل	(X) A121 () Paniai	H2114 () 1920121	7 () Faria
Group I Unregulateds-	Group II Unregulatecs-	Group III Unrequizioas-	กันติดตอกจักกัดสระ
() हा जिल्ला () Parial	(िं भा 23 () Рэлігі	()ਮਾ।। ()Pਹਾਹ (() Single Sample Jatry, Compositor

^{*} Provide radiochemical sample dates & locations for each quarter.

Technical Services, Inc. 2901 Danese Street Jacksonville, Florida 32206

VOLATILE ORGANIC ANALYSIS 62-550.310(2)(b) (PWSO28)

ID	Parameter Name HCL	Sample Number	Analysis Result		Analysis Hethod	Analysis Date	HDL	La ID
 2378	1,2,4-trichlorobenzene (70)	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	
	Cis-1,2-dichlorothylene (70)	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	
2955	Xylenes (total) (10,000)	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	
	Dichloromethane (5)	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	
2968	O-dichlorobenzene (600)	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	
2969	Para-dichlorobenzene (75)	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	
2976	Vinyl chloride (1)	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	
2977	1,1-dichloroethylene (7)	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	
2979	Trans-1,2-dichloroethylene (100)	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	
2980	1,2-dichloroethane (3)	96120457	<0.5	ug/L	EP1502.2	12/26/96 0.5000	82145	
2981	1,1,1-trichloroethane (200)	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	
2982	Carbon tetrachloride (3)	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	
2983	1,2-dichloropropane (5)	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	
2984	Trichloroethylene (3)	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	
2985	1,1,2-Trichloroethane (5)	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	
2987	Tetrachloroethylene (3)	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	
2989	Monochlorobenzene (100)	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	
2990	Benzene (1)	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	
	Toluene (1,000) -	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	
	Ethylbenzene (700)	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	
	Styrene (100)	96120457	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145	

FLUORIDE	96120457	0.73	īg/L	EPA 300.0	12/24/96 0.0100
CHLORIDE	96120457	110	mg/L	EPA 300.0	12/24/96 0.0200
NITRATE	96120457	<0.002	J mg/L	EPA 300.0	12/24/96 0.0020

Technical Services, Inc. 2901 Danese Street Jacksonville, Florida 32206 (904) 353-5761

INORGANIC ANALYSIS 62-550.310(1) (PWSO3O)

ID	Parameter Name	HCL	Sample Number	Analysis Result			Analysis Hethod	Analysis Date	HDL	Lab ID
1052	Sodium (160)	96120457	39		ng/L	EPA 200.7	01/02/97	0.0200	82145
1010	Barium (2)	96120457	0.031		mg/L	EPA 200.7	01/02/97	0.0010	82145
1005	Arsenic	(.05)	96120457	<0.002	Ū	ng/L	SH 3113B	01/13/97	0.0020	82145
1024	Cyanide	(0.2)	96120457	<0.003	Ū	ng/L	EP1335.2	01/08/97	0.0030	82145
1074	Antimony	(0.006)	96120457	<0.003	Ū	mg/L	SH 3113B	01/20/97	0.0030	82145
1075	Beryllium	(0.004)	96120457	<0.0001	Ū	ng/L	SH 3113B	01/13/97	0.0001	82145
1036	Nickel (0.1)	96120457	<0.001	Ū	mg/L	SH 3113B	12/29/96	0.0010	82145
1085	Thallium	(0.002)	96120457	(0.001	Ũ	ng/L	EPA279.2	01/15/97	0.0010	82145
1041	Nitrite ((1)	96120457	<0.01	Ū	mg/L	EPA353.2	12/24/96	0.0100	82145
1015	Cadmium ((.005)	96120457	0.0002		mg/L	SH 3113B	01/13/97	0.0001	82145
1020	Chronium	(0.1)	96120457	(0.001	Ū		SH 3113B	12/28/96	0.0010	82145
1035	Hercury ((0.002)	96120457	(0.0002	Ū	mg/L	EPA245.1	01/10/97	0.0002	82145
1030	Lead (0.0	015)	96120457	(0.001	Ū	mg/L	SH 3113B	12/28/96	0.0010	82145
1045	Selenium	(0.05)	96120457	0.009		mg/L	SH 3113B	01/14/97	0.0050	82145

SECONDARY CHEMICAL ANALYSIS 62-550.320 (PWS031)

ID	Parameter Name MCL	Sample Number	Analysis Result			Analysis Method	Analysis Date	HDL	Lab ID
1095	Zinc (5)	96120457	<0.01	Ū	ng/L	EPA 200.7	12/31/96	0.0100	82145
1050	Silver (0.1)	96120457	<0.01	Ū	mg/L	EPA 200.7	12/31/96	0.0050	82145
1028	Iron (0.3)	96120457	<0.02	U	mg/L	EPA 200.7	01/02/97	0.0200	82145
1022	Copper (1)	96120457	<0.01	Ū	mg/L	EPA 200.7	12/31/96	0.0100	82145
1920	Odor (3 TON)	96120457	2		TON	EPA140.1	12/23/96	0.0000	82145
1002	Aluminum (0.2)	96120457	0.1		mg/L	SH 3113B	01/16/97	0.0010	82145
1905	Color (15 CU)	96120457	1	Ũ	a	SH2120B	12/23/96	1.0000	82145
2905	Foaming Agents (0.5)	96120457	<0.02	Ū	ng/L	EP1425.1	12/24/96	0.0200	82145
1930	Total Dissolved Solids (500)	96120457	560		mg/L	EPA160.1	12/23/96	1.0000	82145
1055	•	96120457	180		ng/L	EPA375.4	12/24/96	1.0000	82145
	· ·	96120457	7.04		SŰ		12/23/96		82145
	• •		(0.001	U	ng/L	SH 3113B	10/28/96	0.0010	82145
	•	96120457	0.7			EPA340.2	12/24/96	0.1000	82145

PESTICIDE/PCB CHEMICAL ANALYSIS 62-550.310(2)(c) (PWSO29)

ID	Parameter Name MCL		Sample Number	Analysis Result		Analysis Method	Analysis Date	HDL	Lab ID
2042	Hexachlorocyclopentad (50)	iene	96120457	<0.3	ug/L	EPA505	01/08/97	0.3000	83170
2306	Benzo(a)pyrene (.2)		96120457	<0.1	ug/L	EPA550.1	01/13/97	0.1000	83170
2065	Heptachlor (.4)		96120457	<0.05	ug/L	EP1505	01/08/97	0.0500	83170
2020	Toxaphene (3)		96120457	<1.0	ug/L	EPA505	01/08/97	1.0000	83170
2015	Methoxychlor (40)		96120457	<2.0	ug/L	EP1505	01/08/97	2.0000	83170
2005	Endrin (2)		96120457	<0.3	ug/L	EPA505	01/08/97	0.3000	83170
2010	Lindane (.2)		96120457	<0.05	ug/L	EPA505	01/08/97	0.0500	83170
2039	Di(2-ethylhexyl)phtha (6)	late	96120457	<5.0	ug/L .	EPA506	12/31/97	5.0000	83170
2035	Di(2-ethylhexyl)adipate (400)	te	96120457	<16.0	ug/L	EP1506	12/31/97	16.0000	83170
2274	Hexachlorobenzene (1))	96120457	<0.05	ug/L	EPA505	01/08/97	0.0500	83170
2959	Chlordane (2)	•	96120457	<0.2	ug/L	EPA505	01/08/97		83170
	Heptachlor epoxide (.	.2)	96120457	<0.05	ug/L	EPA505	01/08/97		83170
	PCB (.5)		96120457	<0.4	ug/L	EPA505	01/08/97	0.4000	83170
	Ethylene dibromide (.	.02)	96120457	<0.02	ug/L	EPA504	01/02/97	0.0200	83170
2931	Dibromochloropropane	(-2)	96120457	<0.02	ug/L	EP1504	01/02/97	0.0200	83170
2037	Simazine (4)	9	96120457	<0.5	ug/L	EPA507	01/05/97	0.5000	83170
2050	Atrazine (3)	9	6120457	<0.5	ug/L	EPA507	01/05/97	0.5000	83170
2051	Alachlor (2)	9	6120457	<1.0	ug/L	EPA507	01/05/97	1.0000	83170
2034	Glyphosate (700)	9	6120457	<21	ug/L	EPA547	01/02/97	21.0000	83170
2033	Endothall (100)	9	6120457	<25	ug/L	EPA548.1	01/10/97	25.0000	83170
2326	Pentachlorophenol (1)	. 9	6120457	<1.0	ug/L	EPA515.1	01/12/97	1.0000	83170
2110	2,4,5-TP (Silvex) (50) 9	6120457	<0.2	ug/L	EPA515.1	01/12/97	0.2000	83170
2031 I	Dalapon (200)	9	6120457	<6.0	ug/L	EPA515.1	01/12/97	6.0000	83170
2040 I	Picloram (500)	9	6120457	<1.0	ug/L	EPA515.1	01/12/97	1.0000	83170
2041 I	Dinoseb (7)	9	6120457	<1.0	ug/L	EPA515.1	01/12/97	1.0000	83170
2105 2	2,4-D (70)	و	6120457	<1.0	ug/L	EPA515.1	01/12/97	1.0000	83170
2036	Oxamyl (Vydate) (200)	9	6120457	<3.0	ug/L	EPA531.1	12/30/96	3.0000	83170
2046 (Carbofuran (40)	9	6120457	<3.0	ng/F	EPA531.1	12/30/96	3.0000	83170

SECONDARY CHEMICAL ANALYSIS 62-550.320 (PWS031)

ID	Parameter Name MCL	Sample Number	Analysis Result			Analysis Hethod	Analysis Date	HDL	Lab ID
		~~~~~~~~~							
1022	Copper (1)	96120458	<0.01	Ū	mg/L	EPA 200.7	12/31/96	0.0100	82145
	Iron (0.3)	96120458	<0.02		mg/L	EPA 200.7	01/02/97	0.0200	82145
	Silver (0.1)	96120458	<0.01	Ū	mg/L	EPA 200.7	12/31/96	0.0050	82145
	Zinc (5)	96120458	<0.01	Ū	mg/L	EPA 200.7	12/31/96	0.0100	82145
1920	Odor (3 TON)	96120458	3		TON	EPA140.1			
1002	Aluminum (0.2)	96120458	0.1	λ	mg/L	SN 3113B	01/16/97	0.0010	
1905	Color (15 CU)	96120458	<1	Ū	CŪ	SH2120B	12/23/96		
2905	Foaming Agents (0.5)	96120458	<0.02	Ū	mg/L	EPA425.1	12/24/96	0.0200	
1930	Total Dissolved Solids	96120458	524	À	mg/L	EPA160.1	12/23/96	1.0000	82145
	(500)								
1055	Sulfate (250)	96120458	160		ng/L	EPA375.4	12/24/96		
1925	pH (6.5-8.5)	96120458	7.19	¥	SŪ	EPA150.1	12/23/96		
1032	Hanganese (0.05)	96120458	<0.001	Ū	ng/L	SH 3113B			
1025	Fluoride (2.0)	96120458	0.7		mg/L	EPA340.2	12/24/96	0.1000	82145
	Parameter	Sample	λnalysis			Analysis	Analys	is	
	Name MCL	Number	Result			Method	Date		XDL
	Hame non	HOME C.L.							
Inor.	FLDORIDE	96120458	0.73		mg/L	EPA 300.0	12/24/96	0.0100	
sec.	CHLORIDE	96120458	120		ng/L	EPA 300.0			
	NITRATE	96120458	<0.002	U	mg/L	EPA 300.0			
10							_		

VOLATILE ORGANIC ANALYSIS 62-550.310(2)(b) (PWSO28)

ID	Parameter Name HCL	Sample Number	Analysis Result		Analysis Hethod	Analysis Date HDL	Lab ID
2378	1,2,4-trichlorobenzene (70)	96120458	<0.5	ug/L	EP1502.2	12/26/96 0.5000	82145
2380	Cis-1,2-dichlorothylene (70)	96120458	<0.5	ug/L	EP1502.2	12/26/96 0.5000	82145
2955	Xylenes (total) (10,000)	96120458	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145
2964	Dichloromethane (5)	96120458	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145
2968	O-dichlorobenzene (600)	96120458	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145
2969	Para-dichlorobenzene (75)	96120458	<0.5		EPA502.2	12/26/96 0.5000	82145
2976	Vinyl chloride (1)	96120458	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145
2977	1,1-dichloroethylene (7)	96120458	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145
2979	Trans-1,2-dichloroethylene (100)	96120458	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145
2980	1,2-dichloroethane (3)	96120458	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145
	• • • • • • • • • • • • • • • • • • • •	96120458	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145
		96120458	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145
2983	1,2-dichloropropane (5)	96120458	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145
. 2984	Trichloroethylene (3)	96120458	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145
2985	1,1,2-Trichloroethane (5)	96120458	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145
2987	Tetrachloroethylene (3)	96120458	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145
2989	Monochlorobenzene (100)	96120458	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145
2990	Benzene (1)	96120458	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145
2991	Toluene (1,000)	96120458	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145
		96120458	<0.5	ug/L		12/26/96 0.5000	82145
		96120458	<0.5	ug/L	EPA502.2	12/26/96 0.5000	82145

PESTICIDE/PCB CHENICAL ANALYSIS 62-550.310(2)(c) (PWSO29)

ID	Parameter Name	HCL	Sample Number	Analysis Result		Analysis Method	Analysis Date	HDL	Lab ID
2046	Carbofurai	n (40)	96120458	<3.0	ug/L	EPA531.1	12/30/96	3.0000	83170
2036	Oxamyl (Vy	ydate) (200)	96120458	<3.0	ug/L	EPA531.1	12/30/96	3.0000	83170
2105	2,4-D (70	0)	96120458	<1.0	ug/L	EPA515.1	01/12/97	1.0000	83170
2041	Dinoseb ((7)	96120458	<1.0	ug/L	EPA515.1	01/12/97	1.0000	83170
2040	Picloram	(500)	96120458	<1.0	ug/L	EPA515.1	01/12/97	1.0000	83170
	Dalapon (96120458	<6.0	ug/L	EPA515.1	01/12/97	6.0000	83170
2110	2,4,5-TP ((Silver) (50)	96120458	<0.2	ug/L	EP1515.1	01/12/97	0.2000	83170
2326	Pentachlor	rophenol (1)	96120458	<1.0	ug/L	EPA515.1	01/12/97	1.0000	83170
2033	Endothall	(100)	96120458	<25	ug/L	EPA548.1	01/10/97	25.0000	83170
2034	Glyphosate	(700)	96120458	<21	ug/L	EPA547	01/02/97	21.0000	83170
2051	Alachlor	(2)	96120458	<1.0	ug/L	EPA507	01/05/97	1.0000	83170
2050	Atrazine	(3)	96120458	<0.5	ug/L	EPA507	01/05/97	0.5000	83170
2037	Simazine	(4)	96120458	<0.5	ug/L	EPA507	01/05/97		83170
2931	Dibromochl	oropropane (.2)	96120458	<0.02	ug/L	EPA504	01/02/97	0.0200	83170
		ibromide (.02)	96120458	<0.02	ug/L	EPA504	01/02/97	0.0200	83170
2035	Di(2-ethyl	hexyl)adipate	96120458	<16.0	ug/L	EP1506	12/31/97	16.0000	83170
	(400)	•							
2039	Di(2-ethyl	hexyl)phthalate	96120458	<5.0	ug/L	EPA506	12/31/97	5.0000	83170
	(6)	•							
2010	Lindane (.2)	96120458	<0.05	ug/L	EPA505	01/08/97	0.0500	83170
2005	Endrin (2)	96120458	<0.3	ug/L	EPA505	01/08/97		83170
2015	Methoxychlo	or (40)	96120458	<2.0		EPA505	01/08/97		83170
2020	Toxaphene	(3)	96120458	<1.0	ug/L	EP1505	01/08/97	1.0000	83170
2065	Heptachlor	(.4)	96120458	<0.05	ug/L	EP1505	01/08/97	0.0500	83170
2067	Heptachlor	epoxide (.2)	96120458	<0.05	ug/L	EPA505	01/08/97	0.0500	83170
2274	Hexachlorob	penzene (1)	96120458	<0.05	ug/L	EPA505	01/08/97	0.0500	83170
	Chlordane		96120458	<0.2	ug/L	EPA505	01/08/97	0.2000	83170
2383	PCB (.5)		96120458	<0.4	ug/L	EPA505	01/08/97	0.4000	83170
2042	Hexachloroc	cyclopentadiene	96120458	<0.3		EPA505	01/08/97	0.3000	83170
	(50)	•					•		
2306	Benzo(a)pyr	cene (.2)	96120458	<0.1	ug/L	EPA550.1	01/13/97	0.1000	83170

INORGANIC ANALYSIS 62-550.310(1) (PWSO30)

ID	Parameter Name	MCL	Sample Number	Analysis Result			Analysis Method	Analysis Date	MDL	Lab ID
					_					
		(.05)		<0.002	Ū	mg/L	SH 3113B	01/13/97		82145
1024	Cyanide	(0.2)	96120458	<0.003	Ū	ng/L	EPA335.2	01/08/97	0.0030	82145
1074	Antimony	(0.006)	96120458	<0.003	Ū	mg/L	SH 3113B	01/20/97	0.0030	82145
1075	Beryllium	(0.004)	96120458	<0.0001	Ū	mg/L	SH 3113B	01/13/97	0.0001	82145
1036	Nickel (0.1)	96120458	<0.001	Ū	mg/L	SH 3113B	12/29/96	0.0010	82145
1085	Thallium	(0.002)	96120458	<0.001	Ū	ag/L	EP1279.2	01/15/97	0.0010	82145
1041	Nitrite	(1)	96120458	<0.01		ng/L	EPA353.2	12/24/96	0.0100	82145
1015	Cadmium	(.005)	96120458	<0.0001	Ū	ng/L	SH 3113B	01/13/97	0.0001	82145
1020	Chronium	(0.1)	96120458	<0.001		ng/L	SM 3113B	12/28/96	0.0010	82145
1035	Hercury	(0.002)	96120458	<0.0002	Ū	aq/L	EPA245.1	01/10/97	0.0002	82145
1030	Lead (0.0	015)	96120458	<0.001	Ū	mg/L	SH 3113B	12/28/96	0.0010	82145
1045	Selenium	(0.05)	96120458	<0.005			SH 3113B	01/14/97	0.0050	82145
1052	Sodium (1	160)	96120458	41		ng/L	EPA 200.7	01/02/97	0.0200	82145
1010	Barium (2	2)	96120458	0.032		æg/L	EPA 200.7	01/02/97	0.0010	82145

Public Water System I.D. Number: 2450364 Address: 911 South 8th St., Fern. Bch., Fl 32034 Phone: 904-261-3663 Public Water System Type: Community SAMPLE INFORMATION: Sample Date & Time: 12/30/96 & 1120 Laboratory Sample Number: 96120524 Sample Location (be specific): #1 Water plant (resample) Sample Type: Distribution entry point SAMPLER INFORMATION: Sampler's Name: J.G. Sampler's Name: J.G. Sampler's Name: J.G. Sampler's Phone Number: 904-261-3663 PUBLIC CERTIFICATION INFORMATION: Lab Name: Technical Services, Inc, 2901 Danese St, Jacksonville, FL 32206 Phone: (904) 353-5761 Lab Certification Number: FDERS #82145 Expiration Date: June 30, 1997 Subcontracted Lab HRS f: PBS&J-83170. ALLYSIS INFORMATION: Date Sample Received: 12/30/96 & 13:25 Analyses Submitted: Pesticides and PCB's-Partial (Diquat only). I DO HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL DATA SUBMITTED ARE CORRECT. O1/17/97 Date COMPLIANCE INFORMATION: (to be completed by State)	PUBLIC WATER SYSTEM INFORMATION:	
Address: 911 South 8th St., Fern. Bch., Fl 32034 Phone: 904-261-3663 Public Water System Type: Community SAMPLE INFORMATION: Sample Date & Time: 12/30/96 @ 1120 Laboratory Sample Number: 96120524 Sample Location (be specific): #1 Water plant (resample) Sample Type: Distribution entry point SAMPLER INFORMATION: Sampler's Name: J.G. Sampler's Company: Florida Public Utilities Co. Sampler's Company: Florida Public Utilities Co. Sampler's Phone Number: 904-261-3663 PUBLIC CERTIFICATION INFORMATION: Lab Name: Technical Services, Inc, 2901 Danese St, Jacksonville, FL 32206 Phone: (904) 353-5761 Lab Certification Number: FDHRS #82145 Expiration Date: June 30, 1997 Subcontracted Lab HRS #: PBS&J-83170. AALYSIS INFORMATION: Date Sample Received: 12/30/96 @ 13:25 Analyses Submitted: Pesticides and PCB's-Partial (Diquat only). I DO HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL DATA SUBMITTED ARE CORRECT. ALL DATA SUBMITTED ARE CORRECT. O1/17/97 Date Technical Services, Inc. Results mailed to appropriate DEP/ACPHU Office by: Customer		
Sample Information: Sample Date & Time: 12/30/96 @ 1120 Laboratory Sample Number: 96120524 Sample Location (be specific): #1 Water plant (resample) Sample Location (be specific): #2 Water plant (resample) Sample Type: Distribution entry point Sampler's Name: J.G. Sampler's Company: Florida Public Utilities Co. Sampler's Phone Number: 904-261-3663 PUBLIC CERTIFICATION INFORMATION: Lab Name: Technical Services, Inc, 2901 Danese St, Jacksonville, FL 32206 Phone: (904) 353-5761 Lab Certification Number: FDHRS #82145 Expiration Date: June 30, 1997 Subcontracted Lab HRS #: PBS&J-83170. AALYSIS INFORMATION: Date Sample Received: 12/30/96 @ 13:25 Analyses Submitted: Pesticides and PCB's-Partial (Diquat only). I DO HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL DATA SUBMITTED ARE CORRECT. Laboratory Supervisor Technical Services, Inc. Results mailed to appropriate DEP/ACPHU Office by: Customer		
Sample Information: Sample Date & Time: 12/30/96 @ 1120 Laboratory Sample Number: 96120524 Sample Location (be specific): #1 Water plant (resample) Sample Location (be specific): #2 Water plant (resample) Sample Type: Distribution entry point Sampler's Name: J.G. Sampler's Company: Florida Public Utilities Co. Sampler's Phone Number: 904-261-3663 PUBLIC CERTIFICATION INFORMATION: Lab Name: Technical Services, Inc, 2901 Danese St, Jacksonville, FL 32206 Phone: (904) 353-5761 Lab Certification Number: FDHRS #82145 Expiration Date: June 30, 1997 Subcontracted Lab HRS #: PBS&J-83170. AALYSIS INFORMATION: Date Sample Received: 12/30/96 @ 13:25 Analyses Submitted: Pesticides and PCB's-Partial (Diquat only). I DO HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL DATA SUBMITTED ARE CORRECT. Laboratory Supervisor Technical Services, Inc. Results mailed to appropriate DEP/ACPHU Office by: Customer	Address: 911 South 8th St., Fern. Bch., Fl 32034 Phone: 904	4-261-3663
Sample Date & Time: 12/30/96 & 1120 Laboratory Sample Number: 96120524 Sample Location (be specific): #1 Water plant (resample) Sample Type: Distribution entry point SAMPLER INFORMATION: Sampler's Name: J.G. Sampler's Company: Florida Public Utilities Co. Sampler's Phone Number: 904-261-3663 PUBLIC CERTIFICATION INFORMATION: Lab Name: Technical Services, Inc, 2901 Danese St, Jacksonville, FL 32206 Phone: (904) 353-5761 Lab Certification Number: FDHRS #82145 Expiration Date: June 30, 1997 Subcontracted Lab HRS #: PBS&J-83170. ALYSIS INFORMATION: Date Sample Received: 12/30/96 & 13:25 Analyses Submitted: Pesticides and PCB's-Partial (Diquat only). I DO HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL DATA SUBMITTED ARE CORRECT. ADDITIONAL CORRECT. Date CO1/17/97 Date Results mailed to appropriate DEP/ACPHU Office by: Customer		
Sampler's Company: Florida Public Utilities Co. Sampler's Phone Number: 904-261-3663 PUBLIC CERTIFICATION INFORMATION: Lab Name: Technical Services, Inc, 2901 Danese St, Jacksonville, FL 32206 Phone: (904) 353-5761 Lab Certification Number: FDHRS #82145 Expiration Date: June 30, 1997 Subcontracted Lab HRS #: PBS&J-83170. ALLYSIS INFORMATION: Date Sample Received: 12/30/96 @ 13:25 Analyses Submitted: Pesticides and PCB's-Partial (Diquat only). I DO HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL DATA SUBMITTED ARE CORRECT. O1/17/97 Laboratory Supervisor Technical Services, Inc. Results mailed to appropriate DEP/ACPHU Office by: Customer	Sample Date & Time: 12/30/96 @ 1120 Laboratory Sample Number: 96120524 Sample Location (be specific): #1 Water plant (resample) Sample Type: Distribution entry point SAMPLER INFORMATION:	
PUBLIC CERTIFICATION INFORMATION: Lab Name: Technical Services, Inc, 2901 Danese St, Jacksonville, FL 32206 Phone: (904) 353-5761 Lab Certification Number: FDHRS #82145 Expiration Date: June 30, 1997 Subcontracted Lab HRS #: PBS&J-83170. ALYSIS INFORMATION: Date Sample Received: 12/30/96 & 13:25 Analyses Submitted: Pesticides and PCB's-Partial (Diquat only). I DO HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL DATA SUBMITTED ARE CORRECT. ADDAMAN ONLY OF TECHNICAL SUBMITTED ARE CORRECT. O1/17/97 Laboratory Supervisor Technical Services, Inc. Results mailed to appropriate DEP/ACPHU Office by: Customer		
PUBLIC CERTIFICATION INFORMATION: Lab Name: Technical Services, Inc, 2901 Danese St, Jacksonville, FL 32206 Phone: (904) 353-5761 Lab Certification Number: FDHRS #82145 Expiration Date: June 30, 1997 Subcontracted Lab HRS #: PBS&J-83170. AALYSIS INFORMATION: Date Sample Received: 12/30/96 & 13:25 Analyses Submitted: Pesticides and PCB's-Partial (Diquat only). I DO HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL DATA SUBMITTED ARE CORRECT. O1/17/97 Laboratory Supervisor Technical Services, Inc. Results mailed to appropriate DEP/ACPHU Office by: Customer		
Lab Name: Technical Services, Inc., 2901 Danese St., Jacksonville, FL 32206 Phone: (904) 353-5761 Lab Certification Number: FDHRS #82145 Expiration Date: June 30, 1997 Subcontracted Lab HRS #: PBS&J-83170. ALLYSIS INFORMATION: Date Sample Received: 12/30/96 @ 13:25 Analyses Submitted: Pesticides and PCB's-Partial (Diquat only). I DO HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF ALL DATA SUBMITTED ARE CORRECT. O1/17/97 Laboratory Supervisor Technical Services, Inc. Results mailed to appropriate DEP/ACPHU Office by: Customer	Samplet S Thore Hambers 304 201 3003	
SUBMITTED ARE CORRECT. O1/17/97 Laboratory Supervisor Technical Services, Inc. Results mailed to appropriate DEP/ACPHU Office by: Customer	Lab Name: Technical Services, Inc, 2901 Danese St, Jacksonvill Phone: (904) 353-5761 Lab Certification Number: FDHRS #82145 Expiration Date: June Subcontracted Lab HRS #: PBS&J-83170. AALYSIS INFORMATION: Date Sample Received: 12/30/96 @ 13:25 Analyses Submitted:	
Results mailed to appropriate DEP/ACPHU Office by: Customer	SUBMITTED ARE CORRECT. 01/17/97	
Results mailed to appropriate DEP/ACPHU Office by: Customer	Technical Services, Inc.	
COMPLIANCE INFORMATION: (to be completed by State)	Results mailed to appropriate DEP/ACPHU Office by: Customer	
	COMPLIANCE INFORMATION: (to be completed by State)	
Sample Collection Satisfactory: Sample Analysis Satisfactory: Resample Requested for: Reason: Person notified to resample: Date Notified:	Sample Collection Satisfactory: Sample Analysis Satisfactory: Reason: Reason:	ctory:
Person notified to resample: Date Notified:	Person notified to resample: Date Notified:	
DEP/ACPHU Reviewing Official:	DEP/ACPHU Reviewing Official:	

PESTICIDE/PCB CHEMICAL ANALYSIS 62-550.310(2)(c) (PWSO29)

	Parameter Name	HCL	Sample Number	Analysis Result		•	Analysis Date	MDL	Lab ID
2032	Diquat (:	20)	96120524 <	:6	ug/L	EPA549	01/05/97	6.0000	83170

PUBLIC WATER SYSTEM INFORMATION:

Public Water System Name: Florida Pul	
Public Water System I.D. Number: 2450	
Address: 911 South 8th St., Fern. Bcl	i., Fl 32034 <u>Phone:</u> 904-261-3663
Public Water System Type: Community	
CLANT E THEODY ETON.	
SAMPLE INFORMATION:	
Sample Date & Time: 12/30/96 @ 1105	
<u>Laboratory Sample Number:</u> 96120525 <u>Sample Location (be specific):</u> #2 Wat	row mlant (wagamala)
Sample Type: Distribution entry point	
Sample Type: Discribation entry point	•
SAMPLER INFORMATION:	
Sampler's Name: J.G.	
Sampler's Company: Florida Public Uti	lities Co.
Sampler's Phone Number: 904-261-3663	.110100 001
PUBLIC CERTIFICATION INFORMATION:	•
Lab Name: Technical Services, Inc, 290	1 Danese St, Jacksonville, FL 32206
Phone: (904) 353-5761	·
Lab Certification Number: FDHRS #8214	
Subcontracted Lab HRS #: PBS&J-83170.	
AMALYSIS INFORMATION:	
Date Sample Received: 12/30/96 @ 13	:25
Analyses Submitted:	
Pesticides and PCB's-Partial, (Diquat	only)
I DO HEREBY CERTIFY THAT TO THE BEST	OF MY PROGREDCE AND DELLE ALL DAMA
SUBMITTED ARE CORRECT.	OF MI MONLEDGE AND BELIEF ALL DAIA
), la #/1	,
11/11 110 L 10-09	01/17/97
Laboratory Supervisor	Date
Technical Services, Inc.	5443
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Results mailed to appropriate DEP/ACP	HU Office by: Customer
	-
COMPLIANCE INFORMATION: (to be comple-	ted by State)
Sample Collection Satisfactory:	Sample Analysis Satisfactory:
Resample Requested for: Person notified to resample:	Reason:
Person notified to resample:	Date Notified:
DEP/ACPHU Reviewing Official:	

PESTICIDE/PCB CHEMICAL ANALYSIS 62-550.310(2)(c) (PWSO29)

	rameter me	HCL	Sample Number	Analysis Result		•	Analysis Date	MDL	Lab ID
2032 Di	quat (2	o)	96120525 <	:6	ug/L	EP1549	01/05/97	6.0000	83170

PUBLIC WATER SYSTEM INFORM	• • • • •		_
Customers Name: Florida Pu	oblic- Utilities C	empeny/Cherics Ho.	ZV51+22
Fublic Waler System I.D. Number.	450364		
Public Water System Name: EL 7	Dublic Utiltics C	ca sand	
Address: 311 South 8th	TTECH , FUEDAD	d'ac, Dch. , EL 3203	4
Phone No .: (904) 261-36	, ‡3		
Public Waler System Type (check one):	() Community ()	Noncommunity () Nontrer	islant Horicommunity
SAMPLE INFORMATION:	· 4	$\sim \sim$	Ŧ
Sample Date (MM/DD/Y): 12-		Sample Time:	
Laboratory Sample Number(s):	6120524		
Sample Location (be specific):	imber / Water	Warks (Kesang)	< for Diguet)
Sampler Name and Phone No.: 10	the Graves, Was	THE Superintendent	
Samplers Signature:		Tide:	
Check Type(s): () Distribution	() Recheck of MCL	() Resample of Lac Invalidati	eg Sauble
() Clearance	() THM Max. Res. Time	() Plant Tap	
(Distrib, entry pt	()Raw	() Composite of Multiple Site	s-Anach a format for Hac
ANALYSIS REQUESTED Date Sample Received:			
() Nitrate Only	() Nitrite Only	() Aspesios Chiy	Trinalomethanes
lnorganics—	Volalile Organics-	Secondaries-	Pesticides and PCGs
() All 17 () Partial	() All 21 () Partial	() ਅ। 1 + () ਇਹਰਾਹ	اعال ١٥٥ المر ١
Group I Unregulateds-	Group II Unregulateds—	Group III Unragulareds—	D; gy = + = n/y Radiochamicals-
() All 13 () Partial	() All 23 () Partial	() All 11 () Parnal	() Single Sample
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			• • • • • • • • • • • • • • • • • • • •

^{*} Provide radiochemical sample dates & locations for each quarter.

PUBLIC WATER SYSTEM INFORM	MATION (to be completed b	y system or lab)	
Customers Name: Florida F	ublic Utilities C	empeny/Cherics H. J	helton
Fublic Waler System I.D. Number.	2450364	·	
Public Water System Name:			
Address: 311 Sento 8+	Street Frenza	ding Bch. , EL 32034	
Prond No : (904) 261-3	643	, ,	
Public Waler System Type (check one	b): (X) Community ()	Noncommunity () Nontrans	sient Horiconnumity
SAMPLE INFORMATION:			· · · · · ·
Sample Date (MM/DDM): 12	- 30 - 96	Sample Tune:	
Laboratory Sample Number(s):	36120525		
Sample Location (be specific):A	umber 2 Water	Warks CRESAMOLE	for Dignet)
Sampler Name and Phone No.:	>nn Graves, Was	THE Superintendent	υ
Samplers Signature:		Tidė:	
Check Type(s): () Distribution	() Rechark of MCL	() Resample of L30 Invalidate	d Sarubie
() Clearance	() THM MEX Ros. Time	() Asnt Tap	
(> Distrib. entry pr	() Raw · .	() Composite of Multiple Sites	-Affach a format for Hach s
ANALYSIS REQUESTED			
Date Sample Receved:			
() Nitrate Only	() Nitrite Only	() Aspasios Only	Trinalomernanés
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^{*} Provide radiochemical sample dates & locations for each quarter.

Technical Services, Inc. 2901 Danese St., Jacksonville, FL 32206 (904) 353-5761 / fax (904) 358-2908

CHAIN of CUSTODY RECORD 96/2052 4-05

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CLIENT NAME & ADD (REPORT TO BE SEN				REA	AARKS	i:					4 -
Florida Public	Utilities	Company									
911 South 8th	Street										
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Technical Services, Inc. 2901 Danese St., Jacksonville, FL 32206 (904) 353-5761 / fax (904) 358-2908

CHAIN of CUSTODY RECORD

2901 Da		206	BOTTLE MAKEUP	
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nole Location ID	DATE TIME	COMPGRA	В	PARAMETERS
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INQUISHED BY:	lan	DATETIME	RECEIVED BY:	DATE/TIME
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NQUISHED BY:	·	DATE/TIME	RECEIVED BY:	ОАТЕ/ПМЕ
			RECEIVED FOR LABORATORY BY:	DATE/TIME

PUBLIC WATER SYSTEM INFORM.			
Customers Name: Florida Pub.	lic Utilities Company/C	harles H. Shelton	
Fublic Water System I.D. Number:	2450364		
Public Water System Name: Florie		pany	
Address: 911 South 8th Street	et, Fernandina Beach, F	L 32034	
From No.: 904/261-3663			
Public Waler System Type (check one)	: (X) Community () Nor	neominandy () Rominalia.	ent Rendermounty
SAMPLE INFORMATION:	• • •		
Sample Dale (MM/DDMY): 12-	· 23 - 1996	Sample Time. 10:15	9.M.
	10120458		
	umber 2 Water Works		· ·
,	ng Graves, Water Superi	ncendenc, 904/277-1971	
Sumpiers Signature: Office T	(4)	Talio:	
Chuck Type(s): () Distribution		المادان ما المناه المادان المادان المادان ()	1 Sulficio
() Clearance		() Fisht Tap	,
(X) Distrib. entry pt	(MRaw	() Composite or thyripie Sites-	-Artach a format for ##
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Date Sample Received:	Wib for Yazila	12/0746 16	<u> </u>
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() &	1) Paniai	() All () Parial	() Single Sample (Chry. Composite

^{*} Provide radiochemical sample dates & locations for each quarter.

Public water system infor	MATION (to be completed by	systam or iai)	
Customers Name: Florida Pub			
Public Waler System I.D. Number:			
Public Water System Name: Flori	da Public Utilities Co	mpany	
waress: 911 South 8th Stre	et, Fernandina Beach,	FL 32034	
Front No.: 904/261-3663			
Public Waler System Type (chack ori	is): (X) Community () is	ouspinitionity () Hethralis	Swift Hondonungury
SAMPLE INFORMATION:	, ••·		
Emple Dale (HM/DDM):	2 - 23 - 1996	_ S. Mple Tille //: 35 A	M.
Eporatory Sample Number(s):	10120457		
Emplo Location (be specific):	mber 1 Water Works		•
ampier Name and Phone Ngg Jo	hn Graves, Water Super:	intendent	
empiers Signature:	Grane	_ Title:	
heck Type(s): () Distribution	() Recheck of MCL	() הפשמונונים של בים ומישויים ו	d Swinule
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MALYSIS REQUESTED	lov. Exch	7	1,
ale Sample Received:	Usa 7- Juli	2 10/03/96	14//
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horganics—	Vulatile Organics-	5ಕರುಗಿರಮುಕ್ಕ	ಗಿಂತಗಳುರಿಂತ ಮಗರ ೧೦೦s=
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^{*} Provide radiochemical sample dates & locations for each quarter.

PUBLIC WATER SYSTEM INFORK	AATION (to be completed by	y systam action)	
Customers Name: Florida Put	olic Utilities Compan	v/Charles H Shalson	
Public Water System I.D. Number:	2450364	, swelles Shellon	
Public Water System Name: Flori	da Public Utilities	Company	
Address: 911 South 8th Stre	et, Fernandina Beach	FL 32034	
Frans No.: 904/261-3663			
Fublic Waler System Type (check one): (X) Continuity ()	поперинения () насига	Book Hondonnandrary
SAMPLE INFORMATION:	•,		
Sample Date (MM/DDMY): 12.	- 23 - 1996	_ Sample Time	4
Liberatory Sample Number(s):	10120458	SIMPle Tille	AM.
Sample Location (be specific): N	umber 2 Water Works		
Sampler Name and Phone No.:	hp Graves, Water Supe	rintendent 90//277 1071	
Sampler's Signature: Office T		Tino:	_
Check Type(s): () Description	() Rachack of MCL		
() Claaranca	() THM MEX. Ros. Turio	() Resulting of the Invalidation () Fight Tap	יק בייוורים
(X) Distrib, entry pt	(A)Raw	() Composite or thyrippe Sites	
,		C / Composition of invitation Sites	i-Aπach a loimat ioc
ANALYSIS REQUESTED	1/2	- / <td></td>	
Date Sample Received:	WID J SIZIO	1010346	4//
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hiorganics-	Vulatile Organics-	5-000ರಗಳನ್-	
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•	1	()~() [] [] []	() Single Sample
			Mainy Compas

^{*} Provide radiochemical sample dates & locations for each quarter.



January 7, 1997

07:20

CERTIFICATE OF ANALYSIS

SAMPLE SUMMARY

WORKORDER:

9612394

SENT

TECHNICAL SERVICES, INC.

TO:

2901 DANESE STREET

P.O. BOX 52329

JACKSONVILLE, FL. 32201

SONYA SAPP

904-353-5761 FAX 358-2908

ANALYZED

PBS&J Environmental Laboratories

BY:

6635 East Colonial Drive Orlando, Florida 32807

WATER PLANT 1&2

Phone: (407) 277-4443

Fax: (407)382-8794

21 000 49

DUNCAN CAPPL

TAKEN BY: TRANSPORTED:

WORK DESCRIPTION:

SAMPLE TYPES:

PBS&J CONTACT: RECEIVED DATE: REPORTED DATE:

PROJECT:

12/31/96 01/07/97

PO#:

6160 08988PP

State of Florida Certifications: E83011-Environmental, 83170-Drinking Water and Radiochemistry

CompQAP 860044G

COLLECTED DATE/TIME

96120524 #1 WATER PLANT

96120525 #2 WATER PLANT

SAMPLE DESCRIPTION

01 02

LAB ID

12/30/96 11:20:00 12/30/96 11:05:00

Rocco Alessandro, PhD Laboratory Director

07:20

CERTIFICATE OF ANALYSIS

RESULTS BY SAMPLE

SENT TECHNICAL SERVICES, INC. TO: 2901 DANESE STREET P.O. BOX 52329 JACKSONVILLE, FL. 32201

SONYA SAPP

904-353-5761 FAX 358-2908 BY:

ANALYZED PBS&J Environmental Laboratories 6635 East Colonial Drive

Page

Orlando, FL 32807

Phone: (407) 277-4443 Fax: (407) 382-8794

This is to certify that the following samples were analyzed using good laboratory practices to show the following results.

Sample ID: 96120524 #1 WATER PLANT		Lab ID:	9612394-01	2/30/96 11:20:0	
TEST	RESULT	UNITS	METHOD	EXTRACTED	ANALYZED :
DIQUAT	<6 U	ug/L	EPA 549	01/03/97	01/05/97 cc
Sample ID: 9612052	0525 #2 WATER PLANT Lab ID: 9612394-02 Collecte		Collected: 12	2/30/96 11:05:0	
TEST	RESULT	UNITS	METHOD	EXTRACTED	ANALYZED]
DIQUAT	<6 U	ug/L	EPA 549	01/03/97	01/05/97 cd



January 21, 1997

10:34

CERTIFICATE OF ANALYSIS

WORKORDE:

9612374

SAMPLE SUMMARY

SENT

TECHNICAL SERVICES, INC.

TO:

2901 DANESE STREET

P.O. BOX 52329

JACKSONVILLE, FL. 32201

SONYA SAPP

904-353-5761 FAX 358-2908

ANALYZED BY:

PBS&J Environmental Laboratories

6635 East Colonial Drive

Orlando, Florida 32807

Phone: (407) 277-4443

Fax: (407)382-8794

PROJECT:

PBS&J CONTACT:

21 000 49 DŨNCĀN

12/24/96

TAKEN BY: TRANSPORTED:

> SAMPLE TYPES: PO#:

WORK DESCRIPTION:

96120457,96120458

6160 008659

RECEIVED DATE: REPORTED DATE: 01/21/97

State of Florida Certifications: E83011-Environmental, 83170-Drinking Water and Radiochemistry

CompQAP 860044G

SAMPLE DESCRIPTION

LAB ID

COLLECTED DATE/TIME

96120457 96120458

01 02 12/23/96 12/23/96

Roceo Alessandro, Phi Laboratory Director

SENT TECHNICAL SERVICES, INC.

TO: 2901 DANESE STREET P.O. BOX 52329

JACKSONVILLE, FL. 32201

SONYA SAPP

904-353-5761 FAX 358-2908

BY:

ANALYZED PBS&J Environmental Laboratories

6635 East Colonial Drive

Orlando, FL 32807

Phone: (407) 277-4443 Fax: (407) 382-8794

This is to certify that the following samples were analyzed using good laboratory practices to show the following results.

Sample ID: 96120457

Lab ID: 9612374-01 Collected: 12/23/96

Julipic 15: 30120437			7012374 01	Concetta. 12	2123190	
TEST	RESULT	UNITS	METHOD	EXTRACTED	ANALYZED	BY
Regulated carbamates carbofuran oxamyl (vydate)	<3.0 U <3.0 U	ug/L ug/L	EPA 531.1		12/30/96 12/30/96	cd cd
DIBROMOCHLOROPROPANE	<0.02 U	ug/L	EPA 504	01/02/97	01/02/97	lkp
ETHYLENE DIBROMIDE	<0.02 U	ug/L	EPA 504	01/02/97	01/02/97	lkp
Regulated pesticides 505 chlordane endrin heptachlor heptachlor epoxide lindane methoxychlor polychlorinated biphenyl toxaphene hexachlorobenzene hexachlorocyclopentadiene	<0.20 U <0.30 U <0.05 U <0.05 U <0.05 U <2.0 U <1.0 U <0.05 U <0.05 U <0.30 U	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	EPA 505	12/26/96	01/08/97 01/08/97 01/08/97 01/08/97 01/08/97 01/08/97 01/08/97 01/08/97	cd cd cd cd cd cd cd cd cd cd cd cd cd c
BENZO(A)PYRENE	<0.1 U	ug/L	EPA 550.1	12/30/96	01/13/97	cd
DI(2-ETHYLHEXYL)ADIPATE	<16.0 U	ug/L	EPA 506	12/30/96	12/31/96	lkp
DI(2-ETHYLHEXYL)PHTHALATE	<5.0 U	ug/L	EPA 506	12/30/96	12/31/96	lkp
ENDOTHALL	<25 U	ug/L	EPA 548.1	12/30/96	01/10/97	lkp
GLYPHOSATE (ROUNDUP)	<21 U	ug/L	EPA 547		01/02/97	cd
Regulated herbicides 2,4-d 2,4,5-tp (silvex) dalapon dinoseb pentachlorophenol picloram	<1.0 U <0.2 U <6.0 U <1.0 U <1.0 U <1.0 U	ug/L ug/L ug/L ug/L ug/L ug/L	EPA 515.1	12/30/96	01/12/97 01/12/97 01/12/97 01/12/97 01/12/97 01/12/97	ikp ikp ikp ikp ikp
legulated pesticides 507 alachlor atrazine simazine	<1.0 U <0.5 U <0.5 U	ug/L ug/L ug/L	EPA 507	12/30/96	01/05/97 01/05/97 01/05/97	lkp lkp lkp

DRINKING WATER PESTICIDES AND PCB'S

CERTIFICATE OF ANALYSIS RESULTS BY SAMPLE

Page

Sample ID: 96120458

Lab ID: 9612374-02 Collected: 12/23/96

Jampie 12. 70120450		Lau ID.	701m274 0m	Conceica. 1.	21 231 70	
TEST	RESULT	UNITS	METHOD	EXTRACTED	ANALYZED	
Regulated carbamates carbofuran oxamyl (vydate)	<3.0 U <3.0 U	ug/L ug/L	EPA 531.1		12/30/96 12/30/96	c
DIBROMOCHLOROPROPANE	<0.02 U	ug/L	EPA 504	01/02/97	01/02/97	IJ
ETHYLENE DIBROMIDE	<0.02 U	ug/L	EPA 504	01/02/97	01/02/97	11
Regulated pesticides 505 chlordane endrin heptachlor heptachlor epoxide lindane methoxychlor polychlorinated biphenyl toxaphene hexachlorobenzene hexachlorocyclopentadiene	<0.20 U <0.30 U <0.05 U <0.05 U <0.05 U <2.0 U <0.4 U <1.0 U <0.05 U <0.30 U	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	EPA 505	12/26/96	01/08/97 01/08/97 01/08/97 01/08/97 01/08/97 01/08/97 01/08/97 01/08/97 01/08/97	00000000000
BENZO(A)PYRENE	<0.1 U	ug/L	EPA 550.1	12/30/96	01/13/97	CI
DI(2-ETHYLHEXYL)ADIPATE	<16.0 U	ug/L	EPA 506	12/30/96	12/31/96	11
DI(2-ETHYLHEXYL)PHTHALATE	<5.0 U	ug/L	EPA 506	12/30/96	12/31/96	13
ENDOTHALL	<25 U	ug/L	EPA 548.1	12/30/96	01/10/97	11
GLYPHOSATE (ROUNDUP)	<21 U	ug/L	EPA 547		01/02/97	CI
Regulated herbicides 2,4-d 2,4,5-tp (silvex) dalapon dinoseb pentachlorophenol picloram	<1.0 U <0.2 U <6.0 U <1.0 U <1.0 U <1.0 U	ug/L ug/L ug/L ug/L ug/L ug/L	EPA 515.1	12/30/96	01/12/97 01/12/97 01/12/97 01/12/97 01/12/97	Ik Ik Ik Ik Ik
Regulated pesticides 507 alachlor atrazine simazine	<1.0 U <0.5 U <0.5 U	ug/L ug/L ug/L	EPA 507	12/30/96	01/05/97 01/05/97 01/05/97	lk lk lk

DRINKING WATER PESTICIDES AND PCB'S



client: Technical Services

P.O. Box 1833 Tampa, Florida 33601 (813) 229-2879 Fax (813) 229-0002

PUBLIC DRINKING WATER ANALYSIS REPORT

PUBLIC WATER SYSTEM INFORMATION (to b	be completed by system or samp	ler)
System Name: Florida Public Uti	lities I.D. #: 2450	3/14
Address: 911 S. 8th St. Ferrundin		
Type (check one): (X) Community ()N	•	
SAMPLE INFORMATION (to be completed b		•
Sample Date (MMDDYY): 12/23/90	-	5
Sample Location (be specific): Number		-14120100
Sampler Name and Phone:		
Sampler's Signature:	Title:	
Check Type(s): () Distribution () Resample () Plant Tap () Composite of Mult	() Recheck of MCL () Clearance () Distrib entry pt iple SitesAttach & format for each si	() Raw () Thm Max Res Time
LABORATORY CERTIFICATION INFORMATION(t	co be completed by lab) Att	ach Analyte Sheet
Lab Name: KNL Laboratory Services FAddress: PO Box 1833, Tampa, FL 33601		June Renewal
Subcontracted Lab HRS #: Gr	oups Analyzed:	
Subcontracted Lab HRS #: Gr	oups Analyzed:	
ANALYSIS INFORMATION(to be completed b	y lab) KNL Sample No. 90	1098
Date Sample(s) Received: $\frac{1-\sqrt{\rho-C_1}}{2}$	Group(s) Analyzed:	
() Nitrate/Nitrite Only () Asbestos Only	y () Trihalomethanes (field Cl,]
Inorganics Volatile Organics () All 17 () All 21 () All except asbestos () Partial () Partial	Secondaries () All 14 () Partial (field pH)	Pesticides & PCB's () All 30 () All except dioxin () Partial
Group I Unregulateds () All 13 () All 23 () Partial () Partial	Group III Unregulateds () All 11 () Partial	Radiochemicals () Single Sample () Qtrly Composite*
•	Provide radiochemical sample dates & lo	cations for each quarter
I, Garrett McGibbon, do HEREBY CERTIFY	that all attached analytical	data are correct.
Signature Danett M. H.Min	Title: Laboratory Mgr.	
COMPLIANCE INFORMATION (to be completed Sample Collection Satisfactory	by State) Sample Analysis Satisfactory	
Sample Collection Satisfactory Resample Requested for	Reason: Date Notified	
Person notified to resample:	Date Notified	



P.O. Box 1833 Tampa, Florida 33601 (813) 229-2879 Fax (813) 229-0002 DEP COMPQAP #870251

Lab ID: 84252

RADIOCHEMICAL ANALYSIS

62-550.310(4)

(PWS033)

Para	meter	Sample	Analysis	Analytical	Analysis	Analysis
	Name	Number	Result (pCi/l)	Method	Error	Date
4000	Gross Alpha	99698	1.1	EPA 900.0	± 1.0	1-09-97

Alpha Standard: Th-230



P.O. Box 1833 ampa, Florida 33601 (813) 229-2879 Fax (813) 229-0002

client: Technical Services

PUBLIC DRINKING WATER ANALYSIS REPORT

FLAB

NOT

PUBLIC WATER SYSTEM INFORMATION (to)	be completed by system or sampler)
System Name: Florida, Public 11th	lities 1.D. #: 2450304
Address: 9115.8th St. Ferrand	ina Boach, Flehone #: 904-261-3663
Type (check one): (X) Community () N	Noncommunity ()Nontransient Noncommunity
SAMPLE INFORMATION (to be completed, b	by sampler)
Sample Date (MMDDYY): 12, 23, 91	Sample Time: 1135
Sample Location (be specific): Nur	ber 1 Water works 9612045
Sampler Name and Phone:	
Sampler's Signature:	
Check Type(s): () Distribution () Resample () Plant Tap () Composite of Mult	() Recheck of MCL () Raw) Clearance () Thm Max Res Time ciple SitesAttach alformat for each site
LABORATORY CERTIFICATION INFORMATION (to be completed by lab) Attach Analyte Sheet
Lab Name: <u>KNL Laboratory Services</u> I Address: <u>PO Box 1833, Tampa, FL 3360</u>	HRS#: <u>84252</u> Expiration Date: <u>June Renewal</u> 1 Phone #: <u>813-229-2879</u>
Subcontracted Lab HRS #: Gr	roups Analyzed:
Subcontracted Lab HRS #: Gr	roups Analyzed:
ANALYSIS INFORMATION(to be completed b	by lab) KNL Sample No. 99697
Date Sample(s) Received: 1-1-97	Group(s) Analyzed:
() Nitrate/Nitrite Only () Asbestos Onl	
Inorganics Volatile Organics () All 17 () All 21 () All except asbestos () Partial () Partial	Secondaries Pesticides & PCB's
Group I Unregulateds () All 13 () All 23 () Partial () Partial	Group III Unregulateds Radiochemicals () All 11 () Single Sample () Partial () Otrly Composite*
•	Provide radiochemical sample dates & locations for each quarter
I, Garrett McGibbon, do HERERY CERTIFY Signature Daneth Te Jillan	that all attached analytical data are correct. Title: Laboratory Mgr. Date: 1/10/97
COMPLIANCE INFORMATION(to be completed Sample Collection Satisfactory	Sample Analysis Satisfactory
Person notified to resample:	Date Notified
DED/UDC Desciowing Official	



P.O. Box 1833 Tampa, Florida 33601 (813) 229-2879 Fax (813) 229-0002 DEP COMPQAP #870251 Lab ID: 84252

RADIOCHEMICAL ANALYSIS

62-550.310(4)

(PWS033)

Parameter	Sample	Analysis	Analytical	Analysis	Analysis
ID Name	Number	Result (pCi/l)	Method	Error	Date
4000 Gross Alpha	99697	0.0	EPA 900.0	± 1.0	1-09-97

Alpha Standard: Th-230

SECTION 4

Water Plant Operating Reports



FLORIDA PUBLIC UTILITIES COMPANY 911 SOUTH 8TH ST, FERNANDINA BEACH FL 32034 3706

STATEMENT

Date : Number:

4/27/99 3603084

MAKE CHECK PAYABLE TO: FPUC AMOUNT ENCLOSED

\$

LOUIS L MCKEE P O BOX 75 FERNANDINA BCH FL

32034

Indlandellamilladallamiadadadliadadadl

FLORIDA PUBLIC UTILITIES COMPANY

PO BOX 418

FERNANDINA BEACH FL 32035 0418

K HERE IF ACCOUNT CHANGES ARE REQUESTED ON REVERSE SIDE

62368	056580
NUMBE	B
/ Geloil	INTERNAL DE

Bajance Before CURRENT Charges	Charges	TOTAL
.00	58.04	58.04

CURRENT Charges Past Die On 5/18/99

E: 1451 TO INSURE PROPER CREDIT. PLEASE DETACH AND RETURN THIS PORTION WITH PAYMENT

FLORIDA PUBLIC UTILITIES COMPANY 911 SOUTH 8TH ST, FERNANDINA BEACH FL 32034 3706 (904) 261 3663

ner Name

ner Name : Louis L MCKEE none Number: () 261 4348 ce Address : 1619 CLINCH DR

Account Number: 01 062368 056580 Statement Number: 3603084 Statement Date: 4/27/99

HT ACTIVITY:

ROUTE: 1451

evious	Total	Addustranta to	Balance	* CURRENT	TOTAL
apendado	Payments	Prove Stateman	Forward William	Charges	AMOUNT
lengo	二		(E)	(+)	DUE
123.95	123.95CR	1	.00	58.04	58.04

ANATION OF CURRENT CHARGES:

CURRENT CHARGES BECOME PAST DUE ON: 5/18/99

Parties	ijorijaji V		difficis Threfit	Use	Gonstant Factor	i kali Use:	Raise	
3/22 3/22 3/22 3/22	4/21 4/21 4/21	8576 72 4387	8742 72 4409	166 72 22	1.0000 1.0000 1.0000	166 72 22	RS 2 OL 1 FW	15.29 EL 5.60 EL 36.93 WA
					GROSS RCF	PTS TAX I	NCR	.22
		013 4			TOTAL CUR	RRENT CHA	RGES	58.04

CAL & BILL CALCULATION DATA:

** EL = Electric / WA = Water / SW = Sewer / SS = Sanitation

rgy Usage Inf	formati	on:	Electric	Service Amount	Includes the Fo	llowing:
IH Used is Month	# of Days	KWH Per Day	Customer Charge	Base Energy Charge	Purch. Power Adjustment	Demand Charge
166	30	5	7.00	1.2310	3.7620	
1,088	29	37	\$ Per Month	Cents per KWH	Cents per KWH	\$ Per KWH

S:



Department of Environmental Protection

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

INS	TRUCTIONS: See Page 5.			•	
l.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT II	VFORMATION			
	Water System Information System Name: Florida Public Utilities Company	PWS Identifi	cation No.: _	2450364	
	System Owner Name:Florida Public Utilities Company	Telephone No	· <u>904/2</u>	61-3663	
	Address: P.O. Box 418, 911 South 8th Street	State: F	Tie Code	22026	
	City: Fernandina Beach System Type: 5 community: 0 non-transient non-community: 0 non-comm		_ cip code:	_32035	
	No. of Service Connections at End of Reporting Month: 6070 : Total		eporting Mon	th: 11.90	10
			• •		
	Water Treatment Plant Information ◆ Treatment Plant				
	Name: Number 1 Water Works	Telephone No	904/27	77-1971	
	Address: North 11th Street & Atlantic Avenue		. <u> </u>	<u> </u>	
	City: Fernandina Beach	State: FL	Zip Code:	32034	
	Permitted Maximum Day Capacity of Plant: 5.7 gpd; Plant	Category and Class per Rule (2 699.310(3)	F.A.C.:	С
	Plant Operators: See Page 3.			-	
t. .	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MO	NTH/YEAR OF Januar	/ 1998	: Se	ee Page 2
11.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYM	MER CONTAINING ACRYLA	MIDE, POL	YMER CONT	FAINING
	EPICHLOROHYDRIN, ANDIOR IRON AND MANGANESE SEQUESTI				
V. :	STATEMENT BY LEAD/CHIEF WATER TREATMENT PLANT OPER				
t	l, the undersigned lead/chief operator of the water treatment plant listed in elief, the information provided in this report is true and accurate.	Part I of this form, certify tha	t, to the best	, of my knowle	idge and
	Also, I certify that the following additional operations records applicable to isited the plant during the reporting month indicated on this report and that ite for not less than five years:	this plant were prepared each these records will be maintained	day a certifie I available for	d operator stat	lied or plant
	• records of amounts of chemicals used and chemical feed rates;				
	 process performance records for coagulation/flocculation (e.g., source verfluent pH and alkalinity in addition to chemical feed rates); 	water temperature, pH, turbidity	, color, and a	ikalinity and p	tocess
	· process performance records for sedimentation (e.g., process effluent)				
	 process performance records for filtration (e.g., process effluent turbid run volumes, head losses, length of filter runs, frequency of backwash 	ity and color, number of filters	in service, fil	tration rates,-u	anit filter
	backwash rates):	. SUIDUU DI USCEMASII MAICI U	sed, but attoll	OI UBCKWASI,	aun
	• process performance records for lime-soda ash softening [e.g., source to	water and process elfluent hard	lness in addit	ion to records	for
	coagulation/flocculation, sedimentation, and filtration);	•			
	• process performance records for ion exchange softening le.g., feed and	bypass flows, blend rate, and	salt and bring	e used);	
	 process performance records for reverse osmosis (e.g., feed, product, turbidity; product pH and conductivity; and brine pH and conductivity); 		temperature,	סחסטכוויוו	ıy, ano
	 process performance records for electrodialysis (e.g., polarity, feed tem 		lids product i	conductivity an	o total
	dissolved solids, dilute flow rate, brine make-up, pressures, and volts/a		•	•	
		Charles H. Shelto		22	57 .
	Signature and Date	Name and Certificate Number	(please type	or briut)	

Page 1

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE B-200
JACKSONVILLE, FLORIDA 32256-7577

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water	Allente/Substitute DEF Form 62-855.910(3)
System PWS Identification Number: 2450364 Treatment Plant Name: Number 1 Water Works	
II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF _	January 1998

 Type of Residual Chlorine dioxide 	Disinfectant Maintained in Distribution System Served by Plant: 💆 free chlorine; 🗆 combined chlorine (chloramine); e
71.	Residual Disinlectant in Distribution System Lowest Residual Residual Residual

Disinfection Concentration Concentration	71.			Lowest Residual		Disinfectant in Distribut	ion System	Reported
Concentration System (Ing/L) Concentration System (Ing/L) Concentration System (Ing/L) System	the	Plant in	Water Produced by Plant	Concentration at,	Residual	Where Residual	Disinfectant	Emergency or Abnormal
1	1.	Operation	(anilons)	1				Conditions
1	11.			J. J				
2 24 1,293,900 2.0	<u> </u>	<u> </u>			Point (mg/L)*	Sampling Points	(Img/L)',	
3 24 1,472,600 2,2		24	1,993,400	1.6				
4 24 1,623,550 2.2	2	24	1,293,900	2.0				
S	3	24	1,472,600	2.2				
6 24 1,541,200 2.2	4	24	1,623,550	2.2				
7 24 1,685,600 2.2	5	24	1,623,550	2.2	<u> </u>			
B	6	24	1,541,200	2.2				
9 24	7	24	1,685,600	2.2		<u> </u>		
10	8	24	1,638,500	2.2				
11	. 9	24	1,677,000	2.4	1			
11	10	24	1,415,500	2.2				
12	11			2.0				
12	12	24		2.0				
16	: 3	24		2.5	i	6	0.4	
15	14							
16	15							
17	16	24		2.1				
18	17			2.5	1			
15	18			2.3				
20	19		1,523,000	2.3			l	
22 24 1,635,700 2.0 5 0.4 23 24 1,630,800 2.0	20			2.2				
22 24 1,635,700 2.0 5 0.4 23 24 1,630,800 2.0	21	24	1,610,700	2.2				
23 24 1,630,800 2.0 24 24 2,076,600 2.0 25 24 1,232,100 2.3 26 24 1,232,100 2.3 27 24 1,561,500 2.0 28 24 1,520,900 2.2 29 24 1,434,600 2.2 30 24 1,635,800 2.2 31 24 1,494,500 2.2 Total XXXXXXX 48,939,400 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	22			2.0		5	0.4	
24 24 2,076,600 2.0 25 24 1,232,100 2.3 26 24 1,232,100 2.3 27 24 1,561,500 2.0 28 24 1,520,900 2.2 29 24 1,434,600 2.2 30 24 1,635,800 2.2 31 24 1,494,500 2.2 Total 1,494,500 2.2 Total 1,578,690 1,578,690 20 1,578,690 1,578,690	23			2.0				
25 24 1,232,100 2.3 26 24 1,232,100 2.3 27 24 1,561,500 2.0 28 24 1,520,900 2.2 29 24 1,434,600 2.2 30 24 1,635,800 2.2 31 24 1,494,500 2.2 Total XXXXXX 48,939,400 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	24	24		2.0				
26 24 1,232,100 2.3 27 24 1,561,500 2.0 28 24 1,520,900 2.2 29 24 1,434,600 2.2 5 0.4 30 24 1,635,800 2.2 31 31 24 1,494,500 2.2 Total XXXXXX 48,939,400 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	25	24		2.3				
27	26							
28 24 1,520,900 2.2	27			2.0	-			
29 24 1,434,600 2.2 5 0.4	28							
30 24 1,635,800 2.2	29					5	0.4	
31 24 1,494,500 2.2	30	24		2.2				
Total XXXXXX 48,939,400 XXXXXXXXXXXX XXXXXXXXXX 16 XXXXXXXXXX	31	24		2.2			L	
Avg. XXXXXX 1,578,690 XXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXX	Total	XXXXXX						
						XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXX
-Max. XXXXXX			2,076,600					

If at any time the residual disinfectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555, 350(3), F.A.C.

Page 2

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wife or telephone within 24 hours pursuant to Rule 62-555,250(2), F.A.C.

Signature and Date

Department of Environmental Protection

AhanasaSusannus Off form 62-666.310(3)

2257.

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

11	INSTRUCTIONS: See Page 5.	
f.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORM.	ATION
	Water System Information System Name: Florida Public Utilities Company System Owner Name: Florida Public Utilities Company Address: P.O. Box 418, 911 South 8th Street City: Fernandina Beach System Type: Community: Onon-transient non-community: Onon-community: Onon	
		Telephone No.: 904/277-1972 State: FL Zip Code: 32034 y and Class per Rule 62-699.310(3), F.A.C.: C
Ħ,	 Plant Operators: See Page 3. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YE. 	AR OF January 1998 : See Page
Ш.	I. SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CO EPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT:	NTAINING ACRYLAMIDE, POLYMER CONTAINING
۱۷.	STATEMENT BY LEAD/CHIEF WATER TREATMENT PLANT OPERATOR	·
	I, the undersigned lead/chief operator of the water treatment plant listed in Part I o belief, the information provided in this report is true and accurate.	I this form, certify that, to the best of my knowledge and
	Also, I certify that the following additional operations records applicable to this plar visited the plant during the reporting month indicated on this report and that these recoils for not less than five years:	
	 records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source water ten effluent pH and alkalinity in addition to chemical feed rates); process performance records for sedimentation (e.g., process effluent turbidity and crun volumes, head losses, length of filter runs, frequency of backwash, amount backwash rates); process performance records for lime-soda ash softening (e.g., source water an coagulation/flocculation, sedimentation, and filtration); process performance records for reverse osmosis (e.g., feed and bypass process performance records for reverse osmosis (e.g., feed, product, and brine turbidity; product pH and conductivity; and brine pH and conductivity); and process performance records for electrodialysis (e.g., polarity, feed temperature dissolved solids, dilute flow rate, brine make-up, pressures, and volts/afips). 	and sludge volume produced); olor, number of filters in service, filtration rates, unit filter of backwash water used, duration of backwash, and d process effluent hardness in addition to records for flows, blend rate, and salt and brine used); flows; feed pressure, temperature, pH, conductivity, and

Page 1

Charles H. Shelton

Name and Certificate Number (please type or print)

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE 6-200
JACKSONVILLE, FLORIDA 32256-7577

Monthly	Operation	Report	for Publ	ic Water	Systems	that Use	Ground	Water
and for	Consecut	ive Pub	lic Wate	r System	s that Tr	est Their	Water	

MINNESSORIUM	06,	fem	4 2	-65	5 ,9	10131

System PWS Identification	Number:	245036	4	
irealment Plant Name: _	Number 2	2 Water	Works	

■ Type of Residual Disinfectant Maintained in Distribution System Served by Plant:

☐ tree chlorine: ☐ combined chlorine (chloramine): ☐ chlorine dioxide

		1 19		Residual Disintectant in Distribution System			
Day of		Quantity of Finished	Lowest Residual		Number of Instances Where Residual	Lowest Residual Disinfectant	Reported
Month	Plant in Departion	Water Produced by Plant (gallons)	Entry to Distribution	Disinfectant	Disinfectant	Concentration at	or Abnormal Operating
	1.		System (mg/L)	Concentration .vat Remote Point (mg/L)*	Measurements Taken at Total Coliform Sampling Points	.Total Coliform .Sampling Points .Img/U	Conditions
 	24	1,450,500	1.8	Four tingres	Casinpung Fourts	.tmg/Cj , ;	
1 2	24	982,500	1.6	 			†
3	24	1,240,100	2.0	f		 	
4	24	1,334,600	1.7				
5	24	1,334,600	1.7	 	 	ļ	
5	24	1,284,700	1.8	· · · · · · · · · · · · · · · · · · ·	1		
7	24	1,228,900	2.0	 	 	†	
8	24	957,900	2.0	 	1.	<u> </u>	
9	24.	1,008,700	2.0	1	1		
10	24.	929,200	2.0	1	1		
11	24	1,368,300	2.0	1		1	
12	24	1,368,300	2.0	i		1	
:3	24	1,001,800	2.2	i	6	0.4	
14	24	1,083,700	2.1	1	1	i	
15	24	1,059,200	2.0	1	1	1	
16	24	1,036,700	2,2			İ	
17	24	1,141,900	2.5	i	1	i	
18	24	1,200,750	2.0	1		İ	
19	24	1,200,750	2.0				
20	24	1,133,400	2.1	i	1		
21	24	1,203,500	2.0	İ	1		
22	24	1,171,700	2.0	1	1 5	0.4	
23	24	1,071,400	2.1				
24	24	1,258,500	2.1				
25	24	884,500	2.3				
26	24	. 884,500	2.3				
27	24	893,300	2.5	_			
28	24	961,800	2.0				
29	24	1,002,600	1.9		5	0.4	
30	24	1,133,000	1.9				
31	24	1,047,800	2.0				
Total	XXXXXX	34,859,100	xxxxxxxxxxx	XXXXXXXXX	16	xxxxxxxxx	XXXXXXXX
Avç.	XXXXXX	31,037,200			XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXX
l:Azx.	XXXXXX		xxxxxxxxxx	xxxxxxxx	xxxxxxxxxxx	XXXXXXXXX	XXXXXXX
					<u> </u>	·	3 50/1 0/

If at any time the residual disinfectan: concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuan: 19 Rule 62-555,350(3), F.A.C.

Page 2

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chiorine, immediately increase the chiorine dose and/or flush appropriate portions of the distribution system until the residual disinfection: concentration is at least equivalent to 0.2 mg/L of free available chiorine and notify the Department or the appropriate ACPPU by wire or telephone within 24 nours pursuant to Rule 62-555,350(3), F.A.C.

Department of Environmental Protection

Abernaturalistics DEF form \$2-\$66.910(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

10	STRUCTIONS: See Page 5.					
1.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT	INFORMATION				
	Water System Information System Name: Florida Public Utilities Company System Owner Name: Florida Public Utilities Company Address: P.O. Box 418, 911 South 8th Street	PWS Identification No.: Telephone No.: 904/2				
	Cir: Fernandina Beach	State: FL Zip Code	32035			
	System Type: Exemmunity: O non-transient non-community: O non-com	munity; O consecutive				
	•No. of Service Connections at End of Reporting Month: 6070: •Tot	al Population Served at End of Reporting Mo	nth: 11.900			
	Water Treatment Plant Information Treatment Plant	•	٠			
	Name: Number 1 Water Works	Telephone No.: 904/	277-1971			
	Address: North 11th Street & Atlantic Avenue City: Fernandina Beach	State: FL Zip Code:	.32034			
		nt Category and Class per Rule 62-699.310(3	F.A.C.: C			
II.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MO	NTH/YEAR OF February 1998	: See Page			
Ш.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLY. EPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUEST	MER CONTAINING ACRYLAMIDE, POU RANT: Sec Page 4.	YMER CONTAININ			
۱۷.	STATEMENT BY LEAD/CHIEF WATER TREATMENT PLANT OPER	RATOR				
), the undersigned lead/chief operator of the water treatment plant listed in belief, the information provided in this report is true and accurate.	n Part 1 of this form, certify that, to the bes	t of my knowledge and			
	Also, I certify that the following additional operations records applicable to visited the plant during the reporting month indicated on this report and that site for not less than five years:					
	 records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source affluent pH and alkalinity in addition to chemical feed rates); 	water temperature, pH, turbidity, color, and a	alkalinity and process			
	 process performance records for sedimentation (e.g., process effluent process performance records for filtration (e.g., process effluent turbic run volumes, head losses, length of filter runs, frequency of backwash backwash rates); 	fity and color, number of filters in service, fil				
	 process performance records for lime-soda ash softening (e.g., source coagulation/flocculation, sedimentation, and filtration); 	water and process effluent hardness in addit	ion to records for			
	 process performance records for ion exchange softening (e.g., feed and bypass flows, blend rate, and salt and brine-used); 					
	 process performance records for reverse psmosis (e.g., feed, product, turbidity; product pH and conductivity; and brine pH and conductivity); 	• • • •	pH, conductivity, and			
	 process performance records for electrodialysis (e.g., polarity, feed temperature and total dissolved solids, product conductivity and total dissolved solids, dilute flow rate, brine make-up, pressures, and voltstamps). 					
	Signature and Date	Charles H. Shelton Name and Certificate Number (please type	2257			

Page 1

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE B-200
JACKSONVILLE, FLORIDA 32256-7577

Mouthly Operation Report	for Public Water	Systems that Use	Ground Water
and for Consecutive Pu	blic Water System	s that Treat Their	Water

			•
MIT TO LOUIS VOMINION	DEP	fe-m	62-655.910(3)
	•••		42-4333 10131

ystem	PYYS	Identification	Number:	2450364
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Trestment Plant Name: Number 1 Water Works

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF February 1998

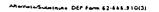
• Type of Residual Disinfectant Maintained in Distribution System Served by Plant: 💆 free chlorine; 🗆 combined chlorine (chloramine); 🗅 chlorine dioxide

	·		Lowest Residual	Residual Disintectant in Distribution System		Reported	
Day of the Month	Plant in .	Quantity of Finished Water Produced by Plant (gallons)	Disinlectant () Concentration at Entry to Distribution	Residual Disinfectant Concentration	Number of Instances Where Residual Disinfectant Measurements Taken		Emergency or Abnormal Operating Conditions
	ļ		System (mg/L)* :	A at Remote : Point (mg/L)*	:at Total Coliform Sampling Points	Sampling Points	Londitions
1	24	1,547,600	2.2				
2	24	1,547,600	2.2				
3	24	1,517,200	2.1				
4	24	1,536,100	2.2				
5	24	1,463,400	2.2		5	0.4	
6	24	1,540,700	2.2				
7	24	1,393,400	2.0				
. 8	24	1,563,150	2.2		·		
9	24 .	1,563,150	2.2 '				
10	24 .	1,562,100	2.2			L	
11	24	1,563,900	2.2				
12	24	1,582,300	2.2		5	0.4	
: 3	24	1,552,500	2.2			<u> </u>	<u> </u>
14	1 24 1	1,503,400	2.2		<u> </u>	1	
15	24	1,574,900	2.2		<u> </u>	l	
16	24	1,574,900	2.2				
17	24	1,373,800	2.2			1	
16	24	1,616,300	2.2				
19	24	1,459,300	2.3		6	0.4	
20	24	1,499,700	2.3				
21	24	1,504,333	2.1				
22	24	1,504,333	2.1				
23	24	1,504,334	2.1				
24	24	1,531,400	2.4				
25	24	1,500,300	2.3				
26	24	1,488,900	2.4				
27	24	1,645,000	2.2	-			
26	24	1,509,400	2.2				
29							
30							
31	1						
Total	XXXXXX	42,723,400	xxxxxxxxxxx	XXXXXXXXX	16	XXXXXXXXXX	XXXXXXX
Avç.	XXXXXX	1,525,836			XXXXXXXXXXXXX		
Mex.	XXXXXX	1,645,000	xxxxxxxxxx	XXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXX

If at any time the residual disinfectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department of the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555.350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555.350(3), F.A.C.

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Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN	ISTRUCTIONS: See Page 5.		
1.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT	INFORMATION	
	Water System Information System Name: Florida Public Utilities Company System Owner Name: Plorida Public Utilities Company	•	ation No.: <u>2450364</u> - <u>904/261-3663</u>
	Name: Florida Public Utilities Company Address: P.O. Box 418, 911 South 8th Street		
	City: Fernandina Beach System Type: @ community; O non-transient non-community; O non-com	State: FL	Zip Code: <u>32035</u>
	• No. of Service Connections at End of Reporting Month: 6070: • Tot		eporting Month: 11.900
	Water Treatment Plant Information • Treatment Plant Name: Florida Public Utilities Company - #2 War Address: 2203 Ryan Road	ater Works Telephone No.	:904/277-1972
	City: Fernandina Beach	State: FL	
	Permitted Maximum Day Capacity of Plant: 4.5 gpd; Plant Plant Operators: See Page 3.	nt Category and Class per Rule 6	2·699.310(3), F.A.C.:C
1.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MO	ONTHIYEAR OF Februar	y 1998 : See Page
П.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLY EPICHLORGHYDRIN, AND/OR IRON AND MANGANESE SEQUEST		MIDE, POLYMER CONTAININ
٧.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPE	RATOR	
	I, the undersigned lead/chief operator of the water treatment plant listed is belief, the information provided in this report is true and accurate.	in Part I of this form, certify that	, to the best of my knowledge and
	Also, I certify that the following additional operations records applicable to visited the plant during the reporting month indicated on this report and that site for not less than five years:	o this plant were prepared each o these records will be maintained	ay a certified operator staffed or available for review at the plant
	 records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source effluent pH and alkalinity in addition to chemical feed rates); 	water temperature, pH, turbidity,	color, and alkalinity and process
	 process performance records for sedimentation (e.g., process effluent process performance records for filtration (e.g., process effluent turbi run volumes, head losses, length of filter runs, frequency of backwass backwash rates); 	dity and color, number of filters i	n service, filtration rates, unit filte
	 process performance records for lime-soda ash softening (e.g., source coagulation/flocculation, sedimentation, and filtration); 	water and process effluent hards	ness in addition to records for
	 process performance records for ion exchange softening (e.g., feed an 	nd bypass flows, blend rate, and s	salt and brine used);
	 process performance records for reverse osmosis (e.g., feed, product, turbidity; product pH and conductivity; and brine pH and conductivity) 	and brine flows; feed pressure, t	emperature, pH, conductivity, and
	 process performance records for electrodialysis (e.g., polarity, feed ter dissolved solids, dilute flow rate, brine make-up, pressures, and volts.) 	mperature and total dissolved soli	ds, product conductivity and total
		Charles H. Shelton	2257
	Signature and Date	Name and Certificate Number	

Page 1

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE B-200
JACKSONVILLE, FLORIDA 32256-7577

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

Alleratorsubstitue	060	ferm	62-655.910(3)

System PWS Identification	Humber:	2450364	4
Treatment Plant Name:	Number	2 Water	Works

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF February 1998

▼Type of Residual Disinfectant Maintained in Distribution System Served by Plant: I free chlorine; combined chlorine (chlorarnine); chlorine dioxide

177.			Lowest Residual	Residual	Disinlectant in Distribu	tion System	Reported
Day of	Hours Plant in Operation	Quantity of Finished Water Produced by Plant	Disinfectant	Lowest: Residual Disinfectant Concentration at Remote Point (mg/L)*	Number of Instances Where Residual Disinfectant Measurements Taken 11 Total Cofform Sampling Points	Disinfectant Concentration at	Emergency or Abnormal Operating Conditions
1	24	1,169,800	2.0				<u> </u>
2	24	1,169,800	2.0				
3	24	905,600	2.0				
4,	24	937,000	2.1				
5	24	961,200	2.1		5	0.4	
6	24	1,066,700	2.0				
7	24	956,400	2.0		<u> </u>		
8	24	1,107,200	2.0	<u> </u>	<u> · </u>		
. 9	24	1.107.200	2.0	<u> </u>	<u></u>		
10	24	1,116,000	2.0	<u> </u>	<u> </u>		
11	24	1,174,300	2.1	<u> </u>			
12	24	1,222,600	1.9		5	0.4	<u> </u>
:3	24	1,439,900	2.0	<u> </u>	<u> </u>	1	<u> </u>
14	24	1,142,700	2.0	<u></u>	<u> </u>	1	
15	24	1,206,700	2.4		<u> </u>	<u></u>	
16	24 1	1,206,700	2.4				<u> </u>
17	24	743,900	2.0				
16	24	1,149,600	2.0			<u> </u>	
19	24	1,085,000	2.0		6	0.4	ļ
20	24	1,060,500	2.0			!	
21	24	1,096,800	2.0				
22	24	1,096,800	2.0				
23	24	1,096,800	2.0				
24	24	1,103,900	2.0				
25	24	1,088,400	2.0				
26	24	1,246,700	2.1				
27	24	1,095,100	2.1				
28	24	946,100	1.0				
29							
30	1						
31							
Total	XXXXXX	30,699,400	XXXXXXXXXXXX	XXXXXXXXX	16	XXXXXXXXXX	XXXXXXX
Avç.	XXXXXX	1,096,407	XXXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXX
Mex.	XXXXXX		XXXXXXXXXXXX	XXXXXXXXX	xxxxxxxxxxx	XXXXXXXXXX	XXXXXXX

If at any time the residual disinfectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555,350/31, F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chiorine, immediately increase the chlorine acide and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555.350(3), F.A.C.



Signature and Date

Department of Environmental Protection

Ahernete/Sussinus DEF Form 62-656.310(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN	ISTRUCTIONS: See Page 5.			
١.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION	ИС		
	Water System Information System Name: Florida Public Utilities Company System Owner Name: Florida Public Utilities Company	PWS Identific	-	2450364 261–3663
	Address: P.O. Box 418, 911 South 8th Street City: Fernandina Beach System Type: © community: D non-transient non-community: D non-community: D cons			
	No. of Service Connections at End of Reporting Month: 6070: Total Population S Water Treatment Plant Information	Served at End of Re	porting Mon	th: <u>11,900</u>
	Name: Number 1 Water Works Address: North 11th Street & Atlantic Avenue	Telephone No.:	904/2	77-1971
	City: Fernandina Beach • Permitted Maximum Day Capacity of Plant: 5.7 gpd; • Plant Category an • Plant Operators: See Page 3.	State: FL d Class per Rule 62	Zip Code: 2-699.310(3)	32034 F.A.C.: <u>C</u>
H.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR	OF March 19	98	: See Page
Ш.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTACTION EPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT: See		MIDE, POL	YMER CONTAINING
١٧.	STATEMENT BY LEAD/CHIEF WATER TREATMENT PLANT OPERATOR	•		
	l, the undersigned leadschief operator of the water treatment plant listed in Part I of this belief, the information provided in this report is true and accurate.	s form, certify that	, to the best	of my knowledge and
	Also, I certify that the following additional operations records applicable to this plant we visited the plant during the reporting month indicated on this report and that these records site for not less than five years:	• •	•	•
	 records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source water tempera effluent pH and alkalinity in addition to chemical feed rates); 			Ikalinity and process
	 process performance records for sedimentation (e.g., process effluent turbidity and process performance records for filtration (e.g., process effluent turbidity and color, run volumes, head losses, length of filter runs, frequency of backwash, amount of backwash rates); 	number of filters is	service, lil	-
	 process performance records for lime-soda ash softening (e.g., source water and process) coagulation/flocrulation, sedimentation, and filtration); 			
	 process performance records for ion exchange softening (e.g., feed and bypass flow process performance records for reverse osmosis (e.g., feed, product, and brine flow turbidity; product pH and conductivity; and brine pH and conductivity); and 			
	 process performance records for electrodialysis (e.g., polarity, feed temperature and dissolved solids, dilute flow rate, brine make-up, pressures, and volts/amps). 	total dissolved soli	ds, product (conductivity and total
	Charle	s H. Shelton		2257

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STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE B-200
JACKSONVILLE, FLORIDA 32256-7577

Name and Certificate Number (please type or print)

Mouthly	Operation	Report	for Publi	c Water :	Systems	that Use	Ground	Water
and fo	r Consecut	ive Publ	lic Water	Systems	that Tr	eat Their	Water	

MINMINISTRA	Offform	62-655.910(3)

System PWS Identification Number: 2450364

Treatment Plant Name: Number 1 Water Works

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF March 1998

• Type of Residual Disinfectant Maintained in Distribution System Served by Plant:
▼ free chlorine: □ combined chlorine (chloramine): □ chlorine dioxide

Day of Hours Day of Hours Produced by Produced by Produced by Produced by Hours Produced by Prod	, T\$T.4.			Lowest Residual	Residual	Disinfectant in Distribu	tion System	Reported
1	the	Plant in .	Water Produced by Plant	Disinfectant of Concentration et Entry to Distribution	Residual Disinfectant	Where Residual (Disinfectant Concentration at	Emergency or Abnormal Operating
2	٠.			System ungres	.vat Remote	et Total Coliform	Sampling Points	
3	1	24	1,540,450	2.2				
4 24 1,438,800 2.5	2	24	1,540,450	2.2				
5 24 1,587,700 2.4 5 0,4 6 24 1,571,700 2.1 7 24 1,404,100 2.0 8 24 1,340,300 2.3 9 24 1,340,300 2.3 10 24 1,567,900 2.1 11 24 1,644,200 2.4 6 0.5 112 24 1,588,100 2.3 12 24 1,588,100 2.3 13 24 1,598,100 2.3 14 24 1,625,400 2.0 15 24 1,705,100 2.2 15 24 1,670,600 2.4 16 24 1,705,100 2.2 17 24 1,637,500 2.2 18 24 1,546,300 2.2 20 24 1,546,300 2.2 21 24 1,683,650 2.2 22 24 1,683,650 2.2 23 24 1,683,650 2.2 24 24 1,675,100 2.2 25 24 1,683,650 2.2 26 24 2,144,700 1.6 27 24 1,668,900 2.2 29 24 1,668,900 2.2 29 24 1,668,900 2.2 20 24 1,668,900 2.2 21 24 1,668,900 2.2 22 24 1,668,900 2.2 23 24 1,668,900 2.2 24 1,668,900 2.2 25 24 1,668,900 2.2 26 27 24 1,668,900 2.2 27 24 1,668,900 2.2 28 24 1,668,900 2.2 29 24 1,668,900 2.2 20 24 1,668,900 2.2 21 24 1,668,900 2.2 22 25 24 1,668,900 2.2 23 24 1,668,900 2.2 25 24 1,668,900 2.2 26 27 24 1,668,900 2.2 27 24 1,668,900 2.2 28 24 1,668,900 2.2 29 24 1,668,900 2.2 20 24 1,669,000 2.2 21 24 1,669,000 2.2 22 25 24 1,669,000 2.2 23 24 1,668,900 2.2 25 24 1,669,000 2.2 26 27 24 1,668,900 2.2 27 24 1,668,900 2.2 28 24 1,669,000 2.2 29 24 1,669,000 2.2	3	24	1,665,100	2.2				
6 24 1,571,700 2.1	4	24	1,438,800	2.5				
7	5	24	1,587,700	2.4		5	0.4	
8 24 1,340,300 2.3	6	24	1,571,700	2.1				
9 24 1,340,300 2.3 1	7	24	1,404,100	2.0				
10	8	24				·		
11	9	24 .	1,340,300	2.3	1			
11	10	24	1,567,900	2.1				
13	11	24		2.4		6	0.5	
12	12	24	1,656,300	2.3				
14	13				1	1		
15	14				1	1	1	
16 24 1,705,100 2.2 <	15	24		2.2	1	1		
17 24 1,670,600 2,4 <	16	24 1			1	1		
18 24 1,637,500 2.2 19 24 1,600,000 2.2 20 24 1,546,300 2.2 21 24 1,582,000 2.2 22 24 1,683,650 2.2 23 24 1,683,650 2.2 24 24 1,675,200 2.2 25 24 1,675,100 2.2 26 24 2,144,700 1.6 27 24 1,681,400 2.5 28 24 1,740,800 2.2 29 24 1,668,900 2.2 30 24 1,669,000 2.2 31 24 1,728,700 2.2 7otal XXXXXX 50,318,500 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	17	24	1,670,600	2.4	<u> </u>			
19	18					[
20	19							
22 24 1,683,650 2.2 23 24 1,683,650 2.2 24 24 1,675,200 2.2 25 24 1,675,100 2.2 5 26 24 2,144,700 1.6 27 24 1,681,400 2.5 - 28 24 1,740,800 2.2 29 24 1,668,900 2.2 30 24 1,669,000 2.2 31 24 1,728,700 2.2 Total XXXXXX 50,318,500 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	20	24						
23	21	24	1,582,000	2.2	[
23	22	24	1,683,650	2.2				
24 24 1,675,200 2.2 <	23	24	1,683,650					
25	24	24		2.2				
26 24 2,144,700 1.6 27 24 1,681,400 2.5 - 28 24 1,740,800 2.2 - 29 24 1,668,900 2.2 - 30 24 1,669,000 2.2 - 31 24 1,728,700 2.2 - Total XXXXXX 50,318,500 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	25	24		2.2		5	0.4	
27	26							
28	27				-			
29	28							
30 24 1,669,000 2.2	29							
31 24 1,728,700 2.2	30							
Total XXXXXX 50,318,500 XXXXXXXXXXXX XXXXXXXXX 16 XXXXXXXXXX	31							
Avg. XXXXXX 1,623,177	Total				XXXXXXXXXX	16	xxxxxxxxx	xxxxxxx
1,025,177								
		XXXXXX	1,020,11					

If at any time the residual disinfectant concentration at the entry to the distribution system grops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-655, 350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555.350(3), F.A.C.



Signature and Date

Department of Environmental Protection

Ahernete/Scentrute DEP form 62-666.310(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN	NSTRUCTIONS: See Page 5.				
l.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMAT	TON			
	Water System Information System Name: Florida Public Utilities Company System Owner	PWS Identifica	tion No.: _	2450364	4
	Name: Florida Public Utilities Company	Telephone No.:	_904/2	61-3663	
	Address: P.O. Box 418, 911 South 8th Street City: Fernandina Beach	State: FL	Zip Code:	_32035	
	 System Type:		porting Mont	h:11	900
	Water Treatment Plant Information Treatment Plant	•			
	Name: Number 2 Water Works	Telephone No.:	904/27	7-1972	
	Address: 2203 Ryan Road City: Fernandina Beach	State: FL	Zio Code:	32034	
	Permitted Maximum Day Capacity of Plant: 4.5 gpd; Plant Category a Plant Operators: See Page 3.				С
i.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR	OF March 199	98	:	See Page
u.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTEPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT: Se		MIDE, POL'	YMER COI	ИІИІАТІ
٧.	. STATEMENT BY LEAD/CHIEF WATER TREATMENT PLANT OPERATOR	•			
	I, the undersigned lead/chief operator of the water treatment plant listed in Part I of the belief, the information provided in this report is true and accurate.	this form, certify that,	to the best	of my know	vledge and
	Also, I certify that the following additional operations records applicable to this plant wisited the plant during the reporting month indicated on this report and that these record site for not less than five years:	were prepared each do ds will be maintained	sy a certifier available for	J operator s	taffed or he plant
	 records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source water tempe effluent pH and alkalinity in addition to chemical feed rates); 	erature, pH, turbidity,	color, and a	lkalinity and	process
	 process performance records for sedimentation (e.g., process effluent turbidity and process performance records for filtration (e.g., process effluent turbidity and color run volumes, head losses, length of filter runs, frequency of backwash, amount of 	or, number of filters in	service, filt	ration rates, of backwash	,-unit fifte 1, and
	 backwash rates); process performance records for lime-soda ash softening (e.g., source water and p coagulation/flocculation, sedimentation, and filtration); 	process effluent hardn	ess in addīti	on to record	is for
	 process performance records for ion exchange softening (e.g., feed and bypass flo process performance records for reverse osmosis (e.g., feed, product, and brine flo 	ows, blend rate, and s ows; feed pressure, te	alt and brine mperature, p	used); oH · conducti	vity, and
	 turbidity; product pH and conductivity; and brine pH and conductivity); and process performance records for electrodialysis (e.g., polarity, feed temperature and dissolved solids, dilute flow rate, brine make-up, pressures, and volts/amps). 	nd total dissolved solic	is, product c	onductivity	and total
	· Char	les H. Sheltor	1	225	7.

Page 1

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE B-200
JACKSONVILLE, FLORIDA 32256-7577

Name and Certificate Number (please type or print)

Mouthly Operati	on Report fo	or Public We	iter Systems	that Use	Ground Water
and for Conse	cutive Publi	Water Sys	tems that Tre	at Their	Water

Allenate/Substitute	0 f r F +	62-655,910(3)

ystem	PY/S	Identification	Number:	2450364
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Treatment Plant Name: Number 2 Water Works

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF __March 1998

[•] Type of Residual Disinfectant Maintained in Distribution System Served by Plant: 🗷 free chlorine; 🗆 combined chlorine (chloramine);

1 2 3 4 5 6 7 8 9 9	24 24 24 24 24 24 24 24 24 24 24 24 24	Quantity of Finished Water Produced by Plant (gallons) 1,014,400 1,014,400 1,107,300 1,196,200 1,068,800 1,121,100 1,128,700 1,205,550 1,205,550 923,300	Lowest Residual Disinfectant vi Concentration et. Entry to Distribution System (mg/L)* 2.1 2.1 2.0 2.0 2.0 1.8 1.8 2.0 2.0	Lowest Residual Disinfectant Concentration at Remote Point (mg/L)*	Number of Instances Where Residual {	Lowest Residual Disinfactant © Concentration at Total Coliform Sampling Points (mg/L) 0.4	Reported JEmergency or Abnormal Operating Conditions
1 2 3 4 5 6 7 8	24 24 24 24 24 24 24 24 24 24	1,014,400 1,107,300 1,196,200 1,068,800 1,121,100 1,128,700 1,205,550 1,205,550	2.1 2.1 2.0 2.0 2.0 1.8 1.8	vat Remote :		ing/LI	
2 3 4 5 6 7 8 9	24 24 24 24 24 24 24 24 24 24	1,014,400 1,107,300 1,196,200 1,068,800 1,121,100 1,128,700 1,205,550 1,205,550	2.1 2.0 2.0 2.0 1.8 1.8 2.0		5	0.4	
3 4 5 6 7 8 9 9	24 24 24 24 24 24 24 24 24	1,107,300 1,196,200 1,068,800 1,121,100 1,128,700 1,205,550 1,205,550	2.0 2.0 2.0 1.8 1.8 2.0		5	0.4	
4 5 6 7 8 9 9	24 24 24 24 24 24 24 24	1,196,200 1,068,800 1,121,100 1,128,700 1,205,550 1,205,550	2.0 2.0 1.8 1.8 2.0		. 5	0.4	
5 6 7 8 9	24 24 24 24 24 24 24 24 24 24 24 24 24 24 24 24 24 2	1,068,800 1,121,100 1,128,700 1,205,550 1,205,550	2.0 1.8 1.8 2.0		5	0,4	
6 7 8 9 9	24 24 24 24 24 24 24 24 24 24 24 24 24 24 24 24 2	1,121,100 1,128,700 1,205,550 1,205,550	1.8 1.8 2.0		5	0.4	
7 8 9	24 24 24 ' 24 '	1,128,700 1,205,550 1,205,550	1.8				
8 9	24 ' 24 ' 24 '	1,205,550 1,205,550	2.0		<u> </u>	1 1	
9	24 '	1,205,550					
	24		2.0		·		
		923,300				<u></u>	
10	24	/ / /	2.0			<u> </u>	
11	24 1	951,600	2.1		6	0.5	
12	24	943,900	2.1			<u> </u>	
13	24	763,400	2.0			<u> </u>	
14	24	783,500	2.2			lI	
15	24 1	778,950	1.8			<u> </u>	
16	24 1	778,950	1.8		<u> </u>	.1	
17	24	767,800	2.1			j	·
16	24	794,200	2.0	l			
19	24	778,700	2.1				
	24	761,800	2.0				
21	24	809.500	2.0	l			
22	24	779,050	1.8		l		
23	24	779,050	1.8				
24	24	789,200	1.8				
25	24	1,228,300	1.8		5	0.4	
26	24	1,008,300	1.8_				
27	24	1,312,500	1.8				
28	24	1,085,200	2.3				
	24	1,103,650	2.0				
	24	1,103,650	2.0				
	24	978,400	1.7				
	xxxxx	30,064,900	XXXXXXXXXXX	XXXXXXXXXX	16	XXXXXXXXXX	XXXXXXX
	xxxxx	969.835	XXXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXX
	XXXXX				XXXXXXXXXXXX		

If at any time the residual disinfectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555,350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chiorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by with or telephone within 24 nours pursuant to Rule 62-555.350(3), F.A.C.

Ahernote/Sucestrue DEF Form 62-856.310(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN	STRUCTIONS: See Page 5.			
1.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION			
	Water System Information System Name: Florida Public Utilities Company System Owner Name: Florida Public Utilities Company	PWS Identifica		2450364 61-3663
	Address: P.O. Box 418, 911 South 8th Street			
	City: Fernandina Beach System Type: D community: O non-transient non-community: O non-community: O consecu	State: FL	Zip Code:	32035
	No. of Service Connections at End of Reporting Month: 6123: *Total Population Service No. of Service Connections at End of Reporting Month: 6123: *Total Population Service No. of Service Connections at End of Reporting Month: 6123: *Total Population Service No. of Service Connections at End of Reporting Month: 6123: *Total Population Service No. of Service Connections at End of Reporting Month: 6123: *Total Population Service No. of Service Connections at End of Reporting Month: 6123: *Total Population Service No. of Service Connections at End of Reporting Month: 6123: *Total Population Service No. of Service Connections at End of Reporting Month: 6123: *Total Population Service No. of Service Connections at End of Reporting Month: 6123: *Total Population Service No. of Service Connections at End of Reporting Month: 6123: *Total Population Service No. of Service Connections at End of Reporting Month: 6123: *Total Population Service No. of Service Connections at End of Reporting Month: 6123: *Total Population Service No. of Service Connections at End of Reporting Month: 6123: *Total Population Service No. of Service Connections at End of Reporting Month: 6123: *Total Population		orting Month	: 11,900
	Water Treatment Plant Information Treatment Plant Name: Number 1 Water Works	Telephone No.:	_ 904/2	77-1971
	Address: North 11th Street & Atlantic Avenue			
	City: Fernandina Beach ◆Permitted Maximum Day Capacity of Plant:	State: FL	Zip Code:	32034
	Plant Operators: See Page 3.	1922 bet unie 07.	.033.310(3),	F.A.C.: <u>C</u>
u.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF	April 199	8	: See Page 2
Ш.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAIN EPICHLORGHYDRIN, ANDIOR IRON AND MANGANESE SEQUESTRANT: See Pa		NIDE, POLY	MER CONTAINING
ŧ٧.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR	•		
	t, the undersigned lead/chief operator of the water treatment plant listed in Part t of this following, the information provided in this report is true and accurate.	orm, certify that,	to the best	of my knowledge and
	Also, I certify that the following additional operations records applicable to this plant were visited the plant during the reporting month indicated on this report and that these records wi site for not less than five years:			
	 records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source water temperature) effluent pH and alkalinity in addition to chemical feed rates; forcess performance records for sedimentation (e.g., process effluent turbidity and slud 			alinity and process
	 process performance records for filtration (e.g., process effluent turbidity and color, nursum volumes, head losses, length of filter runs, frequency of backwash, amount of backwash rates); 			
	 process performance records for lime-soda ash softening (e.g., source water and proces coagulation/flocculation, sedimentation, and filtration); 	s effluent hardne	ess in addition	n to records for
	 process performance records for ion exchange softening (e.g., feed and bypass flows, to process performance records for reverse osmosis (e.g., feed, product, and brine flows; turbidity; product pH and conductivity; and brine pH and conductivity); and 	feed pressure, ter	mperzture, pł	t, conductivity, and
	 process performance records for electrodialysis (e.g., polarity, feed temperature and tot dissolved solids, dilute flow rate, brine make-up, pressures, and volts/amps). 	al dissolved solid	s, product co	nductivity and total

Charles H. Shelton 2257

Name and Certificate Number (please type or print)

.

Signature and Date

Page 1

Mouthly	Operation	Report	for f	oildu	Water	Syster	ns tha	Use	Ground	Water
and fo	r Consecut	ive Pub	lic M	later !	System	s that	Trest	Their	Water	

NI+~IISMIIIM.	06.	form	67.655	.910131

System PY/S Identificatio	n Number:		24503	64	 	
reatment Plant Name:	Number	1	Water	Works		

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF __April 1998

■ Type of Residual Disinfectant Maintained in Distribution System Served by Plant:
■ free chlorine; □ combined chlorine (chloramine); □ chlorine dioxide

177					Disinfectant in Distribu	tion System	
Day of the Month	Plant in		Lowest Residual Disinfectant () Concentration at, Entry to Distribution System (mg/L)	Lowest: Residual	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Reported Emergency or Abnormal Operating Conditions
:				Point (mg/L)*	Sampling Points	Sampling Points	
1	24	2,004,100	2.0				
2	24	1,685,400	2.2				
3	24	2,049,400	2.0				
4	24	1,781,400	2,3				
5	24	1,815,350	1.8				
6	24	1,815,350	1.8				1
7	24	2,081,100	2.0			1	
8	24	1,984,800	2.2			}	
9	24 .	1,689,200	2.3	1	6	0.4	
10	24 .	1,910,100	2.0		i		
11	24	1,570,000	2.3			1	
12	24	1.884.800	2.2	1	1	1	
; 3	1 24 1	1,884,800	2.2	i	1		l
16	i 24 !	1,874,200	1.8		1		
15	24	1,909,400	2.5			1	
16	24	1,942,800	2.1		1 5	0.5	•
17	24	1,871,500	1.6		l		
18	24	1,796,100	2.5			1	
19	24 1	2,566,150	2.0				
20	24	2,566,150	2.0				
21	24	1,957,800	2.2				
22	24	1,943,700	2.2		5	0.4	
23	24	1,990,800	2.0				
24	24	1,459,000	1.8				
25	24	1,132,400	2.2				
26	24	2.703.550	1.0				
27	24	2,703,550	1.0	-			
28	24	1,820,500	2.2				
29	24	1,880,900	2.0				
30	24	1,620,500	2.5				
31							
Total	XXXXXX	57,894,800	XXXXXXXXXXXX	XXXXXXXXX	16	XXXXXXXXXX	XXXXXXXX
Avg.	XXXXXX	<u> </u>			XXXXXXXXXXXX		
	XXXXXX	2.703.550			XXXXXXXXXXXXXX		

If at any time the residual disinfectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and noutly the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555.350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chiorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire of telephone within 24 hours pursuant to Rule 62-555.350(3), F.A.C.

Aharneta/Sutatiques DEP form 62-656.910(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

INSTRUCTIONS: See Page 5.	
I. GENERAL WATER SYSTEM AND WATER TRE	ATMENT PLANT INFORMATION
Water System Information. System Name: Florida Public Utilit	1es Company PWS Identification No.: 2450364
• System Owner Name: Florida Public Utilities	
Address: P.O. Box 418, 911 South City: Fernandina Beach	State: FL Zip Code: 32035
System Type: S community: non-transient non-co	
	h: 6123: • Total Population Served at End of Reporting Month: 11,900
Water Treatment Plant Information	·
• Treatment Plant Name: Number 2 Water Works	Telephone No.: 904/277-1972
Address: 2203 Ryan Road	Telephotic 140. 304/277-1372
City: Fernandina Beach	State: FL Zip Code: 32034
Permitted Maximum Day Capacity of Plant: 4.5 Plant Operators: See Page 3.	
SUMMARY OF DAILY WATER TREATMENT DA	ATA FOR THE MONTH/YEAR OF <u>April 1998</u> : See Page :
I. SUMMARY OF USE, AT WATER TREATMENT EPICHLOROHYDRIN, AND/OR IRON AND MANI	PLANT, OF POLYMER CONTAINING ACRYLAMIDE, POLYMER CONTAINING GANESE SEQUESTRANT: See Page 4.
. STATEMENT BY LEAD/CHIEF WATER TREATM	IENT PLANT OPERATOR
L, the undersigned leadschief operator of the water tro- belief, the information provided in this report is true and	eatment plant listed in Part I of this form, certify that, to the best of my knowledge and accurate.
	records applicable to this plant were prepared each day a certified operator staffed or this report and that these records will be maintained available for review at the plant
• •	culation (e.g., source water temperature, pH, turbidity, color, and alkalinity and process
 process performance records for filtration (e.g., p 	teed rates; e.g., process effluent turbidity and sludge volume produced); process effluent turbidity and color, number of filters in service, filtration rates,-unit filter equency of backwash, amount of backwash water used, duration of backwash, and
	oftening (e.g., source water and process effluent hardness in addition to records for
• •	flening (e.g., feed and bypass flows, blend rate, and salt and brine used);
	(e.g., feed, product, and brine flows; feed pressure, temperature, pH, conductivity, and
	.g., polarity, feed temperature and total dissolved solids, product conductivity and total
	Charles H. Shelton 2257.
Signature and Date	Name and Certificate Number (please type or print)

Page 1

Mouthly	Operation	Report	for Pub	lic Water	Systems	that	Use	Ground	Water
and fo	r Consecut	ive Pub	lic Wat	er System	es that Te	eat T	heir	Water	

Allenia Substitute DEF For	n 62-655.910(3)

ystem	PWS	Identification	Number:	2450364
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Treatment Plant Name: Number 2 Water Works

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF __April 1998

• Type of Residual Disinfectant Maintained in Distribution System Served by Plant: 89 free chlorine; D combined chlorine (chloramine); D chlorine dioxide

1			Lowest Residual	Residual	Disintectant in Distribu	tion System	
Day of the Month	Plant in :	Ouantity of Finished Water Produced by Plant	Disinfectant	Residual	Where Residual Disinfectant Measurements Taken	Disinfectant Concentration at Total Coliform	or Abnormal
				Point (mg/L)	Sampling Points	.(mg/L)1	
1	24	1,116,300	2.0		<u> </u>		
	24	1,389,900	2.3	ļ		<u> </u>	<u> </u>
3	24	1,489,000	2.0	l		<u> </u>	
4	24	963,200	2.0	1	<u> </u>		<u> </u>
5	24	953,450	1.0		<u> </u>		
6	24	953,450	1.0		<u> </u>	<u> </u>	L
7	24	974,900	1.8	<u> </u>	<u> </u>		
8	24	1,272,100	1.8		1:		
9	24.	959,100	2.5		6	0.4	
10	24	1,083,900	2.3				
11_	<u> 24 j</u>	1,320,000	2.5	ſ		1	1
12	24	1,500,000	2.2			<u> </u>	1
:3	1 24 1	1,500,000	2.2	i	1	1	1
14	24	1,560,000	2.5				
15	1 24 !	2,343,100	2,5	<u> </u>	<u> </u>		1
16	1 24 1	3.624.100	1.5	1	1 5	0.5	l ·
17	24 1	3.786.000	1.5				l
18	24	2,522,000	2.5	l	l		
19	24	1,474,550	1.8				
20	24	1,474,550	1.8	1			
21	24	1,439,000	1.0				
22	24	1,395,200	2.0		5	0.4	
23	24	1,650,100	2.0				
24	24	1,511,800	1.8				
25	24	1,695,500	1.5				
26	24	1,556,550	1.5				
27	24	1,556,550	1.5				
28	24	1,658,700	1.5				
29	24	1,858,100	2.0				
30	24	1,698,500	2.0				
31	1						
iotal	XXXXXX	48,279,600	XXXXXXXXXXX	XXXXXXXXX	16	xxxxxxxxxx	XXXXXXXX
Avç.	XXXXXX	1,609,320			XXXXXXXXXXXXX		
Mex.	XXXXXX	3,786,000	XXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXX

If at any time the residual disintectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555,350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chloring and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555, 350(3), F.A.C.



AbernaturSummune DEP Form \$2-666.910(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN.	STRUCTIONS: See Page 5.
1.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION
	Water System Information - System Name: Florida Public Utilities Company PWS Identification No.: 2450364
	• System Owner Name: Florida Public Utilities Company Address: P.O. Box 418, 911 South 8th Street
	City: Fernandina Beach State: FL Zip Code: 32035
	System Type: D community: D non-transient non-community: D non-community: D consecutive No. of Service Connections at End of Reporting Month: 6175: *Total Population Served at End of Reporting Month: 11,900
	Water Treatment Plant Information Teatment Plant Name: Number 1 Water Works Address: North 11th Street & Atlantic Avenue City: Fernandina Beach Permitted Maximum Day Capacity of Plant: 5.7 gpd: Plant Category and Class per Rule 62-699.310(3), F.A.C.: C
11.	• Plant Operators: See Page 3.
	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAINING ACRYLAMIDE, POLYMER CONTAINING EPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEGUESTRANT: See Page 4.
ŧ٧.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR
	I, the undersigned lead/chief operator of the water treatment plant listed in Part I of this form, certify that, to the best of my knowledge and belief, the information provided in this report is true and accurate.
	Also, I certify that the following additional operations records applicable to this plant were prepared each day a certified operator staffed or visited the plant during the reporting month indicated on this report and that these records will be maintained available for review at the plant site for not less than five years:
	 records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source water temperature, pH, turbidity, color, and alkalinity and process effluent pH and alkalinity in addition to chemical feed rates);
	 process performance records for sedimentation (e.g., process effluent turbidity and studge volume produced); process performance records for filtration (e.g., process effluent turbidity and color, number of filters in service, filtration rates, unit filter run volumes, head losses, length of filter runs, frequency of backwash, amount of backwash water used, duration of backwash, and
	backwash rates); process performance records for lime-soda ash softening (e.g., source water and process effluent hardness in addition to records for coagulation/flocrulation, sedimentation, and filtration);
	 process performance records for ion exchange softening (e.g., feed and bypass flows, blend rate, and salt and brine used); process performance records for reverse osmosis (e.g., feed, product, and brine flows; feed pressure, temperature, pH, conductivity, and turbidity; product pH and conductivity; and brine pH and conductivity); and
	 process performance records for electrodialysis (e.g., palarity, feed temperature and total dissolved solids, product conductivity and total dissolved solids, dilute flow rate, brine make-up, pressures, and volts/amp\$).
	Charles H. Shelton 2257 . Signature and Date Name and Certificate Number (please type or print)

Page i

Mouthly Op	eration F	Report for	r Public	Water S	Systems	that Use	Ground	Water
and for C	onsecutiv	e Public	Water	Systems	that Tr	eat Their	Water	

WI=~10/500111000	Ofr	form	62-655.910(3)

System	PY/S	Identification	Number:	2450364
0 1 2 1 2 1 1 1		1001111110011011	********	2730307

Treatment Plant Name: Number 1 Water Works

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF May 1998

■ Type of Residual Disinfectant Maintained in Distribution System Served by Plant:

☐ free chlorine; ☐ combined chlorine (chloramine); ☐ chlorine dioxide

			Lowest Residual	Residual Disinlectant in Distribution System		Pageword	
Day of the	Plant in	Quantity of Finished Water Produced by Plant	Disinfectant	Lowest	Number of Instances	Lowest Residual Disinfectant Concentration at	or Abnormal
	·		System (mg/L)*	Concentration Mat Remote 13 Point (mg/L)1	Measuroments Taken at Total Coliform Sampling Points	Total Coliform Sampling Points (mg/L)	Conditions
1	24	1,749,000	2.0				
2	24	1,762,300	2.2				
3	24	2.588.800	0.5				
4	24	2,588,800	0.5				
5	24	2,271,400	1.1				
6	24	2,316,100	1.0				
7	24	2,366,200	2.0		5	0.4	
8	24	2,171,500	2,3		1.		
. 9	24	1,722,100	2.0	_			
10	24	1,731,800	1.0				
11	24	1,731,800	1.0		}	1	
12	24	2,502,000	1.5		<u> </u>	l	
:3	24	2,644,600	2.0				1
14	24	2,379,700	1.6		1	4.0	
15	24	2,529,700	1.4				· · · ·
16	24	1,911,200	1.4				
17	24	3,032,400	2.0				
18	24	3,032,400	2.0				
19	24	1,813,400	2.5				
20	24	2,280,100	2.2				
21	24	2,376,800	2.0				
22	24	2,923,500	2.0				
23	24	2,686,300	2.5				
24	24	2,465,800	2.1				
. 25	24	2.465.800	2.1				
26	24	2,465,900	2.1				
27	24	2,146,800	2.5				
28	24	731,900	2.2		6	0.5	
29	24	1,121,600	2.3				
30	24	1,303,200	2.3				
31 [24	1,690,450	2.5				
Total	XXXXXX	67,503,350	XXXXXXXXXXXX	XXXXXXXXXX	16	XXXXXXXXX	XXXXXXX
Avç.	XXXXXX	2,177,527	XXXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXX
Mex.	XXXXXX	3,032,400	XXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXX

If at any time the residual disinfectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at leest equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555,350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chiorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 nours pursuant to Rule 62-555.350(3), F.A.C.



Signature and Date

Department of Environmental Protection

Atomore/Succession DEF form 62-656.310(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN	INSTRUCTIONS: See Page 5.			
1.	1. GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION			
	Water System information System Name: Florida Public Utilities Company System Owner	PWS Identifica	ition No.: _	2450364
	Name: Florida Public Utilities Company Address: P.O. Box 418, 911 South 8th Street	Telephone No.:		
	City: Fernandina Beach System Type: © community: O non-transient non-community: O non-community: O consecutions at End of Reporting Month: 6175: Total Population Serve			
	Water Treatment Plant Information Treatment Plant Name: Number 2 Water Works Address: 2203 Ryan Road City: Fernandina Beach Permitted Maximum Day Capacity of Plant: 4.5 gpd; Plant Category and Ct Plant Operators: See Page 3.	Telephone No.: State: <u>FL</u> ass per Rule 62	Zip Code:	32034
II.	II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF	May 199	8	See Page :
III.	III. SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAINI EPICHLORGHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT: 500 Pag		AIDE, POL	YMER CONTAINING
ı٧.	V. STATEMENT BY LEAD/CHIEF WATER TREATMENT PLANT OPERATOR	•		
	l, the undersigned lead/chief operator of the water treatment plant listed in Part I of this for belief, the information provided in this report is true and accurate.	rm, certify that,	to the best	of my knowledge and
	Also, I certify that the following additional operations records applicable to this plant were p wisited the plant during the reporting month indicated on this report and that these records will site for not less than five years:	orepared each do I be maintained	ay a certifie available for	d operator statied or review at the plant
	 records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source water temperature effluent pH and alkalinity in addition to chemical feed rates); process performance records for sedimentation (e.g., process effluent turbidity and sludy process performance records for filtration (e.g., process effluent turbidity and color, numerous volumes, head losses, length of filter runs, frequency of backwash, amount of backwash rates); 	ge volume produ nber of filters in wash water use	ced); service, fill d, duration	ration rates,—unit filter of backwash, and
	 process performance records for lime-soda ash softening (e.g., source water and process coagulation/(loccutation, sedimentation, and filtration); process performance records for ion exchange softening (e.g., feed and bypass flows, bit process performance records for reverse osmosis (e.g., feed, product, and brine flows; for turbidity; product pH and conductivity; and brine pH and conductivity); and process performance records for electrodialysis (e.g., polarity, feed temperature and total dissolved solids, dilute flow rate, brine make-up, pressures, and volts/amps/. 	lend rate, and s eed pressure, te	alt and brine mperature, s	: used); pH, conductivity, and
		i. Shelton		2257 .

Page 1

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE 8-200
JACKSONVILLE, FLORIDA 32256-7577

Name and Certificate Humber (please type or print)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

			•
MINIONSWALLING	DEr	form	67-655,910(3)

System PY/S Identification	Number:	24	450364		
Treatment Plant Name:	Number	2	Water	Works	

• Type of Residual Disinfectant Maintained in Distribution System Served by Plant:

(ree chlorine;

combined chlorine (chloramine);

chlorine dioxide

		44.7 4.5			Disinfectant in Distribu	tion System	
					Number of Instances	Lowest Residual	Reported
Day o	Hours	Quantity of Finished Water Produced by Plant	Disinfectant w	Lowest	115.00	·Disinfectant	1 contendency
	Operation		Entry to Distribution	1 :	Disinfectant		or Abnormal Operating
1	1		System (mg/L)	Concentration	Measuroments Taken		Conditions
	1.			at Remote :			1
 	1 2/	1 ((0 000	<u> </u>	Point (mg/L)	Sampling Points	(mg/L)1	ļ
2	24	1,668,800	2.0			ļ	<u> </u>
3	24	1.504.100	2.0	ļ		ļ	ļ
	24	1,643,800	1.6	ļ	ļ		ļ
4	24	1,643,800	1.6	 			
5	24	1,596,300	1.0	<u> </u>			
6	1 24	1,650,900	1.0	<u> </u>		ļ	
7	24	1,606,100	1.4	<u> </u>	5	0.4	<u> </u>
8	24	2,027,520	1.4		<u>'</u>		
9	24	2,027,520	2.0	1			
10	24	2.154.240	1.0			[
1.1	24	2,154,240	1.0	Ì		1	
12	24	2,280,960	1.0	1		l	
13	24	2,534,400	2.0	i		1	1
14	24	2,154,240	2.1	1	5	4.0	
15	24	2.280.960	1.0	1		1	l
16	24 1	2,154,240	1.0	1		i	
17	24	2,407,680	2.5	1		1	
18	24	2,407,680	2.5	1		i	
19	24	2,154,240	2.0	i		!	
20	24	2,407,680	2.0	 			
21	24	2,787,840	2.5	İ			
22	24	2,787,840	1.6	i		<u> </u>	
23	24	2,914,560	2.0	i			
24	24	3,168,000	2,5				•
25	24	3,168,000	2.5				
26	24	3,168,000	2.5				
27	24	3,421,440	2.0				
28	24	2,661,120	2.5		6	0.5	
29	24	3,041,280	2.2		<u> </u>	ر.ن	
30	24	3,168,000	2.0				
31	24	3,168,000	1.6				
	XXXXXX		XXXXXXXXXXXX	VVVVVVVVV		VVVVVVVVVV	00000000
Avg. 1	XXXXXX					XXXXXXXXXX	
	XXXXXX				XXXXXXXXXXXXXX		I
		3,421,440			xxxxxxxxxxxx		

If at any time the residual disinfectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555,350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chiorine, immediately increase the chlorine dost and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by where of telephone within 24 hours pursuant to Rule 62-555,350(3), F.A.C.

Abarnata/Successiones DEP Form 62-666.310(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

١N	STRUCTIONS: See Page 5.	
1.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT	INFORMATION
	Water System Information. System Name: Florida Public Utilities Company System Owner	PWS Identification No.: 2450364
	Name: Florida Public Utilities Company	Telephone No.: 904/261-3663
	Address: P.O. Box 418, 911 South 8th Street City: Fernandina Beach	State: FL Zip Code: 32035
	System Type:	munity; D consecutive
	• No. of Service Connections at End of Reporting Month: 6205 : • To	tal Population Served at End of Reporting Month: 11,900
	Water Treatment Plant Information	
	Name: Number 1 Water Works	Talankara No 00//027 1071
	Name: Number 1 Water Works Address: North 11th Street & Atlantic Avenue	Telephone No.: 904/277-1971
	City: Fernandina Beach	State: FL Zip Code: 32034
	Permitted Maximum Day Capacity of Plant: 5-7 gpd; Plant Operators: See Page 3.	nt Category and Class per Rule 62-699.310(3), F.A.C.: C
II.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE M	ONTH/YEAR OF June 1998 : See Page :
Ш.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLY EPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUES	
۱۷.	STATEMENT BY LEAD/CHIEF WATER TREATMENT PLANT OPE	RATOR
	l, the undersigned lead/chief operator of the water treatment plant listed belief, the information provided in this report is true and accurate.	in Part I of this form, certify that, to the best of my knowledge and
	Also, I certify that the following additional operations records applicable visited the plant during the reporting month indicated on this report and tha site for not less than five years:	·
	 records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source 	water temperature off turbidity color and alkalinity and process
	effluent pH and alkalinity in addition to chemical feed rates);	Trace temperature, pri, tarasari, color, and annuming and process
	process performance records for sedimentation (e.g., process effluent	· · · · · · · · · · · · · · · · · · ·
	 process performance records for filtration (e.g., process effluent turb run volumes, head losses, length of filter runs, frequency of backwas backwash rates); 	idity and color, number of filters in service, filtration rates,-unit filter th, amount of backwash water used, duration of backwash, and
	 process performance records for lime-soda ash softening (e.g., source coagulation/flocrulation, sedimentation, and filtration); 	water and process effluent hardness in addition to records for
	• process performance records for ion exchange softening (e.g., feed a	nd bypass flows, blend rate, and salt and brine used);
	 process performance records for reverse asmosis (e.g., feed, product, turbidity; product pH and conductivity; and brine pH and conductivity 	
	 process performance records for electrodialysis (e.g., polarity, feed to dissolved solids, dilute flow rate, brine make-up, pressures, and volts 	mperature and total dissolved solids, product conductivity and total
		Charles H. Shelton 2257 .
	Signature and Date	Name and Certificate Number (please type or print)

Page 1

Mouthly Operation Rep	port for Public Wa	ier Systems that Us	e Ground Water
and for Consecutive	Public Water Syst	ems that Treat The	ir Water

		•
としているいろいろころい	Dfr 1 ~~	67-655.910(3)

System PWS Identification Number: 2450364
Treatment Plant Harre: Number 1 Water Works

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF ___ June 1998

• Type of Residual Disinfectant Maintained in Distribution System Served by Plant: 🗷 free chlorine; 🔾 combined chlorine (chloramine);

Day of the the thin				1. (A) (A) (A)	Residual Disinfectant in Di		tion System		
The Plant in Water Produced by Plant Concentration at Concentration at Concentration at Concentration at Concentration at Concentration at Concentration at Concentration at Concentration at Concentration at Concentration at Concentration	000.01	House	Outpating of Finished	Lowest Residual				Reported	
Adoption Operation Concentration System (mg/J) Concentration System (mg/J) Concentration Conce		1 .	(5.7%			Disinfectant		
1 24		Operation	1						
1	′	i .		System (mg/L)* ;				Conditions	
2	* .	ĺ	,		.,				
3	1	24	1,690,450						
1	2	24	1,987,900	2.2					
S	3	24	2,408,600	2.0					
6 24 2,215,600 2.0	4	24	2,407,800	2.0		5	0.4		
7 24 2,266,900 2.3	5	24	2,429,400	2.2					
S	6	24	2,215,600	2.0					
B	7	24		2.3	[
S	8			2.3		•		i	
10	9	24 .		2.2	1			l	
11	10	24 .		2.0			1		
12	11	24		2.1	1	6	0.5		
13	12	24		2.0	1				
1.	13	24		2.5	l	(1	i	
15	14.				Ī		1		
17	15	24	2,414,100	2.5					
16 24 2,653,400 2.0 5 0.5 19 24 2,646,200 2.0 20 24 2,118,500 2.4 21 24 2,118,700 2.4 23 24 1,847,500 2.5 24 24 1,800,900 2.5 25 24 2,059,300 2.0 26 24 1,684,700 2.5 27 24 1,745,500 2.5 28 24 2,166,500 2.2 30 24 1,961,300 2.4 31 7ctst XXXXXX 2,228,192 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	16	24	2,472,500	2.0	1	1	1		
16 24 2,653,400 2.0 5 0.5 19 24 2,646,200 2.0 20 24 2,118,500 2.4 21 24 2,118,700 2.4 23 24 1,847,500 2.5 24 24 1,800,900 2.5 25 24 2,059,300 2.0 26 24 1,684,700 2.5 27 24 1,745,500 2.5 28 24 2,166,500 2.2 30 24 1,961,300 2.4 31 7ctst XXXXXX 2,228,192 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	17	24	2,602,700	2.0					
19	18	24		2.0		5	0.5		
21	19					}			
21	20	24	2,118,500	2.4					
22	21	24		2.4		1	1		
23	22	24		2.4					
25	23	24		2.5					
25	24	24	1,800,900	2.5					
26	25	24							
28	26	24		2.5					
29 24 2,166,500 2.2	27	24		2.5					
29 24 2,166,500 2.2	28	24	2,166,500	2.2					
30 24 1,961,300 2.4	29			2.2					
Total XXXXXX 66,845,750 XXXXXXXXXXXX XXXXXXXXX 16 XXXXXXXXX XXXXXXXX	30	24		2.4					
Avg. XXXXXX 2,228,192 XXXXXXXXXXX XXXXXXXXX XXXXXXXXX XXXXXX	31								
Avg XXXXXX 2,228,192 XXXXXXXXXXX XXXXXXXXX XXXXXXXXX XXXXXX	Total	xxxxxx	66,845,750	XXXXXXXXXXXX	XXXXXXXXX	16	xxxxxxxxxx	XXXXXXXX	
	Avç.	XXXXXX		XXXXXXXXXXXXX	XXXXXXXXX		XXXXXXXXXX	XXXXXXXX	
	xshi	XXXXXX		XXXXXXXXXXXX	XXXXXXXXX	xxxxxxxxxxxxx,	XXXXXXXXXX	XXXXXXXX	

If at any time the residual disintectan; concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555,350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chickine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Bule 62-555.350(3), F.A.C.

2257



Sionature and Date

Department of Environmental Protection

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

INSTRUCTIONS: See Page 5. I. GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION Water System Information System Name: Florida Public Utilities Company PWS Identification No.: 2450364 · System Owner Name: Florida Public Utilities Company Telephone No.: 904/261-3663 Address: P.O. Box 418, 911 South 8th Street Fernandina Beach State: FL Zio Code: • System Type:

□ community; □ non-transient non-community; □ non-community; □ consecutive • No. of Service Connections at End of Reporting Month; 6205; • Total Population Served at End of Reporting Month; 11,900 Water Treatment Plant Information · Treatment Plant Telephone No.: 904/277-1972 Name: Number 2 Water Works Address: 2203 Ryan Road City: Fernandina Beach State: FL Zip Code: · Permitted Maximum Day Capacity of Plant: gpd; Plant Category and Class per Rule 62-699.310(3), F.A.C.: · Plant Operators: See Page 3. II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF June 1998 III. SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAINING ACRYLAMIDE, POLYMER CONTAINING EPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT: Sec Page 4. IV. STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR I, the undersigned lead/chief operator of the water treatment plant fisted in Part I of this form, certify that, to the best of my knowledge and belief, the information provided in this report is true and accurate. Also, I certify that the following additional operations records applicable to this plant were prepared each day a certified operator staffed or visited the plant during the reporting month indicated on this report and that these records will be maintained available for review at the plant site for not less than five years: records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source water temperature, pH, turbidity, color, and alkalinity and process effluent pH and alkalinity in addition to chemical feed rates); process performance records for sedimentation (e.g., process effluent turbidity and sludge volume produced); process performance records for filtration (e.g., process effluent turbidity and color, number of filters in service, filtration rates, unit filter run volumes, head losses, length of filter runs, frequency of backwash, amount of backwash water used, duration of backwash, and process performance records for lime-soda ash softening le.g., source water and process effluent hardness in addition to records for coagulation/flocrulation, sedimentation, and filtration); process performance records for ion exchange softening (e.g., feed and bypass flows, blend rate, and salt and brine used); process performance records for reverse osmosis le.g., feed, product, and brine flows; feed pressure, temperature, pH, conductivity, and turbidity; product pH and conductivity; and brine pH and conductivity); and process performance records for electrodialysis (e.g., polarity, feed temperature and total dissolved solids, product conductivity and total dissolved solids, dilute flow rate, brine make-up, pressures, and volts/amps).

Page 1

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
HORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE B-200
JACKSONVILLE, FLORIDA 32256-7577

Charles H. Shelton

Name and Certificate Number Iplease type or print)

Mouthly Operation Report for Public Water Systems th	nat Use Ground Water
and for Consecutive Public Water Systems that Trea	t Their Water

		•
Allerators unamore	DEFF	10101 6, 253.53

System PYV	S Identification	Number: _	245036	4	
ireatment f			2 Water	Works	

• Type of Residual Disinfectant Maintained in Distribution System Served by Plant: R free chlorine; O combined chlorine (chloramine); O chlorine dioxide

			Lowest Residual	Residual I	Disinfectant in Distribut	ion System	Reported
Day of the	Plant in	Quantity of Finished Water Produced by Plant	Disinfectant Concentration: et	Residual	Where Residual	Disinfectant	Emergency or Abnormal
1 :	Operation	1	Entry to Distribution	Disinfectant	Disinfectant	Concentration at	Operating
1	i		System (mg/L)* :	Concentration	Measuroments Taken	Total Coliform	Conditions
				Point (mg/L)	:at Total Coliform	Sampling Points	
	24	3,168,000	1.6	TOWN THURSTER	. Sumpling Counts	amure/	
2	24	3,041,280	1.8				
3	24	3,421,440	2.0				
4	24	3,294,720	1.9		5	0.4	
5	24	3,294,720	1.9				
6	24	3,294,720	2.3				
7	24	3,231,360	2.0				
8	24	3,231,360	2.0		·		
9	24 '	3,294,720	2.2				
10	24	3,294,720	1.8				
11	24	3,200,100	2.2		6	0.5	
12	24	3,801,600	2.5				
13	24	3,429,500	2.5			1	
14	i 24	3,429,500	2.5				i i
15	1 24	3,429,600	2.5				
16	24	4,688,640	2.5				
17	24	3,445,700	2.5				
18	24	3,513,800	2.5		5	0.5	
19	24	3,465,100	2.5				
20	24	2,872,320	2.0				
21	24	2,872,320	2.0				
22	24	2,872,320	2.0				
23	24	2,027,520	2.5				
24	24	2,914,560	2.5				
25	24	2,154,240	2.0				
26	24	4,181,760	2.0_				
27	24	4,181,760	2.2				
28	24	2,661,120	0.7				
29	24	2,661,120	0.7				
30	24	3,421,440	1.5				
31							
	XXXXXX	97,791,060	XXXXXXXXXXX		16	XXXXXXXXXX	
 -	XXXXXX	3,23,,02			XXXXXXXXXXXXX		
.xsM	XXXXXX	4,688,640	xxxxxxxxxxx	XXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXX	

If at any time the residual disinfectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department of the appropriate ACPHU by wire or telephone within 24 hours pursuant to 8.0 for 62-555,350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mo/L of free available. Chlorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant. Concentration is at least equivalent to 0.2 mo/L of free available chlorine and notify the Department or the appropriate ACTAU by with or telephone system 74 notify pursuant to fluir 62.555,350(3), f.A.C.

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN	STRUCTIONS: See Page 5.	
1.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT I	VFORMATION
	Water System Information System Name: Florida Public Utilities Company System Owner	PWS Identification No.: 2450364
	Name: Florida Public Utilities Company Address: P.O. Box 418, 911 South 8th Street	Telephone No.: 904/261-3663
	City: Fernandina Beach	State: FL Zip Code: 32035
	 System Type: Secommunity: non-transient non-community: non-comment No. of Service Connections at End of Reporting Month: 6205; 	unity; O consecutive
	Water Treatment Plant Information Treatment Plant Name: Number 1 Water Works Address: North 11th Street & Atlantic Avenue	Telephone No.: 904/277-1971
	City: Fernandina Beach	State: FL Zip Code: 32034
		Category and Class per Rule 62-699.310(3), F.A.C.: C
ii.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MO	VTHMYEAR OF <u>July 1998</u> : See Page :
111.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMEPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTS	·
١٧.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPER	ATOR
	i, the undersigned lead/chief operator of the water treatment plant listed in belief, the information provided in this report is true and accurate.	Part I of this form, certify that, to the best of my knowledge and
	Also, I certify that the following additional operations records applicable to visited the plant during the reporting month indicated on this report and that site for not less than five years:	this plant were prepared each day a certified operator staffed or hese records will be maintained available for review at the plant
	 records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source veffluent pH and alkalinity in addition to chemical feed rates); 	vater temperature, pH, turbidity, color, and alkalinity and process
	 process performance records for sedimentation [e.g., process effluent to process performance records for filtration [e.g., process effluent turbid run volumes, head losses, length of filter runs, frequency of backwash rates); 	ty and color, number of filters in service, filtration rates, unit filter
	 process performance records for lime-soda ash softening (e.g., source to coagulation/flocculation, sedimentation, and filtration); 	vater and process effluent hardness in addition to records for
	 process performance records for ion exchange softening (e.g., feed and process performance records for reverse osmosis (e.g., feed, product, a turbidity; product pH and conductivity); 	nd brine flows; feed pressure, temperature, pH, conductivity, and
	 process performance records for electrodialysis (e.g., polarity, feed tem dissolved solids, dilute flow rate, brine make-up, pressures, and voltsfar 	perature and total dissolved solids, product conductivity and total
	Signature and Date	Charles H. Shelton 2257 . Name and Certificate Number (please type or print)

Page 1

Mouthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

All what ers was titled	06+	form	67-655.910131	

System	PYYS	lde	ntification	Number:	- 3	2450364	4	
ireatme	nt fil	ant	Name:	Number	1	Water	Works	

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF _____July 1998

[•] Type of Residual Disinfectant Maintained in Distribution System Served by Plant: So free chlorine; Combined chlorine (chloramine);

1775		Ter year of		Residual	Disinlectant in Distribut	ion System	
		1000 mg/mg/	Lowest Residual	# (4) train 51		Lowest Residual	Reported
Day of	Hours		Disinfectant	Residual .	Where Residual 4.	Disinfectant	Emergency
the Month	Operation	Water Produced by Plant	Concentration at	Disinfectant	Disinfectant	7	or Abnormal Operating
Jen .	Cpermion		System (mg/L)	Concentration		.Total Coliform .	Conditions
* 'D.				,∿at Remote : \$		Sampling Points	
				Point (mg/L)1	Sampling Points	, 'U\gml. '	1 4 4 h
	24	2,448,600	2.0				
2	24	2,423,500	2.5				
3	24	1,851,850	2.4				
4	24	1,815,850	2.4				
5	24	1.345.200	2.0				
6	24	1,376,300	2.5				
7	24	1,476,800	2.5		<u> </u>		
8	24	1,599,900	2.5				
. 9	24	1,994,700	2.5		6	0.4	
10	24	1,605,120	2.5				
11	24	1,594,560	2.5				•
12	24	1,594,560	2.5				
13	24	1,594,560	2.5	i		1	
14	24	1,260,000	2,1		l		
15	24	739,200	2.4				
16	24 1	1,066,560	2.2		5	0.5	
17	24	570,240	2.2				
18	24	644,140	2.5				
19	24	1.562,880	2.5				
20	24	1,562,880	2.5				
21	24	1,805,760	2.5				
22	24	2,048,640	2.5				
23	24	1,848,000	2.0		5	0.4	_
24	24	2,133,120	2.5				
25	24	2,175,360	2.5				
26	24	1,995,840	2.5				
27	24	1,995,840	2.5	-			
28	24	2,090,880	2.5				
29	24	1,932,480	2.5				
30	24	2,386,560	2.5				
31	24	2,196,480	2.6			,	
Total	XXXXXX	52,772,380	XXXXXXXXXXX	XXXXXXXXXX	16	xxxxxxxxx	XXXXXXX
Avc.	XXXXXX	1,702,335			XXXXXXXXXXXXX		
	XXXXXX				xxxxxxxxxxxxxx		
		(esigual gisinieciani conce					

If at any time the residual disinfectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chirrine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and noutly the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555, 350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine gose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACP/30 by wire or telephone within 24 nours pursuant to Rule 62-555-350(3), f.A.C.



Signature and Date

Department of Environmental Protection

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN	STRUCTIONS: See Page 5.			
1.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION			
	Water System Information System Name: Florida Public Utilities Company System Quner Name: Florida Public Utilities Company	PWS Identifica		2450364 51-3663
	Address: P.O. Box 418, 911 South 8th Street City: Fernandina Beach	State: FL	Zip Code:	32034
	System Type: □ community: □ non-transient non-community: □ non-community: □ consecutive. No. of Service Connections at End of Reporting Month: 6205: • Total Population Service.	ntive	ortino Mont	
	Water Treatment Plant Information Treatment Plant Name: Number 2 Water Works Address: 2203 Ryan Road	Telephone No.:		
	City: Fernandina Beach	State: FL	Zip Code:	32034
	Permitted Maximum Day Capacity of Plant: 4.5 gpd; Plant Category and C Plant Operators: See Page 3.	lass per Rule 62-	699.310(3),	F.A.C.: <u>C</u>
11.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF	July 19	98	: See Page
Ш.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAIN EPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT: See Pa		IIDE, POLY	MER CONTAINING
IV.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR			
	t, the undersigned lead/chief operator of the water treatment plant listed in Part I of this following the information provided in this report is true and accurate.	orm, certify that,	to the best	of my knowledge and
	Also, I certify that the following additional operations records applicable to this plant were visited the plant during the reporting month indicated on this report and that these records will site for not less than five years:	prepared each da Il be maintained a	y a certified tvailable for	operator staffed or review at the plant
	 records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source water temperature effluent pH and alkalinity in addition to chemical feed rates); process performance records for sedimentation (e.g., process effluent turbidity and plud process performance records for filtration (e.g., process effluent turbidity and color, nursun volumes, head losses, length of filter runs, frequency of backwash, amount of backwash, arount of backwash. 	ge volume produc mber of filters in	ced); service, filt	ration rates,—unit filter
	 backwash rates); process performance records for lime-soda ash softening (e.g., source water and process coagulation/flocrulation, sedimentation, and filtration); process performance records for ion exchange softening (e.g., feed and bypass flows, by process performance records for reverse osmosis (e.g., feed, product, and brine flows; turbidity; product pH and conductivity; and brine pH and conductivity); and process performance records for electrodialysis (e.g., polarity, feed temperature and tot dissolved solids, dilute flow rate, brine make-up, pressures, and volts/amps). 	olend rate, and sa feed pressure, ter	ilt and brine Tiperature, p	used); H, conductivity, and

Charles H. Shelton 2257
Name and Certificate Number (please type or print)

Page 1

Monthly Operation	Report for Publ	lic Water Systems	that Use	Ground Water
and for Consecut	ive Public Wate	r Systems that Ti	cat Their	Water

All-Alessonius	DEFFOR	62-655.910(3)

System PWS Identification Number: 2450364

Iteratorial Plant Hane: Number 2 Water Works

• Type of Residual Disinfectage Maintained in Distribution System Served by Plant: 8 free chlorine; O combined chlorine (chloramine); O chlorine dioxide

Th.		្រាស់ ខ្លួន និង ស្រីស្វាស្វាស់ ស្វាស់ Lowest Residual	Residual	Disintectant in Distribut	ion System	Reported	
0.00	Hours	Quantity of Finished	Disinfectant	Soultowestan (Number of Instances	Lowest Residual	Emergency
the		Water Produced by Plant		Residual		Disinfectant	or Abnormal
Month	Operation	(anolleg)	Entry to Distribution	Disinfectant	Disinfectant :		Operating
4	ł i		System (mg/L)	Concentration	Measurements Taken		Conditions
]			Point (mg/L)	Sampling Points	(mg/L)'	
1	24	3,294,720	2.2				
2	_24	3,294,720	3.0				
3	24	3,294,720	2.0			<u> </u>	
4	24	3,294,720	2.0	l			Ĺ
5	24	3,548,160	1.8				
6	24	2,534,400	3.5				
7	24	3,041,280	1.8				
8	24	3,421,440	2.5		•		
9	24	3,041,280	2.5		6	0.4	
10	24	2,661,120	2.4				
11	24	2,323,200	2.5	·		1	
12	24	2,323,200	2.5			<u> </u>	
; 2	24	2,323,200	2.5	l	l		(<u> </u>
14	24	4,308,480	1.8		<u> </u>		
15	24	2.661.120	1.8		l		
16	24	2,280,960	0.8	l	1 5	0.5	
17	24	2,661,120	1.1				
16	24	2,280,960	1.0				
19	24	2,787,840	0.6				
20	24.	2,787,840	0.6				
21	24	2,407,680	1.0		Í		
22	24	2,661,120	0.3				
23	24	2.787.840	1.0		5	0.4	
24	24	2,534,400	1.0				
2,5	24	2,787,840	0.7				
26	24	2,407,680	1.2				
27	24	2,407,680	1.2	-			
28	24	1,774,080	1.2				
29	24	1,774,080	1.2				
30	24	1,774,080	0.3				
31	24	2,154,240	1.2				
Total	XXXXXX	83,635,200	XXXXXXXXXXX	XXXXXXXXX	16	xxxxxxxxx	xxxxxxx
Avç.	XXXXXX	2,697,910	XXXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXX
I .xsM	XXXXXX	4,308,480	XXXXXXXXXXX	XXXXXXXXX	xxxxxxxxxxxxx	XXXXXXXXXX	XXXXXXX

If at any time the residual disintectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555,350/31, F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wife or teleshone within 24 neural pursuant to 8/2/5055.390131, 7/4/0.



Signature and Date

Department of Environmental Protection

Monthly Operation Report for Public Water Systems that Use Ground Water

and for Consecutive Public Water Systems that Treat Their Water INSTRUCTIONS: See Page 5.

١.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION					
	Water System Information System Name: Florida Public Utilities Company System Owner Name: Florida Public Utilities Company Address: P.O. Box 418, 911 South 8th Street City: Fernandina Beach System Type: Community: O non-transient non-community; O consecu	PWS Identifica Telephone No.: State: FL	904/2	2450364 61~3663 32035		
	• No. of Service Connections at End of Reporting Month: 6321: • Total Population Serv		orting Montl	h: <u>11,900</u>		
	Water Treatment Plant Information • Treatment Plant Name: Number 1 Water Works Address: North 11th Street & Atlantic Avenue City: Fernandina Beach • Permitted Maximum Day Capacity of Plant: 5,7 gpd; • Plant Category and C	Telephone No.: State: FT	Zip Code:	32034		
	• Plant Operators: See Page 3.					
II.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF	August 1	.998	: See Page :		
Ш.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAIN EPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT: See Pa		11DE, POLY	MER CONTAINING		
IV.	STATEMENT BY LEAD/CHIEF WATER TREATMENT PLANT OPERATOR	•				
	I, the undersigned lead/chief operator of the water treatment plant listed in Part I of this forbelief, the information provided in this report is true and accurate.	orm, certify that,	to the best	of my knowledge and		
	Also, I certify that the following additional operations records applicable to this plant were visited the plant during the reporting month indicated on this report and that these records wi site for not less than five years:	prepared each da ill be maintained a	y a certified evailable for	operator staffed or review at the plant		
	 records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source water temperature effluent pH and alkalinity in addition to chemical feed rates); process performance records for sedimentation (e.g., process effluent turbidity and slud 	ige volume produ	cedl;			
	 process performance records for filtration (e.g., process effluent turbidity and color, nu run volumes, head losses, length of filter runs, frequency of backwash, amount of back backwash rates); 	mber of filters in kwash water use	service, filtr d, duration o	ation rates,-unit filter if backwash, and		
	 process performance records for lime-soda ash softening (e.g., source water and processoagulation/flocculation, sedimentation, and filtration); 					
	 process performance records for ion exchange softening (e.g., feed and bypass flows, blend rate, and salt and brine used); process performance records for reverse osmosis (e.g., feed, product, and brine flows; feed pressure, temperature, pH, conductivity, and turbidity; product pH and conductivity; and brine pH and conductivity); 					
	 process performance records for electrodialysis (e.g., polarity, feed temperature and tot dissolved solids, dilute flow rate, brine make-up, pressures, and volts/apps). 	al dissolved solid	is, product c	onductivity and local		
	Charles	H. Shelton		2257 .		

Page 1

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION NORTHEAST DISTRICT 7825 BAYMEADOWS WAY, SUITE B-200 JACKSONVILLE, FLORIDA 32256-7577

Name and Certificate Number (please type or print)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

m 67-655.910(3)

2 Azrew 1, 1, 2, 2, 10	entification		<u> 245036</u>	54	
Treatment Plan	1. Name;	Number .			

H. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF ___ August 1998

Day of the Month					l'Disinfectant in Distribu	mon System	1
	Plant in Operation	Ouantity of Finished Water Produced by Plant (pallons)	Entry to Distribution		Where Residual Disinfectant	Disinfectant Concentration a	or Abnorma
; .			System (mg/L)*	Concentration Set Remote Point (mg/L)*			Canditions
1	24	2,059,200	2.2			1	
2	24	2,159,500	2.5				†
3	24	2,159,500	2.5			1	1
4	24	1.330.560	2.5				1
5	24	1,890,240	2.3				
6	24	1,415,040	2.3	· ·			
7	24	1,932,480	2.5	1			1
8	24	1,659,000	2.0		1.		
9	241	1,720,500	2.5	Ì		· · · · · · · · · · · · · · · · · · ·	<u> </u>
10	24.	1,720,500	2,5		1	1	
11	24 1	1,391,000	2.2			i	i
12	24	1,919,000	2.4			i	i
:3	1 24 1	1,129,920	2.2	1	5	1.0	
14.	1 24 1	976,000	2.4			T -	1
15	1 24 !	1.000.000	2.2			l	
16	24 1	1,034,500	2.1	1		i	
17	24	1,034,500	2.1			i	i
16	24	891,000	2.0	1	i i	i	i
19	24	562,000	2.2			j	i
20	24	981,000	2.0	į	5	0.6	
21	24	826,000	2.1	1	1		
22	24	988,000	2.0	I	1	i	i
23	24	1,143,000	1.9	i	<u> </u>		l
24	24	1.143.000	1.9				
25	24	1,321,000	1.9				
26	24	1,712,000	1.8				
27	24	1,699,000	2.1	_	6	0.4	
28	24	2,385,000	1.5	-			
29	24	2,274,000	1.9	_			
30	24	2,323,500	1.8				
31	24	2,323,500	1.8				
otal	XXXXXX	/ 7 - 000 / / 0	XXXXXXXXXXXX	XXXXXXXXXX	16	XXXXXXXXXX	XXXXXXXX
Avç.	XXXXXX				XXXXXXXXXXXXX		XXXXXXXX
Azx.	XXXXXX				xxxxxxxxxxxxx		

If et any time the residual disintectan; concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disintectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department of the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555, 350(3), F.A. C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/l, of free available chiorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/l, of free available chindren and notify the Department or the appropriate ACEPULITY was at telephone within 24 nours pursuent to Rule 62-555,350(3), f. A.C.

Signature and Date

Department of Environmental Protection

Anomore/Sussenute DEP Form 62-856.310(3)

2257

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN:	STRUCTIONS: See Page 5.					
1.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION					
	Water System Information System Name: Florida Public Utilities Company System Owner	_ PWS Id	dentifica	ion No.:	2450364	
	Name: Florida Public Utilities Company Address: P.O. Box 418, 911 South 8th Street			904/26		
	City: Fernandina Beach System Type: Community: Onon-transient non-community: Onon-community: Consecutive Type: Community: Onon-transient non-community: Onon-community: Onon-		<u>FL</u>	Zip Code:	32035	
	•No. of Service Connections at End of Reporting Month: 6321 : •Total Population Service	red at Eng	d of Rep	orting Mont	h: <u>11,900</u>	<u>. </u>
	Water Treatment Plant Information Treatment Plant	Y-1b-	11	00//02		
	Name: Number 2 Water Works Address: 2203 Ryan Road	_ i elepno	ne No.:	904/27	7-1972	
	City: Fernandina Beach	State:	FL	Zip Code:	32034	
	Permitted Maximum Day Capacity of Plant: 4.5 gpd; Plant Category and C Plant Operators: See Page 3.	Class per :	Rule 62	699.310(3),	F.A.C.:	<u> </u>
11.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF	Aus	gust	1998	: Sea	e Page 2
Ш.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAIN EPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT: See Pa		RYLAN	MIDE, POL	YMER CONT.	AINING
۱۷.	STATEMENT BY LEAD/CHIEF WATER TREATMENT PLANT OPERATOR					
	1, the undersigned lead/chief operator of the water treatment plant listed in Part 1 of this 1 belief, the information provided in this report is true and accurate.	orm, certi	fy that,	to the best	of my knowle	dge and
	Also, I certify that the following additional operations records applicable to this plant were visited the plant during the reporting month indicated on this report and that these records we site for not less than five years:	prepared ill be mai	each da ntained	ay a certifie available for	operator state	ied or plant
	 records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source water temperatu effluent pH and alkalinity in addition to chemical feed rates); 	re, pH, tu	ırbidity,	color, and a	lkalinity and pr	ocess
	 process performance records for sedimentation (e.g., process effluent turbidity and sluprocess performance records for filtration (e.g., process effluent turbidity and color, not run volumes, head losses, length of filter runs, frequency of backwash, amount of backwash rates); 	umber of	filters in	service, fil	ration rates,-u of backwash, a	nit filter Ind
	 process performance records for time-soda ash softening (e.g., source water and proce coagulation/flocculation, sedimentation, and filtration); 	ess effluer	nt hardn	ess in additi	on to records l	lot
	 process performance records for ion exchange softening (e.g., feed and bypass flows, process performance records for reverse osmosis (e.g., feed, product, and brine flows; turbidity; product pH and conductivity; and brine pH and conductivity); and 	feed pre:	e, and s ssure, te	all and bring emperature,	e used); pH, conductivit	γ, and
	 process performance records for electrodialysis (e.g., polarity, feed temperature and to dissolved solids, dilute flow rate, brine make-up, pressures, and voltslamps). 	ital dissol	ved solie	is, product (conductivity and	o total

Page 1

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE B-200
JACKSONVILLE, FLORIDA 32256-7577

Charles H. Shelton

Name and Certificate Number (please type or print)

Monthly Operation Report	t for Public	Water System	ns that	Usε	Ground	Water
and for Consecutive Pr						

Alleman Substitute	DEP from 67-655.910(3)	

Azrem	,	19 16E	MINICATION	Rumber:		- 24503	
					199		PERSONAL PROPERTY.
102100	4 :	Flant	Rame	South hear		Water	ا ترایا

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHYEAR OF August 1998

				Residua	l Disinlectant in Distribu	ution System	
::	d	1	Lowest Residual	, 10 (10 (10 (10 (10 (10 (10 (10 (10 (10			Reported
Day o	Hours Plant in :	Quantity of Finished	Disinfectant				Emergency
	Operation		Entry to Distribution	Residual Disinfectant	Where Residual Disinfectant	Disinfectant Concentration a	or Apnorma
,		*** .	System (mg/L)*	Concentration			Decading
	1	1.7.10		at Remote			
		<u> </u>		Point (mg/L)	Sampling Points	(mg/L)	<u></u>
	24	2,381,000	2.2			1	
2	24	1,589,500	2.4			7	
3	24	1.589.500	2.5			 	
4	24	2,814,000	1.9			1	
5	24	2,994,000	2.2			 	
6	24	3,345,000	1.8		· - · · · · · · · · · · · · · · · · ·	 	
7	24	2,846,000	1.5			 	
8	24	2,779,000	1.5	1	1.		
9	24	2,617,500	1.3	i	 	 	
10	24	2,617,500	1.3	 		 	
11	24	2.532.000	0.8		 		
12	24	3,050,000	0.4	<u> </u>	 	 	
:3	24	2,334,000	2.2	<u> </u>	1 5		
14	1 24	2,358,000	2.6		 	1.0	
15	1 24 !	2.362.000	2.6	1	````	 	
16	24 1	2.647.000	3.5	i -	†	 -	
17	24	2,647,000	3.5	i	 	 	
18	24	2,546,000	2.8	i	 	 	1
19	24	2,519,000	2.0	i	 	 	}
20	24	2,691,000	2.5	 	5	1 0 6	}
21	24	2,477,000	2.0	 	 	0.6	
22	24	2,685,000	2.0	<u>'</u>	<u> </u>	}	}
23	24	2,487,000	0.8		 	 	<u></u>
24	24	2,487,000	0.8		 		<u> </u>
25	24	2,738,000	1.3		 	 	
26	24	2,805,000	1.6		 	 	
27	24	2,767,000	1.0		6	· · · · · · · · · · · · · · · · · · ·	
28	24	2,644,000	0.9	<u>_</u>		0.4	
29	24	2,453,000	1.4		 		
30	24	2,548,500	1.1				
31	24	2,548,500	1.1				
0;al	XXXXXXI		XXXXXXXXXXX	VVVVVVVVV			
	XXXXXX				16	XXXXXXXXXX	
	XXXXXX	2.577.387	VVVVVVVVVVVV	~~~~~~~~~~~	XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXX
			0/05/000 21/000 40/00	^^^XXXXXXXX	xxxxxxxxxxxxx	XXXXXXXXXX	XXXXXXXX

If at any time the residual disintectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department of the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555.350/3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mo/L of free available chiorine, immediately increase the chlorine gose and/or flush appropriate portions of the distribution system until the residual distribution is at least equivalent to 0.2 mg/L of fire available chlorine and notify the Department or the appropriate ACSHU by wire or telephone within 24 nours pursuant to flufe 62.535.330(3), 7.4.0

[•] Type of Residual Disinfectant Maintained in Distribution System Served by Plant: R free chlorine; C combined chlorine (chloramine);

Alternate/Susattions DEP Form 62-666.910(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

181	CTOHCTIONS, c. a. c.	
	STRUCTIONS: See Page 5.	
t.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMA	ATION
	Water System Information - System Name: Florida Public Utilities Company System Owner	PWS Identification No.: 2450364
	Name: Florida Public Utilities Company Address: P.O. Box 418, 911 South 8th Street	Telephone No.: 904/261-3663
	City: Fernandina Beach	State: FL Zip Code: 32035
	 System Type: ■ community; ○ non-transient non-community; ○ non-community; ○ No. of Service Connections at End of Reporting Month: 6354; • Total Population 	
	Water Treatment Plant Information Treatment Plant Name: Number 1 Water Works	Telephone No.:904/277-1971
	Address: North 11th Street & Atlantic Avenue	
	City: Fernandina Beach Permitted Maximum Day Capacity of Plant: 5.7 gpd; Plant Categor	State: FL Zip Code: 32034 y and Class per Rule 62-699.310(3), F.A.C.: C
	• Plant Operators: See Page 3.	y and Class per Rule 62-699.310(3), F.A.C.:C
Ħ.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYE	AR OF September 1998 : See Page
Ш.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CO EPICHLOROHYDRIN, ANDIOR IRON AND MANGANESE SEQUESTRANT:	•
۱۷.	STATEMENT BY LEAD/CHIEF WATER TREATMENT PLANT OPERATOR	
	1, the undersigned lead/chief operator of the water treatment plant listed in Part 1 o belief, the information provided in this report is true and accurate.	f this form, certify that, to the best of my knowledge and
	Also, I certify that the following additional operations records applicable to this plan visited the plant during the reporting month indicated on this report and that these recisite for not less than five years:	It were prepared each day a certified operator staffed or ords will be maintained available for review at the plant
	 records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source water ten effluent pH and alkalinity in addition to chemical feed rates); 	
	 process performance records for sedimentation (e.g., process effluent turbidity as process performance records for filtration (e.g., process effluent turbidity and crun volumes, head losses, length of filter runs, frequency of backwash, amount backwash (ates); 	olor, number of filters in service, filtration rates,—unit filte
	 process performance records for lime-soda ash softening (e.g., source water and coagulation/flocculation, sedimentation, and filtration); 	d process effluent hardness in addition to records for
	 process performance records for ion exchange softening (e.g., feed and bypass) process performance records for reverse osmosis (e.g., feed, product, and brine turbidity; product pH and conductivity; and brine pH and conductivity); and 	flows, blend rate, and salt and brine used); flows; feed pressure, temperature, pH, conductivity, and
		فتتتم كالمنازين فيناها والمائل الهاران والمنافي المائل المائل والمائلة المائلة المائلة المائلة المائلة المائلة

 process performance records for electrodialysis (e.g., potarity, feed temperature and total dissolved solids, product conductivity and total dissolved solids, dilute flow rate, brine make-up, pressures, and volts/ampsl.

	Charles H. Shelton	2257
Signature and Date	Name and Certificate Number (please type	or print)

Page 1

Mouthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

Allenate/Substitute OFF From 67-655,910131

System PWS Identification Number: 2450364

Treatment Plant Hame: Number 1 Water Works

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF <u>September 1998</u>

• Type of Residual Disinfectant Maintained in Distribution System Served by Plant: 89 free chlorine; © combined chlorine (chloriamine); © chlorine dioxide

1.7			la salating	Residua	l Disintectant in Distrib	ution System	
1 .			Lowest Residual				Reported
Day o		Quantity of Finished	Disinfectant		Number of Instances		Emergency
Month	Plant in Operation	Water Produced by:Plant (gallons)			Where Residual Disinfectant	Disinfectant	or Abnormal
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	i Operation	(Oallons)	Entry to Distribution System (mg/L)*	1	1 0 0		Operating
	1		System (mg/c)	at Remote			Conditions
<u></u>		<u> </u>		Point (mg/L)*	Sampling Points	.[mg/L) ¹	1 :
1	24	2,393,000	1.8				
2	24	2,161,000	2.1				
3	24	1,172,000	1.9				
4	24	952,000	1.9				1
5	24	1,606,000	1.9				
6	24	2,514,000	2.0			<u> </u>	ļ
7	24	1,543,000	2.0				· · · · · · · · · · · · · · · · · · ·
8	24	1,494,000	1.7	1	1.	† 	
. 9	24	1,641,000	1.8	i	1		1
10	24	1,318,000	1.8	 	7	0.5	
11	24	1,717,000	2.0	1	 	1 0.5	i
12	24	1,919,000	2.0	 	<u> </u>		
; 3	24	2,391,000	1.8		i	 	<u>.</u>
14	24	2,391,000	1.8		i		i
15	24 !	2,426,000	1.8	i		<u>i </u>	<u>i </u>
16	24	2,526,000	1.8	İ	i	i	
17	24	2,253,000	1.7	<u> </u>	<u> </u>	i 	<u> </u>
16	24	1,055,000	1.6	i			<u> </u>
19	24	1,155,000	1.0	1	†	`	
20	24 1	1,086,500	1.9	1	[
21	24	1,086,500	1.9	i		1	
22	24	980,000	1.8	i .	İ	i	<u> </u>
23	24	1,551,000	1.8	 	i	·	
24	24	1,409,000	1.9		. 7	0.8	
25	24	1,544,000	1.9		 	1	
26	24	1,362,000	1.9		-		
27	24	1,667,500	2.0				
28	24	1,667,500	2.0			 	
29	24	1,901,000	2.0		6	0.5	
30	24	1,761,000	1.8			ر.ن	
31	i						
Total	XXXXXX	50,643,000	XXXXXXXXXXX	XXXXXXXXXX	20	XXXXXXXXXX	XXXXXXXX
Avç.	XXXXXX				20 XXXXXXXXXXXXX		
.xsN·l	XXXXXX	2,526,000	XXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXX
11 21 20	v time toe	esiqual disintectan; concei	21551102 21 424 424		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	20.000000000000000000000000000000000000	

If at any time the residual disintectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555.350(3), F.A.C.

If at any time the residual disinfectant concentiation in the distribution system drops below the couralent of 0.2 me/L of free available chiorine, immediately increase the chlorine does and/or flish appropriate particles of the distribution system until the residual distribution is at least equivalent to 0.7 me/L of tree available chlorine and notify the Department or the appropriate $\Delta CSCM$ by wine or telephone within 24 hours pursuant to Rule 62-858-350(3), FAC.



Department of Environmental Protection

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

INSTRUCTIONS: See Page 5.

	ter System Information -	-				
	ysiem Name: Florida Public Utilities Company	P	WS Identil	ication No.:	24503	64
_	ystem Owner Name: _Florida Public Utilities Company	τ.	lephone M	a • • • • • • • • • • • • • • • • • • •	261-366	2
	Address: P.O. Box 418, 911 South 8th Street		ichinis i	J., <u>- 3047</u>	701-300	3
	ily: Fernandina Beach	St	ale: F	L Zip Code	: 320	35
	ystem Type: 🗷 community; 🗅 non-transient non-community; 🔾 non-comm			<u>-</u>		
• No	o. of Service Connections at End of Reporting Month: 6354; • Total	l Population Served a	it End of	Reporting Ma	nth: <u>11</u>	,900
Wate	er Treatment Plant Information					
	eatment Plant					
N	ame: Number 2 Water Works	Te	lephone N	o.: 904/	277-197	2
A	ddress: 2203 Ryan Road		•		···	
Ci	ily: Fernandina Beach	Şti	ite: FL	Zip Code	320	34
		Category and Class	per Rule	62-699.310(), F.A.C.:	С
• Pla	ant Operators: See Page 3.				_	
SUN	MMARY OF DAILY WATER TREATMENT DATA FOR THE MO	NTH/YEAR OF	Septem	ber 1998		See Page
	•					-
	MMARY OF USE, AT WATER TREATMENT PLANT, OF POLYI			AMIDE, PO	LYMER CO	иинатис
EPIC	CHLORGHYDRIN, ANDIOR IRON AND MANGANESE SEQUEST	RANT: See Page 4	•			
СΤΔ	TEMENT BY LEADICHIEF WATER TREATMENT PLANT OPER	ATOR				
	the undersigned lead/chief operator of the water treatment plant listed in f, the information provided in this report is true and accurate.	Part I of this form,	certify th	at, to the be	st of my kno	owledge and
visite	so, I certify that the following additional operations records applicable to d the plant during the reporting month indicated on this report and that for not less than five years:	this plant were prep these records will be	ared each maintaine	day a certifi d available f	ed operator or review at	staffed or the plant
•	records of amounts of chemicals used and chemical feed rates;					
•	process performance records for coagulation/flocculation (e.g., source	water temperature, p	H, turbidit	y, color, and	alkalinity an	nd process
	effluent pH and alkalinity in addition to chemical feed rates);					
•	process performance records for sedimentation (e.g., process effluent	turbidity and sludge 1	rolume pro	duced);		
•	process performance records for filtration (e.g., process effluent turbid run volumes, head losses, length of filter runs, frequency of backwash backwash rates);	ity and color, number , amount of backwas	of filters th water t	in service, f Ised, duration	itration rate of backwa	s, unit filte sh, and
•	process performance records for lime-soda ash softening (e.g., source	water and process et	fluent had	dness in add	tion to reco	eds for
	coagulation/flocculation, sedimentation, and filtration);	•			,	
•	process performance records for ion exchange softening (e.g., feed and	l bypass flows, blend	rate, and	salt and bri	ne used);	
•	process performance records for reverse osmosis le.g., feed, product,		biezznie	temperature,	pH, conduc	tivity, and
_	turbidity; product pH and conductivity; and brine pH and conductivity);		erolund r	lide product	cooductivity	. 106 1013
•	process performance records for electrodialysis (e.g., polarity, feed ten dissolved solids, dilute flow rate, brine make-up, pressures, and volts/a		2701450 Z	mus, product	CONDUCTIVITY	, end 10161
		Charles H	. Shel	ton		2257 :
		Name and Certifica				

Paye 1

Mouthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

All-metersumetrice	Ofr from 67-655.9101

System PWS Identification Number: 2450364

Trestment Plant Home: Number: 2 Water Works

H. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF September 1998

• Type of Residual Disinfectant Maintained in Distribution System Served by Plant: O free chlorine; O combined chlorine (chloramine); O chlorine dioxide

				Residua	Disintectant in Distribu	ution System	
Day of the Month	Plant in Operation		Lowest Residual Disinfectant Concentration at, Entry 10 Distribution System (mg/L)*	Lowest Residual Disinfectant	Number of Instances Where Residual Disinfectant Measurements Taker	Disinfectant Concentration at Total Coliform	or Abnormal Operating Conditions
1_	24	2,572,000	1.3	<u> </u>			
2	24	2,472,000	1.4				
3	24	2,292,000	1.4				1
4	24	2,326,000	1.5				
5	24	2.417.000	1.5	<u> </u>			
6	24	2,505,000	1.9	<u> </u>			
7	24	2,283,000	2.1	<u> </u>	,		1
8	24	2,160,000	1.5		1		
9	24	2,286,000	1.4	<u> </u>			
10	24	2,291,000	1.6	<u> </u>	7	0.5	
11	24	2,802,000	2.0	<u> </u>			1
12	24	2,267,000	1.8	<u> </u>	<u> </u>		1
:3	24	2,353,500	1.9	<u>i</u>	<u> </u>		1
14	24	2,353,500	1.9	ļ		<u> </u>	
15	24	2,494,000	1.6			1	1
16	24	2,636,000	1.4	<u> </u>		<u> </u>	1
17	24	2,393,000	1.7	<u> </u>		<u> </u>	
3.6	24	2,276,000	1.6	<u> </u>	<u> </u>	<u> </u>	<u> </u>
19	24 1	2,212,000	1.7			1	
20	24	2,166,500	1.5			<u> </u>	1
21	24	2,166,500	1.5				
22	24	2.208.000	1.6		<u> </u>		
23	24	2,339,000	1.7				
25	24	2,180,000	1.5		7	0.8	
26	24	2,230,000	1.4				
27	24	2,246,000	1.8				
28		2,279,500	1.3				
29	24	2,279,500	1.3		ļ		
30	24	2,324,000	1.2		66	0.5	
31 1		2,334,000	1.2				
	XXXXXX	70)201,000	XXXXXXXXXXXX			XXXXXXXXXX	
	XXXXXX				XXXXXXXXXXXX		
		2,802,000	******	XXXXXXXXX	xxxxxxxxxxxxx	XXXXXXXXXX	XXXXXXXX

If at any time the residual disintectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department of the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555,350(3), F.A.C.

If at any time the residual disinfectant concentiation in the distribution system drops below the equivalent of 0.2 me/L of free available channe, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual distributions concentration is at least education to 0.2 might of tree available studies and notify the Department or the appropriate $\Delta CPPD$ by with a telephone within 24 notify pursuant to Rule 62.458.250/31, $E\Delta C$

Anamoie/Suceinus DEF form 62-665.210(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN	STRUCTIONS: See Page 5.			
١.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION			
	Water System information System Name: Florida Public Utilities Company System Owner	PWS Identifica	tion No.: 2450364	
	Name: Florida Public Utilities Company	Telephone No.:	904/261-3663	
	Address: P.O. Box 418, 911 South 8th Street City: Fernandina Beach	State: FL	Zip Code: 32035	
	System Type: Community; □ non-transient non-community; □ non-community; □ consecu		Lip 0000	
	• No. of Service Connections at End of Reporting Month: 6354; • Total Population Service	ed at End of Rep	orting Month: 11,900	
	Water Treatment Plant Information		 	
	• Treatment Plant			
	Name: Number 1 Water Works	Telephone No.:	904/277-1971	
	Address: North 11th Street & Atlantic Avenue	<u> </u>		_
	City: Fernandina Beach	State: FL	Zip Code: 32034	_
	◆Permitted Maximum Day Capacity of Plant: 5,7 gpd: ◆Plant Category and Cl ◆Plant Operators: See Page 3.	ass per Hule 62	699.310(3), F.A.C.: C	
Ħ.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF	October 1	.998 : See Pag	e 2
111.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAINS EPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT: Sec Page		IIDE, POLYMER CONTAINII	٧G
IV.	STATEMENT BY LEAD/CHIEF WATER TREATMENT PLANT OPERATOR	•		
	I, the undersigned leadschief operator of the water treatment plant fisted in Part I of this fo belief, the information provided in this report is true and accurate.	rm, certify that,	to the best of my knowledge at	nd
	Also, I certify that the following additional operations records applicable to this plant were positive the plant during the reporting month indicated on this report and that these records will site for not less than five years:			
	 records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source water temperature effluent pH and alkalinity in addition to chemical feed rates); process performance records for sedimentation (e.g., process effluent turbidity and sludy process performance records for filtration (e.g., process effluent turbidity and color, num 	ge volume produc nber of filters in	ed); service, filtration rates, unit filt	
	run volumes, head losses, length of filter runs, frequency of backwash, amount of back backwash rates); • process performance records for lime-soda ash softening (e.g., source water and proces)			
	coagulation/flocrulation, sedimentation, and filtration); process performance records for ion exchange softening (e.g., feed and bypass flows, b process performance records for reverse osmosis (e.g., feed, product, and brine flows; furbidity; product pH and conductivity; and brine pH and conductivity); and			
	 process performance records for electrodialysis (e.g., polarity, feed temperature and total dissolved solids, dilute flow rate, brine make-up, pressures, and voltsfamps). 	al dissolved solid	s, product conductivity and tota	i

Charles H. Shelton 2257 .

Signature and Date

Name and Certificate Number (please type or print)

Page 1

Mouthly Operation	Report for Publi	c Water Systems	that Use	Ground Water
and for Consecut	live Public Water	Systems that Tre	at Their	Water

MI-mio/Substitus	DFFI	-m 62-655.910131

System PWS Identification	Number:	2450364	
Trestowno Flant Name, 🔃	Number	1 Water Works	

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF October 1998

Type of Residual Disinfectant Maintained in Distribution System Served by Plant:
 free chlorine;
 combined chlorine (chloramine);
 chlorine dioxide

			Lowest Residual		Disinfectant in Distribu	tion System	
Day o the Month	Hours Plant in Operation		Disinfectant	Residual	Where Residual Disinfectant Measuromants Taken	Disinfectant Concentration at Total Coliform	or Abnormal Operating Conditions
1	24	842,000	1.9				
2	24	693,000	1.9				
3	24	1,121,000	1.8				
4	24	1,374,500	2.0				1
5	24	1,374,500	2.0				
6	24	1,424,000	2.0				
7	_24	1,721,000	1.8		7	0.7	
8	24	1,639,000	2.0		1.		
9	24 (1,401,000	1.9	1	1		İ
10	24	1,665,000	2.0			i	
11	24	1,882,000	2.4			i	i
1.2	24	1,882,000	2.4	l	1	1	j
: 3	24	1,860,000	2.0		I	<u> </u>	 .
14	1 24 !	2,221,000	1.9	1	1		<u>i — — — — — — — — — — — — — — — — — — —</u>
15	1 24 1	2,189,000	1.9	1	1 .6	0.6	1
16	1 24 1	2,119,000	2.0		1	i	
17	24	2,571,000	1.6			i	i
3.6	24	1,921,000	1.7				i
15	24	1,921,000	1.7		1	•	
20	24	2,430,000	2.0		i	i	i
21	24	1,191,000	2.0		7	0.3	
22	24	1,360,000	1.6				
23	24	1,442,000	1.8				
24	24	1,104,000	2.0				
25	24	1,812,000	1.6		· · · · · · · · · · · · · · · · · · ·		
26	24	1,812,000	1.6			· · · · · · · · · · · · · · · · · · ·	
27	24	1,395,000	1.8	-			
28	24	1,634,000	1.8				
29	24	1,515,000	1.9				
30	24	1,197,000	2.0				
31	24	2,142,000	2.0				
Total	XXXXXX		XXXXXXXXXXXXX	XXXXXXXXX	20	xxxxxxxxxx	XXXXXXXX
A.vc.	XXXXXX				XXXXXXXXXXXXX		
Azx.	XXXXXX				xxxxxxxxxxxx		

If at any time the residual disintectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and noutly the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555.350(3), F.A.C.

If at any time the residual disintectant concentration in the distribution system drops below the equivalent of 0.2 mol/L of free available chiprine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disintectant concentration is at least equivalent to 0.2 mol/L of free available chlorine and notify the Department or the appropriate ACCAPI by when or telephone within 24 nours pursuant to Bule 62-555.350(3), 7.4.0.



Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

INSTRUCTIONS: See Page 5.

. GENERAL WATER SYSTEM	I AND WATER TREATMENT PLANT INFORMAT	TION	
	Public Utilities Company	PWS Identification No.:	2450364
	ic Utilities Company 18, 911 South 8th Street	Telephone No.:904/	261-3663
City: Fernandina B		State: FL Zip Code:	32035
	□ non-transient non-community; □ non-community; □ co End of Reporting Month: <u>6354</u> ; • Total Population		nth: 11,900
Water Treatment Plant Informati	<u>on</u>		
• Treatment Plant	s D. 1	Talashana Na	
Name: Number 2 Wa Address: 2203 Ryan R		Telephone No.:904/2	2//-19/2
City: Fernandina B		State: FL Zip Code:	32034
Permitted Maximum Day Capac Plant Operators: See Page 3.		and Class per Rule 62-699.310(3)	
. SUMMARY OF DAILY WATE	ER TREATMENT DATA FOR THE MONTHIYEAR	R OF October 1998	: See Page 2
	ATER TREATMENT PLANT, OF POLYMER CON R IRON AND MANGANESE SEQUESTRANT: S		YMER CONTAINING
. STATEMENT BY LEAD/CHIE	F WATER TREATMENT PLANT OPERATOR	•	
	perator of the water treatment plant listed in Part I of t o this report is true and accurate.	this form, certify that, to the bes	t of my knowledge and
Also, I certify that the following visited the plant during the report site for not less than five years:	ng additional operations records applicable to this plant ting month indicated on this report and that these recor	were prepared each day a certifie ds will be maintained available to	ed operator statied or or review at the plant
process performance record	emicals used and chemical feed rates; rds for coagulation/flocculation (e.g., source water temp in addition to chemical feed rates];	erature, pH, turbidity, color, and	alkalinity and process
 process performance recor process performance recor 	in addition to the transfer of the filter turbidity and sold for filtration (e.g., process effluent turbidity and cold length of filter runs, frequency of backwash, amount o	or, number of filters in service, fi	ttration rates, unit filter of backwash, and
coagulation/flocculation, se	ds for lime-soda ash softening (e.g., source water and edimentation, and filtration);	•	
 process performance recor 	ds for ion exchange softening le.g., feed and bypass flo	ows, blend rate, and salt and brin	ne used);
	ds for reverse osmosis (e.g., feed, product, and brine fi	ows; feed pressure, temperature,	pH, conductivity, and
• process performance recor	conductivity; and brine pH and conductivity); and ds for electrodialysis (e.g., polarity, feed temperature at	nd total dissolved solids, product	conductivity and total
	v rate, brine make-up, pressures, and voltstamps).	······································	
	Charl	es H. Shelton	2257 -
Signature and Date		S Certificate Number (please type	
•			

Page 1

Mouthly Operation Report	for Public Water	Systems that Use	Ground Water
and for Consecutive Publ	ic Water System	s that Treat Their	Water

NI-NI-EURINA	06+	1~~	43-655.910131

System	1442	Identification	Namber:	2450364	
in the	11 P	on transco	Mumber	2 Water Works	

H. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHLYEAR OF October 1998

Day of the Month	Hours Plant in Operation	Quantity of Finished Water Produced by Plant (pallons)	Lowest Residual Disinfectant Concentration: at Entry to Distribution System (mg/L)*		Number of Instances Where Residuel Disinfectant Measurements Taken at Total Coliforn Sampling Points	Lowest Residual Disinfectant Concentration of Total Coliforn Sampling Points	Reported Emergency or Abnormal Operating Conditions
1	24	2,172,000	1.6				
2	24	2,176,000	1.3				
3	24	2,403,000	1.9				
4	24	2,261,000	1.4				
5	24	2,261,000	1.4				
6	24	2,310,000	1.6				
7	24	2,391,000	1.6		7	0.7	
8	24	2,370,000	1.6				
9	241	2,303,000	1.4	1			
10	24	3,028,000	2.0		1		
11	24	1,924,000	0.8	1		1	
12	24	1,924,000	0.8	1		1	
:3	24	1,998,000			1	1	
16	24	2,261,000	1.7				
15	24	2,133,000	1.4	i	6	0.6	
16	24	2,167,000	1.9				
17	24 1	1,881,000	2.4				
3 6	24	2,239,000	1.3			1	
19	24	2,239,000	1.3			1	
20	24	2,307,000	2.2				
21	24	3,480,000	1.4		7	0.3	
22	24	3,059,000	2.0		l		
23	24	2,990,000	2.0				
24	24	3,297,000	2.2				
25	24	2,754,000	2.1				
26	24	2,754,000	2.1			1	
27	24	2,990,000	2.0				
28	24	3,077,000	2.0				
29	24	3,024,000	2.0				
30	24	3,582,000	2.0				
31	24	2,402,000	2.2			1	
Total	XXXXXX	78,157,000	XXXXXXXXXXXX	XXXXXXXXXX	20	XXXXXXXXXX	XXXXXXXX
Avç.	XXXXXX	2,521,194			XXXXXXXXXXXXX		
	XXXXXX	3,582,000			XXXXXXXXXXXXX		

If at any time the residual disintectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department of the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62:555.350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mo/L of free available chlorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mo/L of free available chlorine and notify the Department or the appropriate ACPRU by with or telephone within 24 nours pursuant to Rule 62.555.330(3), 7.4.C.



AbunataSusations DEP form 62-686.310(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

11/	ISTRUCTIONS: See Page 5.						
1.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORM	NOITAN					
	Water System Information System Name: Florida Public Utilities Company System Owner Name: Florida Public Utilities Company Address: P.O. Box 418, 911 South 8th Street	PWS Identification No.: 2450364 Telephone No.: 904/261-3663					
	City: Fernandina Beach	State: FL Zip Code: 32035					
	System Type: □ community; □ non-transient non-community; □ non-community; □						
	No. of Service Connections at End of Reporting Month: 6354;	ation Served at End of Reporting Month: 11,900					
	Water Treatment Plant Information Treatment Plant Name: Number 1 Water Works	Telephone No.: 904/277-1971					
	Address: North 11th Street & Atlantic Avenue City: Fernandina Beach	State: FL Zip Code: 32034					
		ory and Class per Rule 62-699.310(3), F.A.C.: C					
۱.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHLY	EAR OF November 1998 : See Page 2					
11.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAINING ACRYLAMIDE, POLYMER CONTAINING EPICHLORGHYDRIN, ANDIOR IRON AND MANGANESE SEQUESTRANT: Sec Page 4.						
٧.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR						
), the undersigned lead/chief operator of the water treatment plant listed in Part I belief, the information provided in this report is true and accurate.	of this form, certify that, to the best of my knowledge and					
	Also, I certify that the following additional operations records applicable to this playisted the plant during the reporting month indicated on this report and that these resite for not less than five years:						
	 records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source water temperature, pH, turbidity, color, and alkalinity and process effluent pH and alkalinity in addition to chemical feed rates); 						
	 process performance records for sedimentation (e.g., process effluent turbidity process performance records for filtration (e.g., process effluent turbidity and tun volumes, head losses, length of filter runs, frequency of backwash, amoun backwash rates); 	color, number of filters in service, filtration rates, unit filter					
	 process performance records for lime-soda ash softening (e.g., source water and process effluent hardness in addition to records for coagulation/flocculation, sedimentation, and filtration); 						
	process performance records for ion exchange softening (e.g., feed and bypass)						
	 process performance records for reverse osmosis (e.g., feed, product, and brin turbidity; product pH and conductivity; and brine pH and conductivity); and 	e flows; feed pressure, temperature, pH, conductivity, and					
	process performance records for electrodialysis le.g., polarity, feed temperature	e and total dissolved solids, product conductivity and total					

dissolved solids, dilute flow rate, brine make-up, pressures, and voltstamps).

Charles H. Shelton
Signature and Date Name and Certificate Nornber (please type or print)

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Mouthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

MITALIA SURFILIUM	101016,655.910131	

System PMS Identification	245036	54	
inzimeni Plani Nadec 🔔	l Water		

B SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHMEAR OF November 1998

• Type of Residual Disinfectant Maintained in Distribution System Served by Plant; 🔊 free chlorine; 🗅 combined chlorine (chloriamine); 🗅 chlorine dioxide

			and they are a	Residual Disinfectant in Distribution System			
Day o the Month	Hours Plant in Operation	Quantity of Finished Water Produced by Plant (pallons)	Lowest Residual Disinfectant Concentration at Entry to Distribution System (mg/L)*	Lowest Residual Disinfectant	Number of Instances Where Residuel Disinfectant Measuraments Taken	Disinfectant Concentration a	or Abnormal Operating Conditions
1	24	2,142,000	2.0	1	, , , , , , , , , , , , , , , , , , ,	, ingret	 :
2	24	2,142,000	2.0	 	 		-
3	24	1,605,000	2.5			 	
4	24	1,602,000	2.5	 	 	 	-
5	24	1,295,000	2.0		6	0.4	
6	24	1,543,000	2.0	 	· · · · · · · · · · · · · · · · · ·	0.4	
7	24	1,486,000	1.7		-	 	
8	24	2,008,000	1.8	}	 	 	
9	24.	2,008,000	1.8		1	 	
10	24	1,916,000	1.8			 	 -
1.1	24	1,964,000	1.8	1			
12	24	2,025,000	2.0	 		`	
: 3	1 24 1	1,950,000	2.0	ì	 	 	1
16	24	1,763,000	2.0		1	i i	i
15	24 !	2,085,000	1.8	i	1	1	i
16	24	2,085,000	1.8	1	İ	i	
17	24	1,921,000	2.0	1	1	i	i
18	24	1,774,000	1.9	İ	I	i	i
19	24	1,843,000	2.1		7	0.4	i
20	24	1,826,000	1.9		1	1	i
21	24	1,662,000	2.0	1	1		i
22	24	1,471,000	3.0			İ	i
23	24	1,471,000	3.0		7	0.5	
24	24	1,005,000	2.5				
25	24	1,034,000	3.0				
26	24	1,485,000	2.5				
27	24	1,043,000	2.5	-			
28	24	1,602,000	1.7				
29	24	1.735.000	2.3				
30	24	1,735,000	2.3				
31							
iotal	XXXXXX	51,226,000	XXXXXXXXXXX	XXXXXXXXXX	20	xxxxxxxxxx	XXXXXXXX
	XXXXXX	1,707,533			XXXXXXXXXXXXX		
.xsh	XXXXXX	2,142,000			XXXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXX

If at any time the residual disinfectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chickine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wife or telephone within 24 hours pursuant to Rule 62-555.350/31, F.A. C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chiorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfections concentration is at least equivalent to 0.2 mg/L of free available chloring and notify the Department or the appropriate ACTHU by wire or telescope within 24 nours pursuant to Rule 62-555-350(3), F.A.C.



Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

INSTRUCTIONS: See Page 5.

GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION						
Water System Information - System Name: Florida Public Utilities	Company PWS Identification No.: 2450364					
Name: Florida Public Utilities Comp						
Address: P.O. Box 418, 911 South 8th St City: Fernandina Beach	State: FL Zip Code: 32035					
System Type: Ox community: O non-transient non-commun						
No. of Service Connections at End of Reporting Month:	• No. of Service Connections at End of Reporting Month: 6354: ◆Total Population Served at End of Reporting Month: 11,900					
Water Treatment Plant Information						
• Treatment Plant						
Name: Number 2 Water Works	Telephone No.: 904/277-1972					
Address: 2203 Ryan Road City: Fernandina Beach	State: FL Zip Code: 32035					
Permitted Maximum Day Capacity of Plant: 4.5	gpd; • Plant Category and Class per Rule 62-699.310(3), F.A.C.; C					
Plant Operators: See Page 3.						
SUMMARY OF DAILY WATER TREATMENT DATA	FOR THE MONTH/YEAR OF November 1998 : See Page					
SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAINING ACRYLAMIDE, POLYMER CONTAINING EPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT: See Page 4.						
. STATEMENT BY LEADICHIEF WATER TREATMENT	PLANT OPERATOR					
I, the undersigned lead/chief operator of the water treatment plant listed in Part I of this form, certify that, to the best of my knowledge and belief, the information provided in this report is true and accurate.						
Also, I certify that the following additional operations reco- visited the plant during the reporting month indicated on this site for not less than five years:	rds applicable to this plant were prepared each day a certified operator staffed or report and that these records will be maintained available for review at the plant					
effluent pH and alkalinity in addition to chemical feed	on (e.g., source water temperature, pH, turbidity, color, and alkalinity and process rates);					
 process performance records for sedimentation (e.g., process effluent turbidity and sludge volume produced); process performance records for filtration (e.g., process effluent turbidity and color, number of filters in service, filtration rates, unit filter run volumes, head losses, length of filter runs, frequency of backwash, amount of backwash water used, duration of backwash, and backwash rates); 						
 process performance records for lime-soda ash softening (e.g., source water and process effluent hardness in addition to records for coagulation/flocculation, sedimentation, and filtration); 						
 process performance records for ion exchange softening 	g le.g., feed and bypass flows, blend rate, and salt and brine used):					
	 process performance records for reverse osmosis (e.g., feed, product, and brine flows; feed pressure, temperature, pH, conductivity, and turbidity; product pH and conductivity; and brine pH and conductivity); and 					
 process performance records for electrodialysis (e.g., polarity, feed temperature and total dissolved solids, product conductivity and total dissolved solids, dilute flow rate, brine make-up, pressures, and volts/amps). 						
Significant Day	Charles H. Shelton 2257 Name and Certificate Number (please type or print)					
Signature and Date	Name and Certificate Notices (please type of print)					

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Mouthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

A41				,
NI-MILE CONTINUE	Of r	·~~	62-655	310(3)

System PWS Identification Number: 2450364

Treatment Plant Name: Number 2 Water Norths

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF _____ November 1998

• Type of Residual Disinfectant Maintained in Distribution System Served by Plant: 🗷 free chlorine; 🗅 combined chlorine (chloriamine); 🗅 chlorine dioxide

Day o	Plant in	Quantity of Finished Water Produced by Plant (gallons)	Lowest Residual Disinfectant Concentration at Entry to Distribution System (mg/L)	Lowest Residual Disinfectant Concontration at Remote	::at Total Coliform	Lowest Residual Disinfectant Concentration at	or Abnormal
				Point (mg/L)1	Sampling Points	(mg/L) '	l . <u></u> .
1	24	2,402,000	2.2				
2	24	2,404,000	2.2	<u> </u>			
3	24	2,554,000	2.6	<u> </u>			
4	24	2,673,000	1.9				
5	24	2,423,000	2.5		6	0.4	
- 6	1 24	2,484,000	2.4				
7	24	2,340,000	2.0				
8	24	2,506,000	3.7		•		
9	24.	2,506,000	3.7 '	1			1
10	24	2,447,000	2.5			1	
11	24	2,683,000	1.9	1		1	1
12	24	2,536,000	2.4		l	1	1
: 3	1 24 1	2,611,000	2,5	i		1	ī
14	24	2,339,000	2.4		1	İ	1
15	24 !	2,657,000	2.4		1		l
16	1 24 1	2,657,000	2.4				<u> </u>
17	24 1	2,629,000	3.0				l
18	24	2,753,000	3.0				i
19	24	2,601,000	3.0		7	0.4	
20	24	2,618,000	2.9				<u> </u>
21	24	2,529,000	2.0				
22	24	2,528,000	1.5				
23	24	2,528,000	1.5		7	0.5	
24	24	2,471,000	2.7				
25	24	2,293,000	2.3				
25	24	2,418,000	1.7				
27	24	2,544,000	2.0	-			
28	24	2,184,000	1.4				
29	24	2,433,000	2.5	· · · · · · · · · · · · · · · · · · ·			-
30	24	2,433,000	2.5				
31					· · · · · · · ·		
io;al	XXXXXX	75,184,000	XXXXXXXXXXXXX	XXXXXXXXX	20	xxxxxxxxx	xxxxxxxx
Avç.	XXXXXX	2,506,133			XXXXXXXXXXXXX		
Azx.	XXXXXX				xxxxxxxxxxxx		

If at any time the residual disintectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chickine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62:555.350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system grops below the equivalent of 0.2 mg/l, of tire available chicking, immediately increase the chloring goss and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/l, of tire available chicking and notify the Department or the appropriate 4CPPU by which relegations within 24 hours pursuant to Rule 62.555.350(3), 7.4.0



Department of Environmental Protection

Aneroco/Sussitions DEP form 62-656.310(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFOR	RMATION			
Nater System Information System Name: Florida Public Utilities Company	PWS Id	lentificat	ion No.:	2450364
System Owner North Florida Public Utilities Company		ne No.:	904/2	61-3663
Address: P.O. Box 418, 911 South 8th Street	State:	FL	Zip Code:	32035
City: Fernandina Beach System Type: © community; O non-transient non-community; O non-community; No. of Service Connections at End of Reporting Month: 6361; Total Pop	; D consecutive outation Served at En	d of Rep	orting Month	11,900
Water Treatment Plant Information				
Name: Number 1 Water Works	Telepho	one No.:	904/2	77-1971
Address: North 11th Street & Atlantic Avenue			Zip Code:	32034
Cim Formandina Reach	State: Legory and Class per	FL Rule 62	.699.310(3)	F.A.C.: C
• Permitte Walnum out	redork sun crass ber	11010 02		
- Olane Oracatore: See Page 3	ומינאם מנ ה	L	. 1009	: See Page
SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH	HYEAR UF Dec	cember	1990	
SUMMARY OF BAILT WATER THEATMENT PLANT, OF POLYMER SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER EPICHLORGHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRAN				
CTATEMENT BY LEADICHIFF WATER TREATMENT PLANT UPERAL	OR	•		
STATEMENT BY LEAD/CHIEF WATER TREATMENT PLANT OPERATI L. the undersigned lead/chief operator of the water treatment plant fisted in Pai belief, the information provided in this report is true and accurate.	irt I of this form, cer	tify that	, to the best	of my knowledge at
I, the undersigned lead/chief operator of the water treatment plant fisted in Parbellef, the information provided in this report is true and accurate. Also, I certify that the following additional operations records applicable to this visited the plant during the reporting month indicated on this report and that these site for not less than five years:	ert I of this form, cer	d each o	lau a cectifies	d operator statied of
I, the undersigned lead/chief operator of the water treatment plant listed in Pai belief, the information provided in this report is true and accurate. Also, I certify that the following additional operations records applicable to this visited the plant during the reporting month indicated on this report and that thes site for not less than five years: • records of amounts of chemicals used and chemical feed rates;	ort I of this form, cer s plant were prepare se records will be ma	d each c aintained	lay a certifier available for	d operator statled or review at the plant
I, the undersigned lead/chief operator of the water treatment plant listed in Parbellef, the information provided in this report is true and accurate. Also, I certify that the following additional operations records applicable to this visited the plant during the reporting month indicated on this report and that thes site for not less than five years: • records of amounts of chemicals used and chemical feed rates; • process performance records for coagulation/flocculation (e.g., source wat effluent pH and alkalinity in addition to chemical feed rates); • process performance records for sedimentation (e.g., process effluent turbidity run yolumes, head losses, length of filter runs, frequency of backwash, a	ort I of this form, cer is plant were prepare se records will be ma ter temperature, pH, bidity and sludge vol- and color, number of amount of backwash	turbidity ume prod filters water u	lay a certifier available for , color, and a duced); in service, fil sed, duration	d operator statled of review at the plant alkalinity and process tration rates,—unit find backwash, and
I, the undersigned lead/chief operator of the water treatment plant fisted in Parbellef, the information provided in this report is true and accurate. Also, if certify that the following additional operations records applicable to this visited the plant during the reporting month indicated on this report and that thes site for not less than five years: records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source wat effluent pH and alkalinity in addition to chemical feed rates); process performance records for sedimentation (e.g., process effluent turbidity run volumes, head losses, length of filter runs, frequency of backwash, a backwash rates); process performance records for lime-soda ash softening (e.g., source was process performance records for lime-soda ash softening (e.g., source was process performance records for lime-soda ash softening (e.g., source was process performance records for lime-soda ash softening (e.g., source was process performance records for lime-soda ash softening (e.g., source was process performance records for lime-soda ash softening (e.g., source was process performance records for lime-soda ash softening (e.g., source was process performance records for lime-soda ash softening (e.g., source was process performance records for lime-soda ash softening (e.g., source was performance records for lime-soda ash softening (e.g., source was performance records for lime-soda ash softening (e.g., source was performance records for lime-soda ash softening (e.g., source was performance records for lime-soda ash softening (e.g., source was performance records for lime-soda ash softening (e.g., source was performance records for lime-soda ash softening (e.g., source was performance records for lime-soda ash softening (e.g., source was performance records for lime-soda ash softening (e.g., source was performance records for lime-soda ash softening (e.g., source was performance records for lime soda ash softening (e.g., so	s plant were prepare se records will be ma ter temperature, pH, bidity and sludge volu- and color, number o smount of backwash	d each of aintained turbidity ume proof (filters water us uent hard	lay a certifier available for , color, and a duced); in service, fil seed, duration duess in addi	d operator stated of review at the plant alkalinity and process treation rates, unit to of backwash, and tion to records for
I, the undersigned lead/chief operator of the water treatment plant fisted in Parabelief, the information provided in this report is true and accurate. Also, I certify that the following additional operations records applicable to this visited the plant during the reporting month indicated on this report and that thes site for not less than five years: • records of amounts of chemicals used and chemical feed rates; • process performance records for coagulation/flocculation (e.g., source wateffluent pH and alkalinity in addition to chemical feed rates); • process performance records for sedimentation (e.g., process effluent turbidity run volumes, head losses, length of filter runs, frequency of backwash, a backwash rates); • process performance records for lime-soda ash softening (e.g., source watersouldation/flocculation, sedimentation, and filtration);	s plant were prepare se records will be maker temperature, pH, bidity and sludge volument of backwash after and process efflutions.	d each called and an arms of the called an arms of the called and	lay a certifier available for , color, and a fuced); in service, fill sed, duration diness in additional for the sed, duration the sed, and being	d operator staffed of review at the plant alkalinity and process treation rates, unit for backwash, and tion to records for the pused!
I, the undersigned lead/chief operator of the water treatment plant fisted in Parbellef, the information provided in this report is true and accurate. Also, I certify that the following additional operations records applicable to this visited the plant during the reporting month indicated on this report and that thes site for not less than five years: • records of amounts of chemicals used and chemical feed rates; • process performance records for coagulation/flocculation (e.g., source wat effluent pH and alkalinity in addition to chemical feed rates); • process performance records for sedimentation (e.g., process effluent turbidity run volumes, head losses, length of filter runs, frequency of backwash, a backwash rates); • process performance records for lime-soda ash softening (e.g., source wat coagulation/flocculation, sedimentation, and filtration); • process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g.,	s plant were prepare se records will be muster temperature, pH, bidity and sludge volument of backwash later and process effluoypass flows, blend of d brine flows; feed p	d each contained turbidity ume process water users and onessure,	day a certifier available for , color, and a duced!; in service, fil sed, duration dness in additional temperature,	d operator stated of taview at the plant alkalinity and process tration rates, unit for backwash, and tion to records for pH, conductivity, as
I, the undersigned lead/chief operator of the water treatment plant listed in Pai belief, the information provided in this report is true and accurate. Also, if certify that the following additional operations records applicable to this visited the plant during the reporting month indicated on this report and that these site for not less than five years: records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source wat effluent pH and alkalinity in addition to chemical feed rates); process performance records for sedimentation (e.g., process effluent turbidity run volumes, head losses, length of filter runs, frequency of backwash, a backwash rates); process performance records for lime-soda ash softening (e.g., source wat coagulation/flocculation, sedimentation, and filtration); process performance records for in exchange softening (e.g., feed and be process performance records for reverse osmosis (e.g., feed, product, and turbidity; product pH and conductivity; and brine pH and conductivity); at turbidity; product, pH and conductivity; and brine pH and conductivity; as turbidity; feed temperators are consisted for electrodialysis (e.g., polarity, feed temperators).	s plant were prepare se records will be make ter temperature, pH, bidity and sludge volument of backwash later and process effluoypass (lows, blend of d brine flows; feed pind erature and total dist	d each contained turbidity ume process water users and onessure,	day a certifier available for , color, and a duced!; in service, fil sed, duration dness in additional temperature,	d operator staffed of review at the plant alkalinity and process tration rates, unit fill of backwash, and tion to records for pH, conductivity, and
I, the undersigned lead/chief operator of the water treatment plant fisted in Parbellef, the information provided in this report is true and accurate. Also, I certify that the following additional operations records applicable to this visited the plant during the reporting month indicated on this report and that thes site for not less than five years: • records of amounts of chemicals used and chemical feed rates; • process performance records for coagulation/flocculation (e.g., source wat effluent pH and alkalinity in addition to chemical feed rates); • process performance records for sedimentation (e.g., process effluent turbidity run volumes, head losses, length of filter runs, frequency of backwash, a backwash rates); • process performance records for lime-soda ash softening (e.g., source wat coagulation/flocculation, sedimentation, and filtration); • process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g., feed and be process performance records for ion exchange softening (e.g.,	s plant were prepare se records will be make ter temperature, pH, bidity and sludge volument of backwash later and process effluoypass (lows, blend of d brine flows; feed pind erature and total dist	d each of aintained turbidity ume proof (filters water usuent hard ate, and pressure, solved so	lay a certifier available for , color, and a fuced!; in service, fit sed, duration dness in additional temperature, blids, product	d operator staffed or review at the plant alkalinity and process teration rates, unit fit of backwash, and tion to records for ne used); pH, conductivity, an

Page 1

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE 6-200
JACKSONVILLE, FLORIDA 32256-7577

Mouthly Operation	Report for Pub	lic Water System	is that Use	Ground Water
and for Consecut	ive Public Wate	er Systems that	Treat Their	Water

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ystem	PWS	Identification	Humber:	2450364

Treatment Plant Name: Number 1 Water Works

- II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF December 1998
 - Type of Residual Disinfectant Maintained in Distribution System Served by Plant:

 Orchlorine dioxide

 Type of Residual Disinfectant Maintained in Distribution System Served by Plant:

 Free chlorine;

 Orchlorine dioxide

	Residual Disinfectant in Distribution System						
Day of the Month	Plant in		inished Disinfectant of Disinf	Residual Disinfectant Concentration at Remote Point (mg/L)	Number of Instances Where Residual Disinfectant Measurements Taken at Total Coliform Sampling Points	Disinfectant Concentration at	Reported Emergency or Abnormal Operating Conditions
1	24	1.561.000	2.2	<u> </u>			
2	24	1,529,000	2.2				<u> </u>
3	24	1,432,000	2.2	<u></u>			
4	24	1,489,000	2.4		<u> </u>		
5	24	1,547,000	2.0	<u> </u>	<u> </u>		l
6	24	1,607,000	2.4	<u> </u>	<u> </u>		
7	24	1,607,000	2.4	<u> </u>			<u> </u>
8	24	1,493,000	2.4		7	0.6	
9	24.	1,424,000	2.2	l	<u> </u>	L	
10	24	1,305,000	2.3	<u> </u>		<u> </u>	
11	24	1,212,000	2.2		1		l
12	24	1,284,000	2.2	<u> </u>	<u> </u>		
:3	24	1,239,000	2.2	<u>i</u>	<u> </u>	1	
14	24	1,239,000	2.2	<u> </u>	<u> </u>		
15	24	822,000	2.2		<u> </u>	<u> </u>	
16	24	839,000	2.5		<u> </u>	<u> </u>	
17	24	933.000	2.3		7	0.5	
18	24	1,160,000	2.3			<u> </u>	
19	24	1,250,000	1.6		<u> </u>		
20	24	1,565,000	2.2	<u> </u>	<u> </u>		
21	24	1,565,000	2.2				
22	24	1,555,000	2.3				
23	24	1,639,000	2.4				
24	24	878,400	2.5				
25	24	878,400	2.5				
26	24	878,200	2.5				
27	24	747,000	2.3				L
28	24	747,000	2.3		6	0.5	
29	24	870,000	2.2				
30	24	687,000	2.2				
31	24	1,014,000	2.3			L	
Total	XXXXXX	279270000	XXXXXXXXXXX		20	XXXXXXXXXX	XXXXXXX
	XXXXXX	~1			XXXXXXXXXXXXX		XXXXXXXX
	XXXXX	1,639,000			XXXXXXXXXXXX		

If at any time the residual disintectant concentration at the entry to the distribution system drops below the equivalent of 9.2 mg/L of free available chlorine, immediately increase the chircine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department of the appropriate ACPHU by wire or telephone within 24 hours pursuant to Aule 62-555-350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chiorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACF/AU by with or telephone within 24 nours pursuant to Nule 62-555-350(3), 7-A-C.

Page 2



Signature and Date

Department of Environmental Protection

Ahernate/Susainuse DEF Form 62-666,510(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

110	ISTRUCTIONS: See Page 5.	
l.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFOR	MATION
	Water System Information: System Name: Florida Public Utilities Company System Owner Name: Florida Public Utilities Company Address: P.O. Box 418, 911 South 8th Street City: Fernandina Beach	PWS Identification No.: 2450364 Telephone No.: 904/261-3663 State: FL Zip Code: 32035
	System Type: Community: O non-transient non-community: O non-community: No. of Service Connections at End of Reporting Month: 6361; Total Populater Treatment Plant Information Treatment Plant Name: Number 2 Water Works	D consecutive lation Served at End of Reporting Month: 11,900 Telephone No.: 904/277-1972
	Address: 2203 Ryan Road	1 elephone No. 904/2/7-1972
	City: Fernandina Beach	State: FL Zip Code: 32035
	Permitted Maximum Day Capacity of Plant: 4.5 gpd; Plant Cate Plant Operators: See Page 3.	pory and Class per Rule 62-699.310(3), F.A.C.: C
Ħ.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH!	EAR OF <u>December 1998</u> : See Page
Ш.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER OF EPICHLOROHYDRIM, AND/OR IRON AND MANGANESE SEQUESTRANT	
۱۷.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR	
	I, the undersigned lead/chief operator of the water treatment plant listed in Part belief, the information provided in this report is true and accurate.	of this form, certify that, to the best of my knowledge and
	Also, I certify that the following additional operations records applicable to this p visited the plant during the reporting month indicated on this report and that these site for not less than five years:	
	 records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source water refluent pH and alkalinity in addition to chemical feed rates); process performance records for sedimentation (e.g., process effluent turbidity and run volumes, head losses, length of filter runs, frequency of backwash, amount backwash rates); 	y and sludge volume produced); 5 color, number of filters in service, filtration rates, unit filter
	 process performance records for lime-soda ash softening (e.g., source water coagulation/flocrulation, sedimentation, and filtration); 	and process effluent hardness in addition to records for
	 process performance records for ion exchange softening (e.g., feed and bypa: process performance records for reverse osmosis (e.g., feed, product, and briturbidity; product pH and conductivity; and brine pH and conductivity); and process performance records for electrodialysis (e.g., polarity, feed temperatu 	ne flows; feed pressure, temperature, pH, conductivity, and
	dissolved solids, dilute flow rate, brine make-up, pressures, and voltslamps).	וכ פווט נטנפו טויזיטויצט זטווטי, פווטטבנו בטווטטבמינוץ פווט נטנפו

Charles H. Shelton 2257
Name and Certificate Number (please type or print)

Page 1

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE 8-200
JACKSONVILLE, FLORIDA 32256-7577

Mouthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

Alleranted			
Allerate/Sunethur	C.E.	frm	67-655,910(3)

system -	1.4.2	Identif	ication	Number:	4	450364	+	
				_				
tratese	nt Ph	one Blac	THE	Marchan	٠,	Water	1 Lorente de	

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF <u>December 1998</u>

Type of Residual Disinfectant Maintained in Distribution System Served by Plant:
 □ free chlorine; □ combined chlorine (chloramine); □ chlorine dioxide

			Lowest Residual	Residua	Disinfectant in Distribu	ution System	Reported
Day o	Plant in . Operation	Ouantity of Finished Water Produced by Plant (gallons)	Disinfectant	Residual Disinfectant	Where Residual Disinfectant Measuroments Taker	Disinfectant Concentration at Total Coliform	Emergency or Abnorma
1	24	2,484,000	2.8				
2	24	2,460,000	2.8				
3	24	2.437.000	2.3	<u> </u>		. I	
4	24	2,405,000	2.7				
5	24	2,384,000	2.0				
6	24	2,374,000	2.7				
7	24	2,374,000	2.7	1			
8	24	2.380.000	2.4	1	7	0.6	
9	24.	2,570,000	2.5	<u> </u>			
10	24	2,247,000	2.4			1	
11	24 1	2.434.000	2.1	1		1	I
12	24	2,305,000	2.1		1	1	i
: 3	24	2,323,500	1.9	<u> </u>		T	i
14	1 24 1	2.323.500	1.9				1
15	24 !	2,122,000	2.2	1	1		1
16	1 24 1	2,208,000	1.5	1			i
17	24	2,229,000	2.0	1	7	0.5	1
18	24	2,261,000	2.2				1
19	24	1,967,000	2.6		1	1	
20	24	2,310,000	1.8	1			1
21	24	2,310,000	1.8			ĺ	i
22	24	2,166,000	2.1	l	1		
23	24	2,270,000	2.0				
24	24	2,084,000	2.0				
25	24	2,085,000	2.0				· · · · · ·
26	24	2,085,000	2.0				
27	24	2,051,000	2.1				
28	24	2,051,000	2.1		6	0.5	
29	24	2,027,000	1.7				
30	24	1,999,000	1.8				
31	24	2,030,000	2.0				
i otal	XXXXXX		XXXXXXXXXXXX		20	xxxxxxxxxx	
Avç.	XXXXXX	2,250,194	XXXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXX
Azx.	XXXXXX	2,570,000 essaual assurectant conce	XXXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXX	XXXXXXX

tree available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuent to Rule 62:555,350/31, F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mo/L of free available chiquine immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and noticy the Department or the appropriate ACTIFU by with or telephone within 24 nours pursuant to Rule 62-555.350(3), F.A.C.



Department of Environmental Protection

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

INSTRUCTIONS: See Page 5.

1.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMAT	ION	
	Water System Information System Name: Florida Public Utilities Company System Owner Name: Florida Public Utilities Company	PWS Identification No.: 2450364 Telephone No.: 904/261-3663	
	Address: P.O. Box 418, 911 South 8th Street		
	City: Fernandina Beach System Type: D community: O non-transient non-community: O non-community: O community	State: FL Zip Code: 32035	
	• No. of Service Connections at End of Reporting Month: 5788; • Total Population		
	Water Treatment Plant Information • Treatment Plant	•	
	Name: Number 1 Water Works	Telephone No.:904/261-3663	
	Address: North 11th Street and Atlantic Avenue		
	City: Fernandina Beach	State: FL Zip Code: 32034	
	Permitted Maximum Day Capacity of Plant: 5.7 gpd; Plant Category a Plant Operators: See Page 3.	and Class per Rule 62-699.310(3), F.A.C.: C	
11.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR	OF January 1997 : See P	age 2
19.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTEPICHLOROHYDRIN, AND/OR INON AND MANGANESE SEQUESTRANT: S.	· ·	ume
۱۷.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR		
	t, the undersigned leadschief operator of the water treatment plant listed in Part I of tibelief, the information provided in this report is true and accurate.	his form, certify that, to the best of my knowledge	ano
	Also, I certify that the following additional operations records applicable to this plant wisited the plant during the reporting month indicated on this report and that these record site for not less than five years:		
	 records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/floccutation (e.g., source water tempe effluent pH and alkalinity in addition to chemical feed rates); process performance records for sedimentation (e.g., process effluent turbidity and color process performance records for filtration (e.g., process effluent turbidity and color 	d sludge volume produced);	
	run volumes, head losses, length of filter runs, frequency of backwash, amount of backwash rates);	backwash water used, duration of backwash, and	16161
	 process performance records for lime-soda ash softening (e.g., source water and p coagulation/flocrulation, sedimentation, and filtration). 	process effluent hardness in addition to records for	
	• process nectormance records for ion exchange softening tell (leed and bypass flo	ws. blend rate, and salt and brine used):	

process performance records for reverse asmosis (e.g., leed, product, and brine flows; feed pressure, temperature, pH, conductivity, and turbidity; product pH and conductivity; and brine pH and conductivity); and

process performance records for electrodialysis (e.g., polarity, feed temperature and total dissolved solids, product conductivity and total dissolved solids, dilute flow rate, brine make-up, pressures, and voltslamps).

	Charles H. Shelton	2257	
Signature and Data	Itame and Certificate Number Iplease typ	oe or print)	

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STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION NORTHEAST DISTRICT 7825 BAYMEADOWS WAY, SUITE B-200 JACKSONVILLE, FLORIDA 32256-7577

outhly !	Operation	Report	for Publi	c Water	Systems	that Use	Ground	Water
and for	Consecut	ive Pub	lic Water	System	s that Tr	eat Their	Water	

~~~~~~~~~~~.	06+	10-	62-655-910131

tem PWS Identification Number: 2450364
atment Plant Name: Number 1 Water Works

SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF __ January 1997

• Type of Residual Disinfectant Maintained in Distribution System Served by Plant. To free chlorine; to combined chilorine (chloramine); O chlorine diaxide

	Lowess Residual		· Residual C	Reported			
Day of the Month	Hours Plant in Operation	Quantity of Finished Water Produced by Plant (gallons)	Disinfectant	Lowest Residual Disinfectant Concentration at Remote Point (rng/L)*	Humber of Instances Vinere Residual Disinfectant Measuroments Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration of Total Coliform Sampling Points [mg/L]*	Emergency or Abnormal Operating Conditions
1	24	1,630,700	2.2				· · · · · · · · · · · · · · · · · · ·
2	24	2,091,900	2.2	· · · · · · · · · · · · · · · · · · ·			
3	24	1,859,500	2.2				
4	24	1,759,300	2.2	<u> </u>			
5	24	1,898,550	2.1				
6	24	1,898,550	2.1				
7	24	1,807,400	2.0				
8	24	1,793,200	2.2				
9	24	1,705,200	2.2				· · · · · · · · · · · · · · · · · · ·
10	24	1,770,500	2.2				
11	24	1,658,800	2.5				
12	24	1,865,350	2.2				
:3	24	1,865,350	2,2				
<del>- [11. ]</del>	24	1,814,200	2.0				
15 1	24	1,653,600	2.0				
16	24	1,575,900	2.0		5	0.4	
17	24	1,802,500	2.4				
15 1	24 1	1,941,900	2.0				
19	24	1,844,600	2.3				
,20	24	1,844,600	2.3				
21	24	1,836,900	2.2	<u> </u>			
22	24	1,808,600	2.1		66	0.4	
23	24	1,876,600	2.2				
24	24	1,856,200	2.2				
25	24	1,836,100	2.2				
26	24	1,802,700	2.2				
27	24	1,802,700	2.2	-			
28	24	1,815,100	2.2		5	0.4	
29	24	1,816,700	2.2				
30	24 1	1,820,200	2.1				
31	24	1,731,200	2.2				
Total	XXXXXX	56,084,600	XXXXXXXXXXXX		10	XXXXXXXXXXX	
Avg.	xxxxxx	1,809,181	XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXX	XXXXXXXX
I.xshi	XXXXXX	2,091,900	XXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXX	XXXXXXXX

If at any time the residual disintectent concentration at the entry to the distribution system crops below the edutvatent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disintectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuent to Rule 62-555.350(3), F.A.C.

Sage 2

If at any time the residual disinfectant concentration in the distribution system props below the occurrent of 0.2 mg/L of free events to chiorine, immediately increase the chlorine dose andro. Iliush appropriate portions of the distribution system until the residual distribution; concentration is at least equivalent to 0.2 molf, or then available chiquing and notify the Department of the appropriate 400Hd by with or telephone within 24 hours pursuant to Rule 62-555-350(3), F.A.C.



Signature and Data

# Department of Environmental Protection

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

STRUCTIONS: See Page 5.			4
GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION	1		
Water System Information  System Owner  System Owner  Florida Public Utilities Company  System Owner  Name: Florida Public Utilities Company	<del></del>		
Address: P.O. Box 418, 911 South 8th Street		707750	72 3003
City: Fernandina Beach	State: FL	Zip Code: _	32035
System Type: & community: O non-transient non-community: O non-community: O consecutive No. of Service Connections at End of Reporting Month: 5788; • Total Population Service	ved at End of Re	porting Month:	11,900
Water Treatment Plant Information	•	-	
• Treatment Plant Name: Number 2 Water Works	_ Telephone No.:	904/26	1-3663
Address: Ryan Road			
			32034
Plant Operators: See Page 3.	ciass per nuie uz	.033.310(3), F	.A.C.: <u>C</u>
SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF	January	1997	: See Page
•		AIDE, POLYI	MER CONTAINING
STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR			
I, the undersigned lead/chief operator of the water treatment plant listed in Part I of this belief, the information provided in this report is true and accurate.	form, certify that,	to the best of	my knowledge and
Also, I certify that the following additional operations records applicable to this plant were visited the plant during the reporting month indicated on this report and that these records we site for not less than five years:	prepared each di vill be maintained	available for re	operator stalled or eview at the plant
effluent pH and alkalinity in addition to chemical feed rates):			slinity and process
<ul> <li>process performance records for filtration (e.g., process effluent turbidity and color, n</li> </ul>	umber of filters in	service, filtra	tion rates,—unit filter backwash, and
	ess elfluent hardn	ess in addition	to records for
<ul> <li>process performance records for ion exchange softening le.g., feed and bypass flows,</li> </ul>	blend rate, and s	all'and brine u	sed);
<ul> <li>process performance records for reverse osmosis (e.g., feed, product, and brine flows.</li> </ul>	; leed pressure, te	emperature, pH	. conductivity, and
<ul> <li>process performance records for electrodialysis (e.g., polarity, feed temperature and to dissolved solids, dilute flow rate, brine make-up, pressures, and voltslamps).</li> </ul>	otal dissolved soli	és, product con	lssot ons ysivisaubn
	Water System Information  System Name: Florida Public Utilities Company  Name: Florida Public Utilities Company  Address: P.O. Box 418, 911 South 8th Street  City: Fernandina Beach  System Type: & community: O non-transient non-community: O non-community: O consect  No. of Service Connections at End of Reporting Month: 5788; Total Population Set  Water Treatment Plant Information  Treatment Plant Information  Treatment Plant Information  Permitted Maximum Day Capacity of Plant: 4.5 gpd; Plant Category and  Plant Operators: See Page 3.  SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF  SULMMARY OF USE, AT WATER TREATMENT PLANT, OF PULYMER CONTAIN  EPICHLOROHYDRIM, ANDIOR IRON AND MANGANESE SEQUESTRANT: See P  STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR  I, the undersigned leadichief operator of the water treatment plant listed in Part I of this obtain, the information provided in this report is true and accurate.  Also, I certify that the following additional operation: records applicable to this plant water wisted the plant during the reporting month indicated on this report and that these records wisted the plant during the reporting month indicated on this report and that these records or records of amounts of chemicals used and chemical feed rates!  Process performance records for coagulation/flocculation (e.g., source water temperature fluent pH and alkalinity in addition to chemical feed rates!  Process performance records for sedimentation (e.g., process effluent turbidity and ske process performance records for filtration (e.g., process effluent turbidity and school, and the process performance records for filtration (e.g., process effluent turbidity and color, not not the part of the plant during fluency and color, not not obtained the plant conductivity and color, not not obtained fluency efficient conductivity and color, not not process performance records for increased as softening (e.g., source water and process performance records for filtration fluency and color, not not proc	Water System Information  System Name: Florida Public Utilities Company  System Name: Florida Public Utilities Company  PWS Identifica  System Owner  Name: Florida Public Utilities Company  Telephone No.:  Address: P.O. Box 418, 911 South 8th Street  City: Fernandina Beach  State: FL  System Type: G community: O non-transient non-community: O non-community: O consecutive  No. of Service Connections at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 5788; *Total Population Served at End of Reporting	Water System Information  System Name: Florida Public Utilities Company  PWS Identification No.: 2  System Owner  Name: Florida Public Utilities Company  Florida Public Utilities Company  Address:  P.O. Box 418, 911 South 8th Street  City: Fernandina Beach  System Type: © Community: O non-transient non-community: O non-community: O consecutive  No. of Service Connections at End of Reporting Month: 5788; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Population Served at End of Reporting Month: 1878; *Total Populati

Page 1

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
HORHEAST DISTRICT
7825 BAYMEADOWS WAY, SHITE B-200
JACKSONVILLE, FLORIDA 32256-7577

Charles H. Shelton

Name and Certificate Number (please type or print)

### touthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

AllematerSubstitute DEP Form 62-655,910(3)

stem PWS Identification Number: 2450364

ealment Plant Name: Number 2 Water Works

• Type of Residual Disinfectant Maintained in Distribution System Served by Plant: 

On tree chlorine; 

combined chlorine (chloramine); 

chlorine dioxide

				· ~ Residual			
Day of the Month	Hours Plant in Operation	Quantity of Finished Water Produced by Plant (pallons)	Lowest Residual Disinfectant Concentration at Entry to Distribution System (mg/L)*	Lowest Residual Disinfectant Concentration at Remote Point Irng/L1*	Humber of Instances Vitere Residual Disinfectant Measuraments Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration at Total Coliform Sampling Points Img/LJ*	Reported Emergency or Abnormal Operating Conditions
1_	24	1.154,200	2.0			1	Ĺ
2	24	1,317,500	2.5	l			<u> </u>
3	24	1,135,700	2.2	<u> </u>			
4	24	1,073,300	2.2				
5	24	1,348,400	2.5	ł	1		
6	24	1,348,400	2.5				
7	24	979,600	2.5				
8	24	1,066,300	2.0	1	1		
9	24	1,062,200	2.5	1	i		
10	1 24	.980,900	2.5	1	i	1	
1.1	24	884,100	2.8		!	1	
; 2	24	1,130,600	2.0		!	!	!
: 3	24	1,130,600	2.0			:	
··-	24 :	1,090,500	2.0	1	:	1	i
15	24	1,214,100	2.0		i	1	1
16	24	1,394,800	2.5	·	5	0.5	1
17	24	1,057,800	2.5		l		!
12	24	1,523,500	2.3		1	1	
15	24	1,716,600	2.5				!
30	24	1,716,600	2.5				
21	24	1,382,100	2.3			·	
22	24	1,293,500	2.3		6	0.4	
23	24	1,191,300	2.3				
24	24	1,208,200	2.1			1	
25	24	926,400	2.2				
25	24	1,061,950	2.2		•		
27	24	1,061,950	2.2	-			
28	24	1,086,700	2.2		5	0.4	
29	24	1,085,200	2.4				
30	24	1,002,700	2.4		1		
31	24	924,700	2.0				
īo;al	XXXXXX	36,550,400	XXXXXXXXXXXX	XXXXXXXXX	16	XXXXXXXXXX	XXXXXXXX
avç.	XXXXXX		XXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXX
.xshi	XXXXXX		XXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXX	XXXXXXXX

If at any time the residual disintectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disintectant concentration is at least equivalent to 0.3 mg/L of free available chlorine and houry the Department or the appropriate ACPHU by wire or telephone within 24 hours bursuant to Rule 62-555,350(3), F.A.C.

If at any time the residual disinfection, concentration in the distribution system crops below the equivalent of 0.2 mg/L of free available childrine, immediately increase the chlorine cose and/or flush appropriate portions of the distribution system until the residual disinfection. Concentration is at least equivalent to 0.2 mg/L of free available childrine and notice the Department or the appropriate ACPHU by with or telephone within 24 news pursuant to finite 62-555-350(3), F.A.C.

Sage 2



#### Department of Environmental Protection

Abernate/Succession DEF Form 62-666.910(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

114	STRUCTIONS: See Page 5.				
I.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION				
	Water System Information  System Name: Florida Public Utilities Company  System Owner Name: Florida Public Utilities Company	PY/S Identifi Telephone H	cation No.: _		
	Address: P.O. Box 418, 911 South 8th Street City: Fernandina Beach	State: FI	Zip Code:	32035	
	System Type:	tive			0
	Water Treatment Plant Information  Treatment Plant Name: Number 1 Water Works Address: North 11th Street and Atlantic Avenue	Telephone No	•	<del>- ,</del>	
	Cuy: Fernandina Beach	State: FL		32034	
	Permitted Maximum Day Capacity of Plant: 5.7 gpd; Plant Category and Cl     Plant Operators: See Page 3.	ass per Rule (	2-699.310(3)	F.A.C.:	С
11.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF	Februa	ry 1997	: Se	e Page 2
111.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAINS EPICHLORGHYDRIN, ANDIOR INON AND MANGANESE SEQUESTRANT: See Page		MIDE, POL	YMER CONT	AMMAG
ſŸ.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR				
	I, the undersigned leadichief operator of the water treatment plant listed in Part I of this following, the information provided in this report is true and accurate.	rm, certify tha	t, to the best	of my knowled	dge and
	Also, I certify that the following additional operations records applicable to this plant were passited the plant during the reporting month indicated on this report and that these records will site, for not less than five years:				
	<ul> <li>records of amounts of chemicals used and chemical feed rates;</li> <li>process performance records for coagulation/flocculation (e.g., source water temperature effluent pH and alkalinity in addition to chemical feed rates);</li> <li>process performance records for sedimentation (e.g., process effluent turbidity and sluding process performance records for filtration (e.g., process effluent turbidity and color, not run volumes, head losses, tength of filter runs, frequency of backwash, amount of back backwash rates);</li> <li>process performance records for lime-soda ash softening (e.g., source water and proces).</li> </ul>	ge volume pro nber of filters wash water u	duced); in service, fil sed, duration	tration rates, w of backwash, a	nic lilter ind
	<ul> <li>process performance records for time-soda ash softening (e.g., source water and process canagulation/florculation, sedimentation, and filtration).</li> <li>process performance records for reverse osmosis (e.g., feed, product, and brine flows; for turbidity; product pH and conductivity; and brine pH and conductivity); and process performance records for electrodialysis (e.g., polarity, feed temperature and lots dissolved solids, dilute flow rate, brine make-up, pressures, and volts/amps).</li> </ul>	lend rate, and leed pressure,	salt and bring temperature,	e used); pH, conductivity	y, and

Charles H. Shelton 2257 traine and Certificate Humber (please type or print)

Signature and Data

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STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION NORTHEAST DISTRICT 7825 BAYMEADOWS WAY, SUFFE B-200 JACKSONVILLE, FLORIDA 32256-7577

outhly Operation Report for	Public W	later Systems	that Use	Ground Water
and for Consecutive Public	Water Sy	stems that Tr	cat Their	Water

N=~10500011100	Off form \$7-655.910131	

stem PVIS Identification	Hamber	_ :	245036	4	 
annen Plant Harre	Number	1	Water	Works	

SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF February 1997.

				- Residual Or		Reported	
Day of - the 'donth	Hours Plant in Operation	Quantity of Finished Water Produced by Mant (pallons)	Lowest Residual Disinfectani Concentration at Entry to Distribution System (mg/L)*	Residual Disinfectant	Where Residual	Lowest Residual Disinfectant Concentration at Total Coliform Sampling Points [mg/L]*	Emergency or Abnormal Operating Conditions
1	24	1,585,900	2.2				
	24	2,009,050	2.1				
3	24	2,009,050	2.1				
4	24	1,846,100	2.1				
5	24	1,829,500	2.1			<del></del>	
6	24	1,881,200	2.1		5	0.4	
<del></del> -	1 24	1,702,900	2.2				
	1 24	1,659,700	3.0				
9	24	1,773,500	2.2				
10	1 24	1,773,500	2.2				
11	1 24	1,707,900	2.1	!		0.4	
12	1 24	2,303,800	2.1				
13	1 24	2,107,300	2.0				
	: 24		1 2.2				
	1 24		2.0	<u> </u>			
16	1 24	1,855,700	2.1	1			
17			1 2.1	1		<u></u>	
	24	1,855,900	2.1	!		<u></u>	
-:3	1 24	1,896,900	2.0	i	6	0.4	
30	1 24		1 2.2	J		<u> </u>	
21	1 24	2,000,700	1 2.5	1			
-22	1 24	1,879,000	2.5	l		!	
23	1 24	1,812,450	2.4			<del> </del>	
- 24	1 24	1,812,450	2.4	·		1	
25	1 24	1,654,700	2.3	ł		<u> </u>	<u> </u>
26	1 24	1,687,800	1 2.2	1		<del></del>	1
27	1 24	1,771,200	2.2	-		1	1
26	1 24	1,942,700	2.2			<del> </del>	<del></del>
29	1 24			1		!	<del>!</del>
30	+	1			<u> </u>	1	<del></del>
31	i	1	1	1			1
	IXXXXXX	51,490,800	XXXXXXXXXXXXXX	XXXXXXXXXXX	16	IXXXXXXXXXXX	1 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
70:41	IXXXXXX		1	INVESTIGATIONS.	CHARRARK XXXXXXXXXX	(DOMESTICAL)	XXXXXXXX
A.VC.				IL CANALANA A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.A.	I Y Y Y Y Y X X X X X X X X X X X	(	1 ~~~~~~

It at any time the residual distriction concentration at the entry to the distribution system group below the education of 0.2 mg/L of free available chloring, immediately increase the chloring dose until the residual districtions concentration is at least equivalent to 0.2 mg/L of free available chloring and notify the Geography of the appropriate ACRED by wife or telephone within 24 hours oursuant to pulle 83.555, 350(2), F.A.C.

If at any ume the residual disinfectant concentration in the distribution tystem drops below the regimaters of 0.2 mg/L of free available. If at any ume the residual disinfectant concentration in the distribution tystem until the residual disinfectant chorne, immediately increase the Clifford pass and/or figure appropriate portions of the cisabilities for the mutil the residual disinfectant concentration is at feature appropriate 4.07 mg/L or under a sample of the 10 mg/L or the Pender mutil or the appropriate 4.07 mg/L or under a sample of the 10 mg/L or the Pender mutil or the appropriate 4.07 mg/L or under a sample of the 10 mg/L or the Pender mutil or the appropriate 4.07 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or under a sample of the 10 mg/L or

Fage 7



Signature and Data

# Department of Environmental Protection

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

151	CTRUCTIONS.	
L.	STRUCTIONS: See Page 5.  GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMAT	TION
t.	Water System Information  System Name: Florida Public Utilities Company  System Owner  Name: Florida Public Utilities Company  Address: P.O. Box 418, 911 South 8th Street  Cuy: Fernandina Beach	PWS Identification No.: 2450364  Telephone No.: 904/261-3663  State: FL Zip Code: 32035
	System Type:	n Served at End of Reporting Month: 11,900
	Water Treatment Plant Information  Treatment Plant	N.
	Name: Number 2 Water Works	Telephone No.: 904/261-3663
	Address: 2203 Ryan Road Cuy: Fernandina Beach	State: FL Zip Code: 32034
	Permitted Maximum Day Capacity of Plant: 4.5 gpd; Plant Category     Plant Operators: See Page 3.	and Class per Rule 62-699.310(3), F.A.C.: C
11.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEA	R OF February 1997 : See Page
1!1.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER COMEPICHLOROHYDRIN, ANDIOR IRON AND MANGANESE SEGUESTRANT: S	
īv.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR	
	I, the undersigned lead/chief operator of the water treatment plant listed in Part I of ceilef, the information provided in this report is true and accurate.	inis form, certify that, to the best of my knowledge an
	Also, I certify that the following additional operations records applicable to this plant visited the plant during the reporting month indicated on this report and that thase recorded for not less than five years:	were prepared each day a certified operator staffed or arcs will be maintained available for review at the plant
	<ul> <li>records of amounts of chemicals used and chemical feed rates;</li> <li>process performance records for coagulation/flocculation (e.g., source water temperfluent pH and alkalinity in addition to chemical feed rates);</li> <li>process performance records for sedimentation (e.g., process effluent turbidity are</li> </ul>	
	<ul> <li>process performance records for filtration (e.g., process effluent turbidity and col run volumes, head losses, length of filter runs, frequency of backwash, amount o backwash rates);</li> </ul>	lor, number of filters in service, filtration rates, unit filte of backwash water used, duration of backwash, and
	<ul> <li>process performance records for lime-soda ash softening (e.g., source water and coagulation/florculation, sedimentation, and filtration).</li> </ul>	
	<ul> <li>process performance records for ion exchange softening (e.g., feed and bypass fl</li> </ul>	lows, blend rate, and salt and brine used);
	<ul> <li>process performance records for reverse osmosis (e.g., feed, product, and brine furbidity; product pH and conductivity; and brine pH and conductivity); and</li> </ul>	nows, reed pressure, remperature, pH, conductivity, and
	<ul> <li>process performance records for electrodialysis (e.g., palarity, leed temperature a dissolved solids, dilute flow rate, brine make-up, pressures, and volts/amps).</li> </ul>	and total dissolved solids, product conductivity and total

Page 1

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SHITE 0-200
JACKSONVILLE, FLORIDA 32256-7577

Charles H. Shelton

Name and Certificate Number (please type or print)

2257

Aouthly	Operation	Report	for Pu	olic Wa	ter Syste	ms tha	l Use	Ground	Water
and lo	r Consecut	ive Publ	ic Wa	er Syst	ems that	Treat	Their	Water	

41-~10Cm11110	0(*1~~	47.455.910131

2164	P.A.2	Identification	Humb	₽ſ,	2			24_

realment Plant Name: Number 2 Water Works

SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF ____ February 1997

[.] Type of Residual Disinfectant Maintained in Distribution System Served by Plant. & free chlorine, O combined chilorine (chloramine); D chlorine diazide

	ay of Hoyrs the Plant in Operation (pallons) Plant Entry to District System (me			· - Residual C	Disintectant in Distributi	on System	Reported
Day of the Month			Lowest Residual Distribution is Entry to Distribution System (ring/L)*	Lowest Residual Disinfectant Concentration a: flemote Point (rng/L)*	Humber of Instances Where Residual Disinfectant Ineasuroments Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration at Total Coliform Sampling Points (mg/L)f	Emergency or Abnormal Operating Conditions
1	24	928,700	2.0				
2	24	1,207,250	1.8				
3	24	1,207,250	1.8				
4	24	1,142,800	1.6				
5	24	1,165,500	2.2			,	
6	24	1,277,000	2.2		5	0.4	
7	24	1,087,500	2.3			1	
s	24	934,800	2.0		·		
9	24	1,103,200	2.1				
10	1 24	1,103,200	2.1			<u> </u>	
11	24	1.045,000	1.8				
12	1 24	1,071,900	1.9		5	0.4	
: 3	1 24	1,161,700	2.3				
	: 24	1,025,700	2,5			!i	
15		942,400	2.2			<u> </u>	
16	1 24	1,017,800	1.8	1		!	
17	! 24	1,017,800	1.8			<u> </u>	
12	1 24	1,018,200	1.8				
19	24		2.2		6	0.4	<u> </u>
30	1 24	1,150,300	2.2				
21	24	1,142,800	2,5		<u> </u>		
22	1 24	1,166,900	2.5		<u></u>		ļ
23	24	985,000	2.4				
24	24	985,000	2.4			<u> </u>	
25	24	1,016,700	2.4			<u> </u>	<u></u>
26	24	971,700	2.4		•	1	
27	24	994,500	2.1			L	
28	24	1,138,700	2.2			!	
29						<u> </u>	
30							
31	1						
Total	XXXXXX		XXXXXXXXXXXXX		16	XXXXXXXXXXX	
	XXXXXX	1.078.171	XXXXXXXXXXXX	KKKKKKKKKK	ZZZZZZZZZZZZZZ	XXXXXXXXXXX	XXXXXXXX
	KKKKKK	1,277,000	XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXX	XXXXXXX

It at any time the residual disintectant concentration at the entry to the distribution system drops below the endivatent of 0.2 mig/L of free available chloring, immediately increase the citiesing dose until the residual disintectant concentration is at least educatent to 0.2. mg/L of free available chlorine and notify the Department of the appropriate ACPHU by wire or telephone within 24 hours oursuant to Rule 62-555.350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drons below the equivalent of 0.2 mg/L of free exeriscie. chome, immediately increase the chorum dose and or flush appropriate portions of the catholitich system until the residual disinfectable concentration is at least equivalent to 0.2 mg. 1 mg. available chorum and the Dispersion of the Dispersion of the appropriate 40 mg. 1 mg. 2 mg. 2 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg. 3 mg.



## Department of Environmental Protection

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

INSTRUCTIONS: See Page 5. 1. GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION Water System Information PWS Identification No.: 2450364 System Name: Florida Public Utilities Company System Dwner Name: Florida Public Utilities Company Telephone He.: 904/261-3663 Address: P.U. Do. Fernandina Beach P.O. Box 418, 911 South 8th Street State: FL Zip Code: • System Type: ™ community; □ non-transient.non-community; □ non-community; □ consecutive • No. of Service Connections at End of Reporting Month: 5,819; • Total Population Served at End of Reporting Month: 11,900 111 Water Treatment Plant Information • Treatment Plant Number 1 Water Works Telephone No.: 904/261-3663 Address: North 11th Street and Atlantic Avenue FL Zip Code: 32034 City: Fernandina Beach State: · Permitted Maximum Day Capacity of Plant: gpd; Plant Category and Class per Rule 62-699.310(3), F.A.C.: · Plant Operators: See Page 3. H. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF ____ March 1997 19. SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAINING ACRYLAMIDE, POLYMER CONTAINING EPICHLOROHYDRIN, ANDIOR IRON AND MANGANESE SEQUEDTRANT: See Page 4. IV. STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR I, the undersigned leadicined operator of the water treatment plant listed in Part I of this form, certify that, to the best of my knowledge and ceitef, the information provided in this report is true and accurate. Also, I certify that the following additional operations records applicable to this plant wate prepared each day a certified operator staffed or visited the plant during the reporting month indicated on this report and that these records will be maintained available for review at the plant site for not less than five years: records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source water temperature, pH, turbidity, color, and alkalinity and process efficient pH and alkalimity in addition to chemical feed rates); process performance records for sedimentation le.g., process effluent turbidity and sludge volume produced); process performance records for filtration (e.g., process effluent turbidity and color, number of filters in service, filtration rates, unit filter run volumes, head losses, length of filter runs, frequency of backwash, amount of backwash water used, duration of backwash, and backwash rates! process performance records for lime-soda ash softening leight source water and process effluent hardness in addition to records for coagulatinafflorculation, sedimentation, and filtration), process performance records for ion exchange softening (e.g., feed and bypess flows, blend rate, and salt and brine used);

 process performance records for reverse osmosis (e.g., feed, product, and brine flows; feed pressure, temperature, pH, conductivity, and turbidity; product pH and conductivity; and brine pH and conductivity); and

process performance records for electrodialysis (e.g., polarity, feed temperature and total dissolved solids, product conductivity and total dissolved solids, dilute flow rate, brine make up, pressures, and volts/amps)

	Charles H. Shelton	2257
Signature and Date	hame and Cermicate Humber (please type i	or print)

STATE OF FLORINA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMLADOWS WAY, SHITE D-240
TACKSONVIELL, FLORIDA 32256-7577

outhly	Operation	Report	for Publi	c Water	Systems	that U	se Ground	Water
and fo	r Consecut	ive Publ	is Water	System	s that Tr	eat The	eir Water	

NI-NIOS COMMON	0444	62.655	910131
~, = 10.17, 04, 111,04	D6		3.0.3.

stem PV/S Identification	Number	2450364
ealment Phani Name 🔝	Number 1	Water Works

SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHMEAR OF ____March 1997

• Type of Residual Disinfectant Maintained in Distribution System Served by Plant | 82 free chlorine, 12 combined chilorine (chloriamine); | □ chlorine dioxide

				· + Residual	Omntesiani in Omitibui	ion System	
Day of the	Hours Plant in Operation		Lowert Residual Distribution at Entry to Distribution System (ring/L)*	Lowest Residual Disinfectant Cuncentration at Remote Point Imp/L1*	Humber of Instances Where Residual Disinfectant Ineasurements Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration at Total Coliform Sampling Points Imp/L1*	Reported Emergency or Abnormal Operating Conditions
1	24	2,826,300	2.0	!			
2	24	1,417,600	2.2	<u> </u>			
3	24	1,417,600	2.2	<u> </u>	<u> </u>		
4	24	1,961,800	2.1	<u> </u>	<u> </u>		
5	24	1,993,400	2.2	<u> </u>	5	0.4	
G	24	1,965,400	2.2	l	<u> </u>		
7	24	1,930,100	2.2	<u> </u>	<u> </u>		
ε	24	2,083,100	2.0	1	<u> </u>	<u> </u>	
ş	1 24	1,929,950	2.1	l	<u></u>		
10	1 24	1,929,950	2.1		<u> </u>	<u> </u>	<u>'                                      </u>
1;	24	1,961,200	2.2	t	! 	·	
12	1 24	1,985,300	2.Q	:	<u>'</u>	0.4	
: 3	24	1,979,300	2.0	·			
	: 24	2,015,600	2.1				
15	24	1,681,100	2.2	·	· ·	<u> </u>	
15	i 24	2,185,450	2.0	<u> </u>	<u> </u>	<u> </u>	
17	24	2,185,450	2.0	:	<u> </u>	·	  - <del></del>
17	: 24	2,102,200	1.6		! 	·	<u> </u>
15	24 1	1,965,300	2.1	<u>i                                      </u>	<u> </u>		<u> </u>
20	24	2,110,100	2.0		<u> </u>	!i	<u> </u>
21	24	2,010,500	2.3	:	!		
7.2	24	1,777,800	2.0	[	<u> </u>	1	
23	24	2,116,300	1.6	<u>!</u>			
24	24	2,116,300	1.6	<u> </u>	6	0.4	
25	24	2,035,000	2.1	<u></u>	<u></u>		
25	24	1,789,000	1.9	<u> </u>		<u> </u>	
27	24	1,946,600	2.1			<u> </u>	
28	24	2,038,300	2.0		<u> </u>		
29	24	2,001,800	2.0		<u> </u>	<u></u> _	
30	24	1,988,800	2.2			1	
31	24	1,988,800	2.2				<u> </u>
io;al	XXXXXX	61,435,400	ARKKKKKKKKENK	ŽXXXXXXXXXX	16	XXXXXXXXXXX	XXXXXXXXX
Avg.	XXXXXX	1.981.787			XXXXXXXXXXXXXX		
	KKKKKK	2,826,300	KKKKKKKKKKKKK	XXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXX	MCCCMCCC

If it is any time the residual disintectant concentration at the entiry to the distinution system drops below the edukatent of 0.2 mg.C of the available chlorine, immediately interest the chiquid distributed distributed distributed to 0.3 mg/C of free available chlorine and only the Chaptrianni Cotth submarks ACPHO II, while or temptions within 24 hours bursue? II full 62-555-350(3), F.A.C.

1000

note exists a solution of C.

If at one until the residual princectary content of the account in content of the existing of the existing of the existing content of the existing content of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of the existing of th



## Department of Environmental Protection

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

INSTRUCTIONS: See Page 5. I. GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION Water System Information Florida Public Utilities Company PV/S Identification No.: 2450364 System Name: System Owner Name: Florida Public Utilities Company Telephone No.: 904/261-3663 Address: P.O. Box 418, 911 South 8th Street Cny: Fernandina Beach State: FL Zip Code: 32035 • System Type: 8 community: O non-transient non-community: O non-community: O consecutive •No. of Service Connections at End of Reporting Month: 5819 : •Total Population Served at End of Reporting Month: 11,900 Water Treatment Plant Information · Treatment Plant Number 2 Water Works Telephone No.: 904/261-3663 Address: 2203 Ryan Road 32034 Cuy: Fernandina Beach State: <u>FL</u> Zip Code: 4.5 gpd. Plani Category and Class per Rule 62-699.310(3), F.A.C.: Permitted Maximum Day Capacity of Plant · Plant Operators: See Page 3. HE SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF March 1997 THE SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAINING ACRYLAMIDE, POLYMER CONTAINING EPICHLOROHYDRIM, ANDIOR IROW AND MANGAMESE SECUESTRANT: Siz Page 4. IV. STATEMENT BY LEADICHIEF WATER TREATMENT PLANT CRERATOR I, the undersigned leadschief operator of the water treatment prant listed in Part I of this form, certify that, to the best of my knowledge and nemed the information provided to this recall is true and accurate. Also, I certify that the following additional operations records applicable to this plant were prepared each day a certified operator staffed or visited the plant curing the reporting month indicated on this report and that these records will be maintained available for review at the plant site for not less than five years: records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source water temperature, pH, turbidity, color, and alkalimity and process effluent pH and alkalinity in addition to chemical feed rates); process performance records for sedimentation (e.g., process effluent turbidity and sludge volume produced); process performance records for filtration (e.g., process effluent turbidity and color, number of filters in service, filtration rates, unit filter run volumes, head losses, length of filter runs, frequency of backwash, amount of backwash water used, duration of backwash, and backwash rates!; process performance records for lime sode ash softening by g., source water and process effluent hardness in addition to records for coagulatinafflorculation, sedimentation, and filtrations. process performance records for ion exchange softening le.g., feed and bypass flows, blend rate, and salt and brine used);

 process performance records for reverse asmosis (e.g., feed, product, and brine flows; feed pressure, temperature, pH, conductivity, and turbidity; product pH and conductivity; and brine pH and conductivity); and

 process performance records for electrodialysis (e.g., polarity, feed temperature and total dissolved solids, product conductivity and total dissolved solids, dilute floor rate, brine make up, pressures, feed volts/amps)

Charles H. Shelton 2257
Signature and Date September (please type or print)

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
HORIBEACT SESTINGT
7825 BAYMLAGOUS WAY, CHIEF B 240
HACKSONVILLE, FLORIDA 32256-7577

Southly Ope	ration Rep	port for	Public	Water S	System	s that	Üse	${\sf Ground}$	Water
and for Co	nsecutive	Public	Water	Systems	that	Treat '	Their	Water	

Allemie/Suprimus 06+1 mm 62.555.910131

rstem P	MS Identification	Number:	2450364			 
eatown)	Flam Name	Number	1 Water	Works	,	

SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHMEAR OF March 1997

• Type of Residual Disinfectant Maintained in Distribution System Served by Plant. & free chiston. O commised chlorine (chloriamine), in chlorine dioxide.

				- • (Gradical)	ion System	Reported	
	Hours Plant in Operation	Quantity of Finished Water Produced by Plant (gallons)	Lowert Regular' Discutestant Consensation at Entry to Distribution System (mar2)*	Lowest Residual Usinfectant Concontration at flemote Font ImpA!	Number of Instances Vitere Residual Disinfectant Leeasurements Taken at Total Coldorn Sampling Points	Lowest Residual Discribectant Concentration at Total Coliforn Sampling Points [mg/L]	Reported Emergency or Abnormal Operating Conditions
_ '	24	2,048,000	2.0				
2	24	1,135,900	2.1				ļ
3	24	1,135,900	2.1		<u> </u>		
4 ;	24	1,421,800	2.0		!		
5	24	1,640,500	2.0	!	!5	0.4	
6	24	1,643,200	1.6				
7	24	1,463,400	1.6				<u></u>
s	24	1,385,500	2.0				<u> </u>
S	24	1,879,150	1.5			<u> </u>	<u> </u>
10	24	1,879,150	1.5				ļ
11	24	1,768,000	1.5				·
12 1	24	1.865.500	1,5			0.4	
.3 !	24	1,819,300	1.5				
	24	1,243,800	2.1				i
	24	946,600	2.2			<u> </u>	·
·5 ;	24	1,483,500	2.0				
17 !	24	1,483,500	2.0		<u> </u>	·	· · · · · · · · · · · · · · · · · · ·
17 ;	24	1,696,200	2.0		·	<u>:</u>	
:5 !	24	1,047,000	2.3 i		<u> </u>	i	
20	24	1,369,300	2.3 i		!	l	
21 [	24	1,161,900	2.2				
23	24	1,160,000	2.5				
23	24	1,520,950	2.5				
24	24	1,520,950	2.5 i		6	0.4	
25	24	1,288,900	2.1				
26	24	1,052,900	1.8		•		
27	24	1,129,200	2.2				
26	24	1,356,600	2.1				
29	24	1,323,100	2.0				
30	24	1,449,800	2.0				
31	24	1,449,800	2.0				
Total	XXXXXX	44,769,300	XXXXXXXXXXXXXX	XXXXXXXXXX	16	XXXXXXXXXXX	XXXXXXXX
Avg.  2	XXXXXX	1,444,171	MAXXXXXXXXXXX	REMARKS	XXXXXXXXXXXXXXX	XXXXXXXXXXX	KKKKKKKK
Maz.	XXXXXX		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXX	ZZZZZZZZZZZZZZ	XXXXXXXXXX	RECEIVED

It is any time the residual distintestant concentration of the entire to the distinution system drops below the education of 0.2 mg/L of free available chloring, immediately increase the chipmen upon until the residual distributions concentration is at least equivalent to 0.3 mg/L of free available chloring and nouty the Department of the appropriate ACSHU by wise or tolephone within 24 hours bursuent in Rule 62:555, 350(3), 7,4, C.

If all any time the residual distintection conservation in the distinuition of constraint of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive of the explosive o

#### Department of Environmental Protection

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN	NSTRUCTIONS: See Page 5.		
۱.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMA	TION	
	Water System Information System Name: Florida Public Utilities Company	PWS Identifica	ion No.: <u>2450364</u>
	System Owner     Name: Florida Public Utilities Company	Telephone No.:	904/261-3663
	Address: P.O. Box 418, 911 South 8th Street  City: Fernandina Beach,	State: _FL_	Zip Code: _32035
	• System Type:   ☐ community: ☐ non-transient non-community: ☐ non-community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ community: ☐ co	onsecutive in Served at End of Rep	orting Month: 11,900
	Water Treatment Plant Information  Treatment Plant		
	Name: Number 1 Water Works  Address: North 11th Street and Atlantic Avenue	Telephone No.:	904/261-3663
	City: Fernandina Beach,	State: FT. and Class per Rule 62	Zip Code: 32.034 699.310(3), F.A.C.: C
n.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEA	R OFApril	1997 : See Page
1!1.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER COMEPICHLORGHYDRIN, ANDIOR IRON AND MANGANESE SEQUESTRANT:		IDE, POLYMER CONTAININ
₩.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR		
	$\boldsymbol{t}$ , the undersigned leadschief operator of the water treatment plant listed in Part I of belief, the information provided in this report is true and accurate.	this form, certify that,	to the best of my knowledge and
	Also, I certify that the following additional operations records applicable to this plant visited the plant during the reporting month indicated on this report and that these reco-site for not less than five years:	were prepared each da ords will be maintained a	y a certified operator staffed cr evailable for review at the plant
	<ul> <li>records of amounts of chemicals used and chemical feed rates;</li> <li>process performance records for coagulation/floculation (e.g., source water temperature of the performance records for coagulation/floculation (e.g., source water temperature);</li> </ul>	perature, pH, turbidity,	color, and alkalinity and process
	<ul> <li>process performance records for sedimentation (e.g., process elfluent turbidity at         <ul> <li>process performance records for filtration (e.g., process elfluent turbidity and co             run volumes, head losses, length of litter runs, frequency of backwash, amount of             backwash rates);</li> </ul> </li> </ul>	lor, number of filters in	service, filtration rates, unit filter
	<ul> <li>process performance records for time-soda ash softening (e.g., source water and coagulation/flocrylation, sedimentation, and filtration),</li> </ul>	process effluent hardne	ess in addition to records for
	<ul> <li>process performance records for ion exchange softening (e.g., feed and bypass file)</li> <li>process performance records for reverse osmosis (e.g., feed, product, and brine feed)</li> </ul>	lows, blend rate, and sa flows; feed pressure, te	nt and brine used); imperature, pH, conductivity, and
	<ul> <li>turbidity: product pH and conductivity; and brine pH and conductivity); and</li> <li>process performance records for electrodialysis (e.g., polarity, feed temperature addissolved solids, dilute flow rate, brine make-up, pressures, and volts/amps).</li> </ul>	and total dissolved solid	s, product conductivity and total
		harlan U. Shal	2257

fage 1

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION HORTHEAST DISTRICT 7825 BAYMEADOWS WAY, SUITE 6-200 JACKSONVILLE, FLORIDA 32256-7577

Hame and Certificate Number (please type or print)

Signature and Data

Mouthly	Operation	Report	for Pu	blic	Water :	Systems	that	Üse	Ground	Water
and fo	r Consecut	ive Publ	lic Wa	ter S	systems	that Ti	rat '	Their	Water	

Allerate/Suprimus	OEP Form 62-655,910(3)
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2450364

realment Plant Name;

Number | Water Works

I SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF

Λpril 1997

• Type of Residual Disinfectant Maintained in Distribution System Served by Plant: & free chlorine; O combined childrine (chloramine), O chlorine dioxide

			Lawret Basidual	· ~ Nesidual I	Disinfectant in Distribut	ion System	Reported
Day of _ the _Month	Hours Plant in . Operation	Quantity of Finished Water Produced by Plant (gallons)	Lowest Residual Disinlectant Concentration at Entry to Distribution System (mg/L)*	Lowest Residual Disinfectant Concentration at Remote Point (mg/L)*	Humber of Instances Where Residual Disinfectant Measurements Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration at Total Colliorm Sampling Points (mg/L) ¹	Emergency or Abnormal Operating Conditions
1	24	2,015,700	1.9				
2	24	1,995,300	1.9				
3	24	1,990,100	1.6				
4	24	1,981,200	2.5		1		
5	1 24	1,881,400	2.0		1	1	
6	24	2.019.550	2.1				
7	24	_2.019.550	2.1				
8	24	2,051,000	1.8		i ·		
9	24	1,893,000	1.8	l	5	0.4	
10	24	1,970,300	1.8	1	i	1	
11	1 24	1.961.700	1.8	1	!	l	
; 2	24	1.789.700	2.5	l	!	!	
: 3	1 24	2,074,600	1.7	:	•	<b>:</b>	
14.	24	2,074,600	1 1.7	!	<u>:</u>	1	
i 5	24	1,934,500	2.2		i	l	
16	24	1,842,400	2.2	l	1	1	
17	24	1,984,700	1.8	l	1 5	0.4	
18	24	2,160,800	1.4		1	1	
15	24	3,163,400	1.5			l	
, 20	24	1,926,400	1.5				
21	24	1,926,400	1.8		1	Į .	
22	24	2,355,200	1.8		6	0.4	
23	24	2,020,100	2.4		1	l	
24	24	1,872,600	2.5			1	
25	24	1,990,200	2.1			1	
26	24	1,977,400	2.0				
27	24	1,907,850	2.0	-			_
28	24	1,907,850	2.0				
29	24	1,785,100	1.8				
30	24	1,901,200	1.6				
31							
Total	XXXXXX	60,373,800	XXXXXXXXXXXX	XXXXXXXXXX	16	XXXXXXXXXXX	XXXXXXXX
Avc.	XXXXXX	2,012,460		•	XXXXXXXXXXXXXX	XXXXXXXXXXX	XXXXXXXX
	XXXXXX	3,163,400			XXXXXXXXXXXXX	<u> </u>	

If at any time the residual disinfectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-655, 350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system crops below the equivalent of 0.2 mg/L of free available chiorine, immediately increase the chiorine agree and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chipping and notify the Department or the appropriate 4CEHU by years of telephone within 24 nears pursuant to Rule 62,555,350(3), 8.A.C.



Signature and Data

# Department of Environmental Protection

Anunaiar Summinus DEP form 62-865.310(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN	STRUCTIONS: See Page 5.
l.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION
	Water System Information  System Name: Florida Public Utilities Company PWS Identification No.: 2450364
	System Owner     Name: Florida Public Utilities Company Telephone Ho.:
	Address: P.O. Box 418, 911 South 8th Street  City: Fernanding Reach State: FT Zip Code: 32035
	City: Fernandina Beach State: FT. Zip Code: 32035  System Type: © community: O non-transient non-community: O non-community: Consecutive
	• No. of Service Connections at End of Reporting Month: 5,917: • Total Population Served at End of Reporting Month: 11,900
	Water Treatment Plant Information
	• Treatment Plant
	Name: Number 2 Water Works Telephone No.: 904/261-3663
	Address: 2203 Ryan Road  City: Fernandina Beach State: FL Zip Code: 32034
	Permitted Maximum Day Capacity of Plant: 4.5 gpd; Plant Category and Class per Rule 62-699.310(3), F.A.C.: C     Plant Operators: See Page 3.
Ί.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF April 1997 : See Page
!1.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAINING ACRYLAMIDE, POLYMER CONTAINING EPICHLORGHYDRIN, ANDIOR IRON AND MANGANESE SEQUESTRANT: See Page 4.
٧.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR
	t, the undersigned leadschief operator of the water treatment plant listed in Part I of this form, certify that, to the best of my knowledge and belief, the information provided in this report is true and accurate.
	Also, I certify that the following additional operations records applicable to this plant were prepared each day a certified operator staffed or visited the plant during the reporting month indicated on this report and that these records will be maintained available for review at the plant site for not less than five years:
	<ul> <li>records of amounts of chemicals used and chemical feed rates;</li> <li>process performance records for coagulation/flocculation (e.g., source water temperature, pH, turbidity, color, and alkalinity and process effluent pH and alkalinity in addition to chemical feed rates);</li> <li>process performance records for sedimentation (e.g., process effluent turbidity and sludge volume produced);</li> <li>process performance records for filtration (e.g., process effluent turbidity and color, number of filters in service, filtration rates, unit filter</li> </ul>
	run volumes, head losses, length of litter runs, frequency of backwash, amount of backwash water used, duration of backwash, and backwash rates!:
	<ul> <li>process performance records for lime-soda ash softening (e.g., source water and process effluent hardness in addition to records for coagulation/flocculation, sedimentation, and filtration).</li> </ul>
	<ul> <li>process performance records for ion exchange softening (e.g., feed and bypass flows, blend rate, and salt and brine used);</li> <li>process performance records for reverse osmosis (e.g., feed, product, and brine flows; feed pressure, temperature, pH, conductivity, and turbidity; product pH and conductivity; and brine pH and conductivity); and</li> </ul>
	<ul> <li>process performance records for electrodialysis (e.g., polarity, feed temperature and total dissolved solids, product conductivity and total dissolved solids, dilute flow rate, brine make-up, pressures, and voltstamps).</li> </ul>
	Charles H. Shelton 2257

Fage 1

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
HORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE 6-200
JACKSONVILLE, FLORIDA 32256-7577

Hame and Certificate Number (please type or print)

Monthly Operat	tion Report to	r Public Wa	iter Systems	that Use	Ground Wat	er
and for Cons	ecutive Public	Water Sys	tems that T	reat Their	Water	

Anemata/Substitute DEP Form 67-655,910(3)

. . . .

ystem PY/S Identification	Number:	- 2	24 5036	4		
realment Plant Name:						
	Number					

■ Type of Residual Disinfectant Maintained in Distribution System Served by Plant: Gefree chlorine; □ combined chlorine (chloramine); □ chlorine dioxide

				- Residual	Disinfectant in Distribut	ion System	
Day of the	Plant in	Quantity of Finished Water Produced by Plant (pallons)	Lawest Residual Distinlectant Concentration st Entry to Distribution System (mg/L)*	Lowest Residual Disinfectant Concentration at Remote Point (mg/L)*	Humber of Instances Where Residual Disinfectant Measuroments Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration at Total Collform Sampling Points (mg/L)*	Reported Emergency or Abnormal Operating Conditions
1	24	1.409.200	2.1		1		<u> </u>
2	24	1,514,200	1.9				
3	24	1,579,600	2.0				
4	24	1,596,400	2.0		1		
5	24	1,765,400	2.0		1		
6	24	1,659,800	1.8				
7	24	1,659,800	1.8		1		<u> </u>
8	24	1,532,200	2.0		1		
9	24 1	1,544,900	2.0	l	5	0.4	
10	24	1,777,600	1.6	l	i		
11	24 1	1,403,100	2.0	1	!		
12	1 24 1	1,269,100	2.2	i	!		!
: 3	1 24	1,722,250			•	!	<u> </u>
14.	: 24 ;	1,722,250		·	<del>:</del>	l	<u> </u>
15	1 24 !	1,071,900		<u> </u>	<u>i</u>	<u> </u>	<u> </u>
16	24	1,137,600	2.2	<u> </u>	<u> </u>		!
17	24 1	1.280.800	2.0		5	0.4	
15	24 1	1.340.700	2.2		<u> </u>		
19	24	2,135,000	2.4		1		
20	1 24 1	1,363,050	1.4		<u> </u>		<u> </u>
721	1 24 1	1,363,050	1.4				
22	24	1.624.900	2.0		1 6	0.4	
23	24	1,451,100	2.5				
24	24	1,034,900	2.4				
25	24	1,198,300	2.5				
26	- 24	1,324,800	2.5				
27	24	899,100	2.2	-			
26	24	899,100	2.2				
29	24	820,600	2.4				
30	24	856,700	2.2				
31							
Total	XXXXXX	41,957,400	XXXXXXXXXXXX	XXXXXXXXXX	16	XXXXXXXXXX	XXXXXXXX
Avg.	XXXXXX		XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXX	XXXXXXXX
IARX.	XXXXXX		IXXXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXX

If at any time the residual disintectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disintectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555, 350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the occuratent of 0.2 mg/L of free evaluate Chlorine, immediately increase the chlorine dose and/or fluori appropriate portions of the distribution system until the residual distribution concentration is at feast equivalent to 0.2 mg/L of free evaluable chlorine and notify the Department or the appropriate 40740 by write or telephone within 24 news pursuant to Rule 62-555-250(3), 7-4 C.

Face 2



#### Department of Environmental Protection

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN.	STRUCTIONS: See Page 5.								
1.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMA	ATION							
	Water System Information  System Name: Florida Public Utilities Company  System Owner	PWS Identifica	tion No.: _	2450364					
	Name: Florida Public Utilities Company Address: P.O. Box 418, 911 South 8th Street	Telephone Ho.:	_904/2	61-3663					
	Civ: Fernandina Beach	State: FL	Zip Code:	32035					
	System Type:	consecutive ion Served at End of Rep	orting Mant	h: 11,900					
	Water Treatment Plant Information  Treatment Plant	:							
	Name: Number 1 Water Works	Telephone No.:	904/2	61-3663					
	Address: North 11th Street and Atlantic Avenue City: Fernandina Beach	State: FL	Zip Code:	32034					
	***	y and Class per Rule 62							
	Plant Operators: See Page 3.								
11.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYE	AR OF May 199	97	: See Page					
111.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CO EPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT:		NDE, POLY	MER CONTAININ					
ı٧.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR								
	I, the undersigned lead/chief operator of the water treatment plant listed in Part I o belief, the information provided in this report is true and accurate.	of this form, certify that,	to the best	of my knowledge and					
	Also, I certify that the following additional operations records applicable to this plan visited the plant during the reporting month indicated on this report and that these receive for not less than five years:	nt were prepared each da cords will be maintained	svailable for	operator stalled or review at the plant					
	<ul> <li>records of amounts of chemicals used and chemical feed rates;</li> <li>process performance records for coagulation/flocculation (e.g., source water ter</li> </ul>	moerature, o.H. turbidity.	color, and a	Ikalinity and process					
	effluent pH and alkalinity in addition to chemical feed rates);								
	<ul> <li>process performance records for sedimentation (e.g., process effluent turbidity and studge volume produced);</li> </ul>								
	<ul> <li>process performance records for filtration (e.g., process effluent turbidity and c run volumes, head losses, length of filter runs, frequency of backwash, amount backwash rates!:</li> </ul>	color, number of filters in of backwash water use	service, filt d, duration (	ration rates, runit life of backwash, and					
	<ul> <li>process performance records for time-soda ash softening le.g., source water an coagulatinn/flocrulation, sedimentation, and filtration).</li> </ul>	d process ellluent hardn	ess in additi	on to records for					
	<ul> <li>process performance records for ion exchange softening (e.g., feed and bypass)</li> </ul>	flows, blend rate, and s	all' and brine	used);					
	<ul> <li>process performance records for reverse osmosis (e.g., feed, product, and brine flows; feed pressure, temperature, pH, conductivity; and turbidity; product pH and conductivity; and brine pH and conductivity); and</li> </ul>								
	<ul> <li>process performance records for electrodialysis (e.g., palarity, feed temperature dissolved solids, dilute flow rate, brine make-up, pressures, and volts/amps).</li> </ul>	and total dissolved solid	is, product c	lesos bns ysivissubno					
		rles H. Sheltor		2257 .					
	Signature and Data Hame a	and Certificate Number to	piease type i	or print)					

haye 1

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION NORTHEAST DISTRICT 7825 BAYMEADOWS WAY, SUITE B-200 JACKSONVILLE, FLORIDA 32256-7577

### Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

N=~10/500111101	06.	 42.455 910(3)

System PWS Identification	Number:	:	<u> 245036</u>	4		
Treatment Plant Name;	Number	1	Water	Works	,	

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF ____May_1997

• Type of Residual Disinfectant Maintained in Distribution System Served by Plant. Ø tree chlorine; © combined chlorine (chloramine); © chlorine dioxide

				Residual Disinfectant in Distribution System		ion System	
Day of the Month	Plant in	Quantity of Finished Water Produced by Plant (gallons)	Lowest Residual Disinfectant Concentration at Entry to Distribution System (mg/L)*	Lowest Residual Disinfectant Concentration at Remote Point (rng/L)*	Number of Instances Where Residuel Disinfectant Measuroments Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration at Total Coliform Sampling Points (mg/L)*	Reported Emergency or Abnormal Operating Conditions
1	24	1,760,900	2.4				
2	24	2,301,000	2.5				
3	24	2,032,300	2.2				
4	24	2,342,250	2.0				
5	24	2,342,250	2.5	1	1		
6	24	2,200,700	2.0				
7	24	2,410,300	2.0		5	0.4	
8	24	2,310,100	2.0				
9	24	2,366,600	2.0	1			
10	24	2,539,900	2.0		i		
11	24	2,436,500	2.0		!		
12	24	2,436,500	2.0		!	1	
: 3	24	1,878,900	2.1				
14-	24	1,969,100	2.0			1	
15	24	2,100,000	2.0		55	0.25	
16	24 1	2,382,900	2.1		1		
17	24	2,234,200	2.0				
18	24	1,909,200	2.0		[		
19	24	1,909,200	2.0				
20	24	1,984,200	1.9				
21	24	2,162,700	1.8				
22	24	2,144,200	2.0				
23	24	2,252,200	1.6				
24	24	1,918,400	2.5				
25	24	2,092,400	2.5				
26	24	2,092,400	2.5				
27	24	2,092,600	2.5				
28	24	1,929,000	2.5		6	0.4	
29	24	1,936,800	2.5				
30	24	2,037,100	2.5				
31	24	1,929,200	2.5				
Total	XXXXXX	00,434,000	XXXXXXXXXXXX			XXXXXXXXXX	
Avg.	XXXXXX	2,143,032	XXXXXXXXXXXX	KKKKKKKKKK	XXXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXX
	XXXXXX	2,539,900			XXXXXXXXXXXXX		

If at any time the residual disinfectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L or free available chlorine, immediately increase the chlorine dose until the residual distribution concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuent to Rule 62-555-350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chiorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of tree available chlorine and notify the Department or the appropriate 40000 by which or telephone within 24 nours pursuant to Rule 62-555-350(3), 7.4.C.

Face 2

Anunate/Substitute DEF Form 62-656.510(3)



Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

INSTRUCTIONS: See Page 5.

١.	PENERAL MATER 2121EW AND MATER THEATMENT PLANT INFORMATIO	NA .
	Water System Information  System Name: Florida Public Utilities Company	PWS Identification No.: 2450364
	System Owner	
	Name: Florida Public Utilities Company	Telaphona No.: 904/261-3663
	Address: P.O. Box 418, 911 South 8th Street	**************************************
	City: Fernandina Beach	State: FL Zip Code: 32035
	<ul> <li>System Type:</li></ul>	secutive Served at End of Reporting Month: 11,900
	Water Treatment Plant Information	•
	Treatment Plant	
	Name: Number 2 Water Works	Telephone No.: 904/261-3663
	Address: 2203 Ryan Road	
	City: Fernandina Beach	State: FL Zip Code: 32034
	Permitted Maximum Day Capacity of Plant: 4.5 gpd; Plant Category and Plant Operators: See Page 3.	d Class per Rule 62-699.310(3), F.A.C.: C
И.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR	OF <u>May 1997</u> : See Page
!!.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTA	•
٧.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR	
	1, the undersigned lead/chief operator of the water treatment plant listed in Part I of this belief, the information provided in this report is true and accurate.	s form, certify that, to the best of my knowledge and
	Also, I certify that the following additional operations records applicable to this plant we visited the plant during the reporting month indicated on this report and that these records site for not less than five years:	ere prepared each day a certified operator staffed or will be maintained available for review at the plant
	<ul> <li>records of amounts of chemicals used and chemical feed rates;</li> <li>process performance records for coagulation/flocculation (e.g., source water tempera effluent pH and alkalinity in addition to chemical feed rates);</li> <li>process performance records for sedimentation (e.g., process effluent turbidity and sedimentation).</li> </ul>	
	<ul> <li>process performance records for filtration (e.g., process effluent turbidity and color, run volumes, head losses, length of filter runs, frequency of backwash, amount of b backwash rates);</li> </ul>	number of filters in service, filtration rates, unit filte backwash water used, duration of backwash, and
	<ul> <li>process performance records for lime-soda ash softening (e.g., source water and process)</li> <li>coagulation/flocculation, sedimentation, and filtration)</li> </ul>	
	<ul> <li>process performance records for ion exchange softening (e.g., feed and bypass flow</li> </ul>	s, blend rate, and sall and brine used);
	<ul> <li>process performance records for reverse osmosis (e.g., feed, product, and brine flow turbidity; product pH and conductivity; and brine pH and conductivity); and</li> </ul>	vs; feed pressure, temperature, pH, conductivity, and
	process performance records for electrodialysis le.g., polarity, feed temperature and	total dissolved solids, product conductivity and total

Charles H. Shelton

2257

Signature and Data

Hame and Certificate Number (please type or print)

Fage 1

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE B-200
JACKSONVILLE, FLORIDA 32256-7577

dissolved solids, dilute flow rate, brine make-up, pressures, and voltslamps).

Monthly	Operation	Report f	or Publi	c Water	Systems	that Use	Ground	Water
and for	Consecut	ive Publi	ic Water	Systems	s that Tr	eat Their	Water	

Anomate/Substitute DEP Form 62-655.910(3)

System PWS Identification Number: 2450364

Treatment Plant Name: Number 2 Water Works

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF May 1997

◆ Type of Residual Disinfectant Maintained in Distribution System Served by Plant: □ free chlorine; □ combined chlorine (chloramine); □ chlorine dioxide

				- Residual I	Disintectant in Distribut	ion System	Reported
Day of the Month	Hours Plant in Operation	Quantity of Finished Water Produced by Plant (gallons)	Lowest Residual Disinfectant Concentration at Entry to Distribution System (mg/L)*	Lowest Residual DisInfectant Concentration at Remote Point Img/L1*	Number of Instances Vinere Residual Disinfectant Measuroments Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration at Total Coliform Sampling Points (mg/L) ¹	Emergency or Abnormal Operating Conditions
1	24	1,414,500	2.2				
2	24	1,591,800	2.2				
3	24	1,514,100	2.5				
4	24	1,625,450	2.5				
5	24	1,625,450	2.5				
6	24	1,693,200	1.6	i .			
7	24	1,683,300	1.4	1	5	0.4	
8	24	1,868,100	1.6		j -		
9	24	1,888,700	1.8	1			
10	24	1,312,900	2.0	l		l	
1.1	24	1,701,900	3.0	f			
12	24	1,701,900	3.0	1	1	1	
:3	24	944,900	2.5	1		!	
1 1-	24	1,253,900	2.2	!		1	<u> </u>
15	24 ,	1,431,300	2.5	l	i 5	0.25	
16	24	1,539,800	2.5	1		!	<u></u>
. 17	24	1,412,700	2.5				
3 8	24	1,817,900	2.6	!			
19	24	1,817,900	2.6				<u> </u>
20	24	1,319,300	3.0		·		
21	24	1,463,900	2.5				
22	24	1,462,600	2.5	Ī			
23	24	1,060,400	3.0				
24	24	1,613,300	2.0				
25	24	1,570,300	2.5				l
26	24	1,570,300	2.5				
27	24	1,570,500	2.5	-			
28	24	1,083,800	3.0		6	0.4	
29	24	1,055,100	3.0				
30	24	1,255,200	3.0				
31	24	1,267,600	2.7				
iotal	XXXXXX		XXXXXXXXXXXX		16	XXXXXXXXXX	
Avg.	XXXXXX	1,488,129	XXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXX
Mex.	XXXXXX	1,888,700	XXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXX	XXXXXXXX

If at any time the residual distintectant concentration at the entry to the distinution system drops below the eddivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555, 350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available shipping and notify the Department or the appropriate ACPHU by with or telephone within 24 nours pursuant to Rule 62-555.250(3), F.A.C.

Sage 2

Signature and Data

## Department of Environmental Protection

Aharneta/Sussitive DEP Form 62-666.310(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN	STRUCTIONS: See Page 5.			
ł.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION			
	Water System Information  System Name: Florida Public Utilities Company	_ PWS Identifica	tion No.: _	2450364
	System Owner     Name: Florida Public Utilities Company     Address: P.O. Box 418, 911 South 8th Street	_ Telephone Ne.:		
	City: Fernandina Beach		Zip Code:	32035
	• System Type:   Community: □ non-transient non-community: □ non-community: □ consect  No. of Service Connections at End of Reporting Month: 5945: • Total Population Service	ved at End of Re	porting Mont	h: <u>11,900</u>
	Water Treatment Plant Information	••		
	• Treatment Plant Name: Number 1 Water Works	Telephone No.:	904/2	261-3663
	Address: North 11th Street and Atlantic Avenue	<u> </u>		
	City: Fernandina Beach	State: FL		32034
	Permitted Maximum Day Capacity of Plant: 5.7 gpd; Plant Category and Community Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services Services	Class per Rule 62	-699.310(3),	C.A.C.: <u>C</u>
	Plant Operators: See Page 3.			
11.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF	June 1	997	: See Page
111.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAIN EPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT: See Pa		AIDE, POL'	MER CONTAININ
۱۷.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR			
	-L the undersigned lead/chief operator of the water treatment plant listed in Part I of this I oeilef, the information provided in this report is true and accurate.	orm, certify that,	to the best	of my knowledge and
	Also, I certify that the following additional operations records applicable to this plant were visited the plant during the reporting month indicated on this report and that these records we site for not less than five years:	prepared each d ill be maintained	ay a certifie available for	operator staffed cr
	records of amounts of chemicals used and chemical feed rates; process performance records for coagulation/flocculation (e.g., source water temperature).	re, pH, turbidity,	color, and a	lkalinity and process
	effluent pH and alkalinity in addition to chemical feed rates);  or process performance records for sedimentation (e.g., process effluent turbidity and slu	idge volume prodi	iced);	
	<ul> <li>process performance records for filtration (e.g., process effluent turbidity and color, no run volumes, head losses, length of filter runs, frequency of backwash, amount of bac</li> </ul>	umber of filters is	n service, fil	ration rates,—unit filter of backwash, and
	<ul> <li>backwash rates);</li> <li>process performance records for lime-soda ash softening (e.g., source water and proce coagulating/floorulation, sedimentation, and filtration).</li> </ul>		,	
	<ul> <li>process performance records for ion exchange softening (e.g., feed and bypass flows,</li> <li>process performance records for reverse cosmosis (e.g., feed, product, and brine flows;</li> </ul>	feed pressure, t	att _a and brini emperature,	: used]; pH, conductivity, and
	<ul> <li>turbidity: product pH and conductivity; and brine pH and conductivity); and</li> <li>process performance records for electrodialysis (e.g., polarity, feed temperature and to dissolved solids, dilute flow rate, brine make-up, pressures, and voltsfamps).</li> </ul>	otal dissolved soli	ás, product (	conductivity and total
	Charles	s H. Shelto	n	2257

fagt 1

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE 6-200
JACKSONVILLE, FLORIDA 32256-7577

Name and Certificate Number (please type or print)

### Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

Allemete/Substitute OE* Form 62-655,910(3)

System PWS Identification Number: 2450364

Westment Plant Name. Number I Water Works

#### II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHMEAR OF June 1997

Type of Residual Disinfectant Maintained in Distribution System Served by Plant: 
 □ tree chlorine, □ combined chlorine (chloramine); □ chlorine dioxide

				- Residual Disinfectant in Distribution System		ion System	Bassaus	
Day of the 'Month	Plant in	Quantity of Finished Water Produced by Pfant (gallons)	Lowest Residual Disinfectant Concentration at Entry to Distribution System (mg/L)*	Lowest Residual Disinfectant Concentration at Remote Point (mg/L)*	Number of Instances Where Residual Disinfectant Measurements Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration at Total Coliform Sampling Points (mg/L)*	Reported Emergency or Abnormal Operating Conditions	
1	24	2,039,650	2.5					
2	24	2,039,650	2.5					
3	24	2,057,200	2.2		ļ	<u> </u>		
4	24	2,115,000	2.0		<u> </u>	<u> </u>		
5	24	2,134,200	2.2		1			
6	24	1,826,100	2.2					
7	24	1,790,100	2.5	1	<u> </u>	<u> </u>		
8	24	2,158,000	1 2.3	1	<u> </u>			
9	24	2,158,000	2.3	1	[			
10	1 24	1.810.700	2.6	<u> </u>	5	0.4		
11	24	2,170,700	2.2		!	1		
i 2	24	2,220,600	2.2		!			
: 3	24	2,168,900	2.2	:	` <u> </u>	:		
14-	24	2,011,400	1 2.2	!	<u>:</u>	1		
15	24 !	2,105,150	2.0	<u> </u>	<u>i</u>			
16	24	2,105,150	2.0	<u> </u>	<u> </u>			
17	24 1	2,133,600	2.0		1			
16	24	2,058,100	2.2		1 5	0.4		
19	24	2,052,300	2.1		1			
20	24	2,011,400	2.2		l	1		
21	24	2,050,600	2.0		1			
22	24	2,073,250	2.2					
23	24	2,073,250	2.2					
24	24	2,286,800	2.2			!		
25	24	2,311,600	1.8					
26	24	2,604,400	1.8		6	0.4		
27	24	2,226,300	2.0	-				
28	24	1,886,600	2.2					
29	24	2,135,400	2.2					
30	24	2,135,400	2.2					
31								
io:al	XXXXXX	62,949,500	XXXXXXXXXXXX	XXXXXXXXXX	16	XXXXXXXXXXX	XXXXXXXX	
Avg.	XXXXXX	2,098,317			XXXXXXXXXXXX			
	XXXXXX	2.604.400	XXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXX	

If at any time the residual distriction: concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the children dose until the residual distriction concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department of the appropriate ACPHU by wife or telephone within 24 hours dursuant to Rule 62-555,350(3), F.A.C.

Page 2

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chiorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of the available chipmen and notice the Department or the appropriate ACP/BI by with or telephone within 24 nexts procurant to Bule 02.555-25003, 7.4.0.



Signature and Data

# Department of Environmental Protection

Anomoration Der form 62-665.310(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN	STRUCTIONS: See Page 5.				
1.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION				
	Water System Information  System Name: Florida Public Utilities Company  System Owner  Name: Florida Public Utilities Company  Address: P.O. Box 418, 911 South 8th Street	_ PWS Identifica _ Telephone No.:	904/26	1-3663	
	City: Fernandina beach  System Type: © community: O non-transient non-community: O non-community: O consec	State: <u>FL</u> :utiv <b>e</b>	•	32034	
	• No. of Service Connections at End of Reporting Month: 5945; • Total Population Ser	ved at End of Rep	orling Month	:	.900
	Water Treatment Plant Information	••			
	• Treatment Plant Name: Number 2 Water Works	Telephone No.:	904/26	1-3663	
	Address: 2203 Ryan Road City: Fernandina Beach	State: FL	Zin Code:	32034	
	Permitted Maximum Day Capacity of Plant: 4.5 gpd:      Plant Category and Plant Operators: See Page 3.				С
fl.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF	June_ 199	7	: :	See Page
111.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAINED PICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT: See P.		1105, POLYI	MER CON	HAINING
ſV.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR				
	I, the undersigned lead/chief operator of the water treatment plant listed in Fart I of this belief, the information provided in this report is true and accurate.	form, certify that,	to the best o	i my know	dedgs and
	Also, I certify that the following additional operations records applicable to this plant were visited the plant during the reporting month indicated on this report and that these records we site for not less than five years:	e prepared each di vill be maintained	iy a certified available for i	operator st review at th	alled or ne plant
	<ul> <li>records of amounts of chemicals used and chemical feed rates;</li> <li>process performance records for coagulation/flocculation (e.g., source water temperate effluent pH and alkalinity in addition to chemical feed rates);</li> </ul>			alinity and	biocess
	<ul> <li>process performance records for sedimentation (e.g., process effluent turbidity and slice process performance records for filtration (e.g., process effluent turbidity and color, nor run volumes, head losses, length of filter runs, frequency of backwash, amount of backwash rates);</li> </ul>	umber of filters in ckwash water use	service, filtra d, duration of	l backwash,	, and
	<ul> <li>process performance records for lime-soda ash softening (e.g., source water and process)</li> </ul>	ess effluent hardn	ess in additio	n to record	s for
	coagulation/flocculation, sedimentation, and filtration).  process performance records for ion exchange softening (e.g., feed and bypass flows, process performance records for reverse osmosis (e.g., feed, product, and brine flows, turbidity; product pH and conductivity; and brine pH and conductivity); and	blend rate, and s ; feed pressure, to	all and brine imperature, pl	used); H. conductio	vity, and
	<ul> <li>process performance records for electrodialysis (e.g., polarity, feed temperature and to dissolved solids, dilute flow rate, brine make-up, pressures, and volts/amps).</li> </ul>	otal dissolved soli	is, product co	anductivity a	and total

Page 1

Charles H. Shelton

Hame and Certificate Number (please type or print)

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOVS WAY, SUITE 6-200
JACKSONVILLE, FLORIDA 32256-7577

Mouthly Operation Report for P	ublic Water System	s that Use G	round Water
and for Consecutive Public W:	ater Systems that	Treat Their W	ater

M-MISSONIUM.	06	10-	67-61	5 . 9	1013

ystem	PYYS	Identification	Number:	2450364

izzatnent Plant Name: Number 2 Water Works

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF June 1997

• Type of Residual Distribution System Served by Plant: 🗷 free chlorine; 🗆 combined chlorine (chloramine); 🗆 chlorine dioxide

				- Residual Disinfectant in Distribution System		ion System	
Day of the Month	Hours Plant in Operation	Quantity of Finished Water Produced by Plant (gallons)	Lowest Residual Disinfectant Concentration at Entry to Distribution System (mg/L)*	Lowest Residual Disinfectant Concentration at Remote Point (rng/L)*	Number of Instances Vitere Residual Disinfectant Measuroments Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration at Total Coliform Sampling Points (mg/L) ¹	Reported Emergency or Abnormal Operating Conditions
1	24	1,125,050	3.0			<u> </u>	
2	24	1,125,050	3.0				
3	24	1,174,900	3.0				
4	24	933,200	3.0				
5	24	1,138,300	3.0		1		
6	24	986,200	2.5	1			
7	24	1,109,500	2.3	1			
3	24	1,204,650	2.6				
9	24	1,204,650	2.6				
10	1 24	1,025,600	2.5		5	0.4	
11	24 1	1,574,000	2.0		!		
12	24	1,495,700	2.5	i	<u> </u>		
: 3	1 24	1,322,200				:	
14	24	1,184,100	4.5	<u> </u>	:	:	
15	24	1.317.800		<u> </u>	<u> </u>	<u> </u>	<u> </u>
16	24	1,317,800	2.1	l	<u> </u>	1!	
17	24	1,549,100	2.2		<u> </u>	1	<u> </u>
15	24	1,238,600	2.3	1	1 5	0.4	
15	24	1,092,700	2.3		<u> </u>		
20	24	1.171.500	2.3			1	
3 21	24	1,339,800	2.3				
2.2	24	1,521,600	2.0	l		1	
23	24	1,521,600	2.0				
24	24	1,632,000	2.2			1	
25	24 1	1,772,500	1.8			[	
26	24	1,830,800	2.0		6	0.4	
27	24	1,781,300	2.0	_			
28	24	1,457,800	2.0				
29	24	1,254,400	2.5				
30	24	1,254,400	2.5				
31							
Total	XXXXXX	39,656,800	XXXXXXXXXXXXX	XXXXXXXXXX	16	XXXXXXXXXX	XXXXXXXX
.،۷۲	XXXXXX		XXXXXXXXXXXX	KKKKKKKKKK	XXXXXXXXXXXXX	XXXXXXXXXXX	XXXXXXXX
inski	XXXXXX	1,830,800	XXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXXX	XXXXXXXX

If at any time the residual distinction: concentration at the entry to the distribution system drops below the eddinatent of 0.2 most of free available chlorine, immediately increase the cliterine dose until the residual distinction to concentration is at least edunatent to 0.2 most of free available chlorine and notify the Department or the appropriate ACPHU by wife or telephone within 24 hours pursuant to Rule 62-555, 350(2), F.A.C.

If at any time the residual disinfectant concentration in the distribution system crops below the couvalent of 0.2 mg/L of free available choine, immediately increase the chlorine dose anc/or fluor appropriate portions of the distribution system until the residual distribution is at least equivalent to 0.2 mg/L of the available chorine and notify the Department of the appropriate ACPMU by which discindence within 24 nours pursuant to fluir 6.2 555-250131. F.A.C.

Abernate/Susainute OEF Form 62-666.910(3)



Signature and Data

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

	•	
INS	STRUCTIONS: See Page 5.	
ŧ.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMA	ATION
	Water System Information  System Name: Florida Public Utilities Company System Owner	PWS Identification No.: 2450364
	Name: Florida Public Utilities Company Address: P.O. Box 418, 911 South 8th Street	Telephone No.: <u>904/261-3663</u>
	City: Fernandina Beach	State: FL Zip Code: 32035
	• System Type: ■ community: □ non-transient non-community: □ non-community: □ • No. of Service Connections at End of Reporting Month: 5987: • Total Populati	on Served at End of Reporting Month: 11,900
	Water Treatment Plant Information  • Treatment Plant	:
	Name: Number 1 Water Works	Telephone No.: 904/261-3663
	Address: North 11th Street and Atlantic Avenue  City: Fernandina Beach	State: FL Zip Code: 32034
		y and Class per Rule 62-699.310(3), F.A.C.: C
	Plant Operators: See Page 3.	
11.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEA	AR OF <u>July 1997</u> : See Page
III.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER COEPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT:	
ıv.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR	·
	), the undersigned leadschief operator of the water treatment plant listed in Part 1 obsides, the information provided in this report is true and accurate.	f this form, certify that, to the best of my knowledge and
	Also, I certify that the following additional operations records applicable to this plan visited the plant during the reporting month indicated on this report and that these rec site for not less than five years:	nt were prepared each day a certified operator staffed or ords will be maintained available for review at the plant
	<ul> <li>records of amounts of chemicals used and chemical feed rates;</li> <li>process performance records for coagulation/flocculation (e.g., source water ten effluent pH and alkalinity in addition to chemical feed rates);</li> </ul>	operature, pH, turbidity, color, and alkalinity and process
	<ul> <li>process performance records for sedimentation (e.g., process effluent turbidity)</li> </ul>	and sludge volume produced);
	· process performance records for filtration (e.g., process effluent turbidity and c	olor, number of filters in service, filtration rates, unit filter
	run volumes, head losses, length of filter runs, frequency of backwash, amount backwash rates!:	of backwash water used, duration of backwash, and
	<ul> <li>process performance records for lime-soda ash softening (e.g., source water and coagulation/flocculation, sedimentation, and filtration),</li> </ul>	d process effluent hardness in addition to records for
	<ul> <li>process performance records for ion exchange soltening (e.g., feed and bypass)</li> </ul>	flows, blend rate, and salt and brine used);
	<ul> <li>process performance records for reverse osmosis (e.g., feed, product, and brine turbidity; product pH and conductivity; and brine pH and conductivity); and</li> </ul>	flows; feed pressure, temperature, pH, conductivity, and
	<ul> <li>process performance records for electrodialysis (e.g., polarity, feed temperature dissolved solids dibute flow rate brine make-up, pressures. and volts/amps).</li> </ul>	and total dissolved solids, product conductivity and total

Sage 1

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION HORTHEAST DISTRICT 7825 BAYMEADOWS WAY, SUITE B-200 JACKSONVILLE, FLORIDA 32256-7577

Charles H. Shelton

Hame and Certificate Number (please type or print)

2257

Mouthly Operation	Report for	r Public	Water S	ystems	that Use	Ground	Water
and for Consecut	ive Public	Water S	ystems	that Tro	eat Their	Water	

Attempta/Substitute DEP Farm E2-655.910(3)

stem	PYIS	Identification	Number:	2450364

reatment Plant Name: Number 1 Water Works

I SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF __July 1997

• Type of Residual Disinfectant Maintained in Distribution System Served by Plant: 8 free chlorine; O combined chlorine (chloriamine); O chlorine dioxide

the Month Operation     1		Lauran Casidual	- Residual (	Disinfectant in Distribut	ion System	Reported
2 24 2,1 3 24 2,1 4 24 2,2 5 24 2,6 6 24 2,2 7 24 2,2 8 24 2,0 9 24 2,0 10 24 1,9 11 24 2,2 12 24 2,0 13 24 2,2 11 24 2,2 12 24 2,0 15 24 2,2 16 24 2,2 17 24 2,2 21 2,2 21 2,2 22 24 2,6 23 24 2,4 22 24 2,6 23 24 2,4 24 2,6 25 24 2,4 26 24 2,4 27 24 2,6 28 24 2,7 26 24 2,4 27 26 24 2,4 28 26 24 2,5 28 24 2,6 29 27 24 1,5 28 24 2,1 30 24 2,1 30 24 2,1 31 24 2,1 30 24 2,1 31 24 2,1	ity of Finished oduced by Plant gallons)	Lawest Residual Disinfectant Concentration at Entry to Distribution System (mg/L)*	Lowest Residual Disinfectant Concentration at Remote Point (mg/L)*	Humber of Instances Where Residual Disinfectant Measuroments Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration at Total Coliform Sampling Points [mg/L]	Emergency or Abnormal Operating Conditions
3   24   2,1  4   24   2,2  5   24   2,6  6   24   2,2  7   24   2,2  8   24   2,0  9   24   2,0  10   24   1,9  11   24   2,2  12   24   2,0  13   24   2,2  16   24   2,2  17   24   2,2  18   24   2,0  20   24   2,2  20   24   2,4  21   24   2,2  22   24   2,6  23   24   2,4  24   2,4  25   24   2,4  26   24   2,4  27   24   2,5  28   24   2,5  29   24   2,6  29   24   2,6  20   25   24   2,6  21   25   24   2,6  22   24   2,6  23   24   2,7  24   24   2,6  25   24   2,6  26   24   2,9  27   24   1,5  28   24   2,1  30   24   2,1  30   24   2,1  31   24   2,1  Toist   XXXXXXX   69,6	99,100	2.2				
4 24 2,2 5 24 2,6 6 24 2,2 7 24 2,2 8 24 2,0 9 24 2,0 10 24 1,9 11 24 2,2 12 24 2,0 13 24 2,2 14 2,2 15 24 2,1 16 24 2,2 17 24 2,2 18 24 2,1 16 24 2,2 17 24 2,2 20 24 2,4 21 2,4 22 24 2,6 23 24 2,4 24 2,4 25 24 2,6 25 24 2,4 26 24 2,5 27 24 1,5 28 24 1,5 29 24 2,1 30 24 2,1 31 24 2,1 31 24 2,1 31 24 2,9 27 24 1,5 28 24 1,5 29 24 2,1 30 24 2,1 31 24 2,1 31 24 2,1	158,200	2.3	•			
5 24 2,6 6 24 2,2 7 24 2,2 8 24 2,0 9 24 2,0 10 24 1,9 11 24 2,2 12 24 2,0 13 24 2,2 15 24 2,2 16 24 2,2 17 24 2,2 21 24 2,0 20 24 2,4 21 24 2,0 20 24 2,4 21 24 2,0 20 24 2,4 21 24 2,6 23 24 2,4 25 24 2,6 25 24 2,4 26 24 2,9 27 24 1,5 28 24 1,5 29 24 2,1 30 24 2,1 31 24 2,1 31 24 2,9 27 24 1,5 28 24 1,5 29 24 2,1 30 24 2,1 31 24 2,1	139,600	2.2	·			
6 24 2,2 7 24 2,2 8 24 2,0 9 24 2,0 10 24 1,9 11 24 2,2 12 24 2,0 13 24 2,2 15 24 2,2 16 24 2,2 17 24 2,2 18 24 2,0 20 24 2,1 21 24 2,0 20 24 2,4 21 2,4 22 24 2,6 23 24 2,6 25 24 2,6 25 24 2,6 25 24 2,6 25 24 2,6 25 24 2,6 26 24 2,9 27 24 1,5 28 24 1,5 29 24 2,1 30 24 2,1 31 24 2,1 31 24 2,1 31 24 2,1 31 24 2,1	281,000	2.0				
7 24 2,2 8 24 2,0 9 24 2,0 10 24 1,9 11 24 2,2 12 24 2,0 13 24 2,2 15 24 2,1 16 24 2,2 17 24 2,2 18 24 2,0 20 24 2,4 21 2,2 21 24 2,0 20 24 2,4 21 2,4 22 24 2,6 23 24 2,4 24 2,6 25 24 2,4 26 24 2,4 26 24 2,4 26 24 2,4 27 24 2,6 28 24 1,5 28 24 1,5 29 24 2,1 30 24 2,1 31 24 2,1 31 24 2,1 31 24 2,1 31 24 2,1	514,300	2.5				
8 24 2,0 9 24 2,0 10 24 1,9 11 24 2,2 12 24 2,0 13 24 2,2 15 24 2,2 16 24 2,2 17 24 2,2 18 24 2,2 18 24 2,2 19 24 2,1 19 24 2,2 10 20 24 2,4 21 24 2,4 22 24 2,4 23 24 2,4 24 2,6 23 24 2,7 24 2,6 25 24 2,4 26 24 2,6 25 24 2,4 26 24 2,6 27 24 2,6 28 24 1,5 28 24 1,5 29 24 2,1 30 24 2,1 30 24 2,1 31 24 2,1 31 24 2,1	200,950	2.2				
9 24 2,0 10 24 1,9 11 24 2,2 12 24 2,0 13 24 2,2 15 24 2,1 16 24 2,2 17 24 2,2 18 24 2,0 20 24 2,4 21 24 2,6 23 24 2,6 23 24 2,6 23 24 2,6 25 24 2,6 25 24 2,6 25 24 2,6 25 24 2,7 26 24 2,9 27 24 1,5 28 24 1,5 29 24 2,1 30 24 2,1 31 24 2,1 31 24 2,1 31 24 2,1 31 24 2,1 31 24 2,1	200,950	2.2	1			
10   24   1,9   11   24   2,2   12   24   2,0   13   24   2,2   15   24   2,2   16   24   2,2   17   24   2,2   18   24   2,2   19   24   2,2   20   24   2,4   21   24   2,4   22   24   2,6   23   24   2,7   24   2,6   25   24   2,6   25   24   2,6   26   24   2,9   27   24   1,5   28   24   2,1   30   24   2,1   30   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1   31   24   2,1	063,500	2.2		. 5	0.4	
11	74,700	2.2 '	1			
12 24 2,0 13 24 2,2 14 2,2 15 24 2,2 15 24 2,2 17 24 2,2 17 24 2,2 18 24 2,0 20 24 2,4 21 24 2,6 23 24 2,6 23 24 2,6 25 24 2,9 27 24 2,9 27 24 1,5 28 24 1,5 28 24 2,1 30 24 2,1 30 24 2,1 31 24 2,1 31 24 2,1 31 24 2,1 31 24 2,1 31 24 2,1	80,100	2.2			1	
13	213,400	2.2		!	<u> </u>	
1. 24 2,2 1. 24 2,2 1. 24 2,1 1. 24 2,2 1. 24 2,2 1. 24 2,2 1. 24 2,4 1. 20 24 2,4 2. 24 2,4 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2. 24 2,6 2.	40,200	2.0	1	<u> </u>	<u> </u>	
15	77,550	2.2	:	·	!	
16   24   2,2 17   24   2,2 18   24   2,3 18   24   2,0 20   24   2,4 21   24   2,4 22   24   2,6 23   24   2,7 24   2,4 25   24   2,4 26   24   2,9 27   24   1,5 28   24   1,5 29   24   2,1 30   24   2,1 31   24   2,1 Total   XXXXXX   69,6	77,550	2.2	!	<u> </u>	1	
17   24   2,2  15   24   2,3  15   24   2,0  20   24   2,4  21   24   2,4  22   24   2,6  23   24   2,7  24   2,4  25   24   2,4  26   24   2,9  27   24   1,5  28   24   2,1  30   24   2,1  Total   XXXXXXX   69,6	86,100	2.2	<u> </u>			
15         24         2.3           15         24         2.0           20         24         2.4           21         24         2.4           22         24         2.6           23         24         2.7           24         2.6         2.4         2.4           25         24         2.4         2.9           27         24         1.5         28         24         1.5           29         24         2.1         30         24         2.1           30         24         2.1         2.1         7           70:at         XXXXXXX         69,6         69,6	20,400	2.0	1	5	0.3	
15	250,400	2.0	l			
20 24 2,4 21 24 2,4 22 24 2,6 23 24 2,7 24 2,6 25 24 2,4 26 24 2,9 27 24 1,5 28 24 1,5 29 24 2,1 30 24 2,1 Total   XXXXXX   69,6	319.300 I	1.8	!			
21 24 2,4 22 24 2,6 23 24 2,7 24 2,4 25 24 2,6 25 24 2,4 26 24 2,9 27 24 1,5 28 24 1,5 29 24 2,1 30 24 2,1 51 24 2,1 Total   XXXXXX   69,6	62.600	2.0	<u> </u>			
22 24 2,6 23 24 2,7 24 24 2,6 25 24 2,4 26 24 2,9 27 24 1,5 28 24 1,5 29 24 2,1 30 24 2,1 51 24 2,1 Total   XXXXXX   69,6	38,450 I	2.2	1			
23 24 2,7 24 24 2,6 25 24 2,4 26 24 2,9 27 24 1,5 28 24 1,5 29 24 2,1 30 24 2,1 51 24 2,1 Total   XXXXXX   69,6	38,450 i	2.2	1	<u> </u>		
24 24 2,6 25 24 2,4 26 24 2,9 27 24 1,5 28 24 1,5 29 24 2,1 30 24 2,1 51 24 2,1 Total   XXXXXX   69,6	15,500	2.0	1			
25 24 2,4 26 24 2,9 27 24 1,5 28 24 1,5 29 24 2,1 30 24 2,1 51 24 2,1 Total   XXXXXX   69,6	34,700	2.0	1			
26   24   2,9 27   24   1,5 28   24   1,5 29   24   2,1 30   24   2,1 51   24   2,1 Total   XXXXXXX   69,6	82,200	1.6	1		1	
27 24 1,5 28 24 1,5 29 24 2,1 30 24 2,1 51 24 2,1 Total   XXXXXX   69,6	98,000	2.2				·
28 24 1,5 29 24 2,1 30 24 2,1 31 24 2,1 Total (XXXXXXXX 69,6)	79,000	2.0	1			
29 24 2,1 30 24 2,1 31 24 2,1 Total (XXXXXX) 69,6	78,200	1.8	-			
30   24   2,1 31   24   2,1 70:31   XXXXXX   69,61	78,200	1.8	1	6	0.4	
30   24   2,1 31   24   2,1 70:st   XXXXXX   69,6	61,000	2.0				
Total  XXXXXXX   69,6	29,100	2.0				
Total   XXXXXX   69,6	10,300	2.0				
	03,000	XXXXXXXXXXXX		16	XXXXXXXXXX	
Avc.  XXXXXX  = 2.2	45,258			XXXXXXXXXXXXX		
	79.000	XXXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXX

If at any time the residual disintectant concentration at the entry to the distribution system props below the editivatent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department of the appropriate ACPHU by wire of telephone within 24 hours pursuant to Rule 62-555,350(3), F.A.C.

Fage 2

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free evailable chiorine, immediately increase the chlorine absend/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by with or telephone within 24 hours pursuant to Rule 62-555-350(3), F.A.C.



## Department of Environmental Protection

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

STRUCTIONS: See Page 5.	
GENERAL WATER SYSTEM AND WATER TREATMENT	PLANT INFORMATION
Water System Information	
System Name: Florida Public Utilities Comp	any PWS Identification No.: 2450364
System Owner	7 ) , , , , , , , , , , , , , , , , , ,
Name: Florida Public Utilities Company	Telaphone Na.: 904/261-3663
Address: P.O. Box 418, 911 South 8th Str City: Fernandina Beach	State: FL Zip Code: 32035
System Type:	non-community: O consecutive
• No. of Service Connections at End of Reporting Month: 5987	: • Yotal Population Served at End of Reporting Month: 11,900
Water Treatment Plant Information	
• Treatment Plant	•
Name: Number 2 Water Works	Telephone No.: 904/261-3663
Address: 2203 Ryan Road	
City: Fernandina Beach	State: FL Zip Code: 32034
	d; Plant Category and Class per Rule 62-699.310(3), F.A.C.: C
Plant Operators: See Page 3.	THE MONTHINEAD OF
SUMMARY OF DAILY WATER TREATMENT DATA FOR	THE MONTH/YEAR OF <u>July 1997</u> : See Page
EPICHLOROHYDRIM, AND/OR IRON AND MANGANESE S STATEMENT BY LEAD/CHIEF WATER TREATMENT PLAN	NT OPERATOR
l, the undersigned lead/chief operator of the water treatment plan belief, the information provided in this report is true and accurate.	nt listed in Part I of this form, cartify that, to the best of my knowledge and
Also, I certify that the following additional operations records appreciated the plant during the reporting month indicated on this report site for not less than five years:	plicable to this plant were prepared each day a certified operator staffed or and that these records will be maintained available for review at the plant
• records of amounts of chemicals used and chemical feed rat	es;
	, source water temperature, pH, turbidity, color, and alkalinity and process
<ul> <li>process performance records for sedimentation (e.g., process</li> </ul>	reffluent turbidity and sludge volume produced);
run volumes, head losses, length of filter runs, frequency of	vent turbidity and color, number of filters in service, filtration rates, whit litter backwash, amount of backwash water used, duration of backwash, and
<ul> <li>backwash rates);</li> <li>process performance records for lime-soda ash softening (e.g. coagulation)/flocculation, sedimentation, and filtration).</li> </ul>	, source water and process effluent hardness in addition to records for
	, feed and bypass flows, blend rate, and salt and brine used);
<ul> <li>process performance records for reverse osmosis (e.g., feed, turbidity; product pH and conductivity; and brine pH and con</li> </ul>	product, and brine flows; feed pressure, temperature, pH, conductivity, and
	, leed temperature and total dissolved solids, product conductivity and total
	Charles H. Shelton 2257
Signature and Data	Name and Certificate Number (please type or print)

tane i

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE 8-200
JACKSONVILLE, FLORIDA 32256-7577

Jouthly	Operation	Report fo	r Public	Water	Systems	that	Űse	Ground	Water
and fo	r Consecut	ive Public	Water	System	s that Tr	cat	heir	Water	

Attended Superiors	0111-	62-655,910(3)

ystem PWS Identification Number: 2450364

reatment Plans Name: Number 2 Water Works

SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF ____July 1997 '

[■] Type of Residual Disinfectant Maintained in Distribution System Served by Plant: 

□ tree chlorine; □ combined chlorine (chloramine); □ chlorine dioxide

				- Residual	Disinfectant in Distribut	ion System	
Day of the Month	Plant in	Quantity of Finished Water Produced by Plant (gallons)	Lowest Residual Disinfectant Concentration at Entry to Distribution System (mg/L)*	Lowest Residual Disinfectant Concentration at Remote Point (mg/L)*	Number of Instances Where Residual Disinfectant Measuroments Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration:at Total Coliform Sampling Points (mg/L)*	Reported Emergency or Abnormal Operating Conditions
1	24	1,179,500	2.2				
2	24	1,170,300	2.2				
3	24	1,458,000	2.2			<u></u>	
4	24	1,859,700	1.5				
5	24	1,587,900	2.0				
6	24	1,440,600	2.2				
7	24	1,440,600	2.2				
8	24	1,108,200	2.2		· 5	0.4	
9	24	1,170,000	2.1				L
. 10	24	1,145,000	2.2				
11	24	1,244,900	2.2				
12	24	1,373,800	2.2				<u> </u>
: 3	24	1,792,300	1.4			!	i
14-	24	1,792,300	1.4			<u> </u>	
15	24	1,721,300	2.0	<u> </u>			
16	24	1,854,500	2.0		5	0.3	
17	24	1,792,300	2.0				
18	24	1,871,400	2.1				
15	24	1,430,400	2.7				
20	24	1,622,450	2.5		<u> </u>		
21	24	1,622,450	2.5		<u> </u>		
22	24	1,767,300	2.0				
23	24	1,933,800	2.0				
24	24	1,875,300	1.6				
25	24	1,818,500	2.0				
26	24	1,805,000	2.0		·		
27	24	974,100	2.0				
28	24	974,100	2.0		6	0.4	
29	24	1,486,600	2.3	**			
30 ]	24	1,520,400	2.4	100			
31	24	1,399,200	2.4				
Total	XXXXXX	47,232,200	XXXXXXXXXXXX		16	XXXXXXXXXX	
ا .و٧.د	XXXXXX	1,523,619			XXXXXXXXXXXXX		
	XXXXXX	1,933,800			XXXXXXXXXXXXX		

If at any time the residual disinfectant concentration at the entry to the distribution system drops below the eddivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555.350(2), F.A.C.

If at any time the residual disinfectant concentration in the distribution system crops below the equivalent of 0.2 mg/L of free everlable choisine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual distribution concentration is at least equivalent to 0.2 mg/L of free everlable choisine dose notice the performance of the appropriate ACFHU by wire or telephone within 24 nours pursuant to Rule 62-555,350(3). F.A.C.



# Department of Environmental Protection

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

INSTRUCTIONS: See Page 5.

1.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFURMATI	ON	
	Water System Information  System Name: Florida Public Utilities Company	PWS Identification No.: 2450364	
	System Owner     Name: Florida Public Utilities Company     Address: P.O. Box 418, 911 South 8th Street	Telephone Ho.: 904/261-3663	_
	Cuy: Fernandina Beach	State: FL Zip Code: 32035	-
	• System Type: S community; O non-transient non-community; O non-community; O com	nsecutive	
	• No. of Service Connections at End of Reporting Month: 5997; • Total Population	Served at End of Reporting Month: 11,900	_
	Water Treatment Plant Information  Treatment Plant	•	
	Name: Number 1 Water Works	Telephone Ha.: 904/277-1971	
	Address: North 11th Street and Atlantic Avenue		-
	Cny: Fernandina Beach	State: FL Zip Code: 32034	_
		nd Class per Rule 62-699.310(3), F.A.C.: C	_
	• Plant Operators. See Page 3.		
١.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR	OF August 1997 : See Page	
۱.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER COMT EPICHLORGHYDRIN, ANGIOR INON AND MANGANESE SEQUESTRANT: SL		! (
<i>:</i> .	STATEMENT BY LEADICHIEF WATER-TREATMENT PLANT OPERATOR		
	I, the undersigned lead/chief operator of the water treatment plant listed in Part I of the oeiler, the information provided in this report is true and accurate.	es form, certify that, to the best of my knowledge an	J
	Also, I certify that the following additional operations records applicable to this plant viviled the plant during the reporting month indicated on this report and that these record site for not less than five years:		
	<ul> <li>records of amounts of chemicals used and chemical feed rates;</li> </ul>		
	<ul> <li>process performance records for coagulation/flocculation (e.g., source water temper effluent pH and alkalimity in addition to chemical feed rates);</li> </ul>	rature, pH, turbidity, color, and alkalinity and process	
	· process performance records for sedimentation (e.g., process effluent turbidity and	sludge valume produced);	
	<ul> <li>process performance records for filtration (e.g., process effluent turbidity and color</li> </ul>		:(
	run volumes, head losses, length of filter runs, frequency of backwash, amount of	backwash water used, duration of backwash, and	
	backwash races);		
	<ul> <li>process performance records for time-soda ash softening (e.g., source water and propagation)</li> </ul>	tocess ettinent paroness in addition to tecolog for	
	<ul> <li>process performance records for ion exchange softening (e.g., feed and bypass flow</li> </ul>	es blend race and salt and hine used)	
	<ul> <li>process performance records for reverse osmosis (e.g., feed, product, and brine flor</li> </ul>		
	turbidity; product pH and conductivity; and brine pH and conductivity); and		
	process performance records for electrodialysis le.g., polarity, feed temperature and described deliced films from the polarity and performance and described deliced films.	d total dissolved solios, product conductivity and total	
	dissolved solids, dilute flovi rate, brine make up, pressures, and voltsfamps).		
	Charle	s II. Shelton 2257	,

Signature and Data

Hame and Certificate Number (please type or print)

Haye 1

STATE OF FEORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOVS WAY, SUITE 0-200
JACKSONVILLE, FLORIDA 32256-7577

Mouthly Operation	Report for	Public	Water !	Systems	that Use	Ground Wa	ster
and for Consecut	ive Public	Water	Systems	that Tr	cat Their	Water	

MICRICE COMMINS	01110	m 67-655,910(3)

System PV/S Identification Humber: 2450364

ireatment Plant Name: Number 1 Water Works

II SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF August 1997

■ Type of Residual Disinlectant Maintained in Distribution System Served by Plant 

Refree chlorine, □ combined chlorine (chloramine);
□ chlorine dioxide

				- Nesidual (	Jisintectant in Distributi	ion System	Reported
Day of the Month	Hours Plant in Operation	Quantity of Finished Water Produced by Plant (gallons)	Lowest Residual Distribution at Entry to Distribution System (mg/L)*	Lowest Residual Disinfectant Concentration a: Remote Point (rng/L)*	Humber of Instances Where Residual Disinfectant Measuroments Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration at Total Coliform Sampling Points (mg/L) ⁴	Emergency or Abnormal Operating Conditions
١	24	1,934,400	2.0				
2	24	1,981,200	2.0				
3	24	1,959,900	1.8	<u> </u>			
4	24	1,959,900	1.8				
5	24	2,219,900	1.8				
6	24	2,287,900	1.8		5	0.3	
7	24	2,040,000	1.7				
8	24	2,021,400	1.7				
9	24	2,004,400	2.0				
10	24	2,054,400	1.8				
11	24	2,054,400	1.8	l			
12	24	1,987,600	1.6				
: 3	24	2,090,500	1.6			:	
14.	24	2,140,400	1.0	·	:		
15	24	2,114,700	1.6	i			
16	24	1,898,100	1.6				
17	24	2,083,150	1.5	<u> </u>			
13	24	2,083,150	1.5	<u> </u>			
19	24	2,049,000	1.8	<u> </u>			
20	24	1,873,200	1.5				
21	24	2,062,600	1.7		5	0.3	
22	24	1,917,500	1.6		<u> </u>		
23 [	24	1,620,600	2.0				<del></del>
24	24	2,147,600	1.9				<u> </u>
25	24	2,147,600	1.9				
26	24	1,990,200	1.8		·		
27	24	2,370,400	1.8		6	0.4	
26	24	2,023,200	1.7				
29	24	1,871,000	1.8				
30	24	1,855,825	1.8				
31	24	2,046,085	2.2				<u></u>
io;al	XXXXXX	62,890,210	XXXXXXXXXXXX			XXXXXXXXXXX	
Avg.	XXXXXX	2,028,716	XXXXXXXXXXXX	XXXXXXXXXX	KHIKKKKKKKKKKK	XXXXXXXXXXX	XXXXXXXX
	XXXXXX	2 370 400	XXXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXX	XXXXXXXX

If at any time the residual disintectant concentration at the entry to the distinution system drops below the editivatent of 0.2 mg/L of free available chloring, immediately increase the chloring dose until the residual disintectant concentration is at least equivalent to 0.2 mg/L of free available chloring and notify the Department of the appropriate ACPHU by wife or telephone within 24 hours oursuant to Bule 62-555, 350(3), F.A.C.

If all any time the residual disinfectant concentration in the distribution system cross below the equivalent of 0.2 mg/L of free available chiquine, immediately increase the chiquine goes ancross fluor appropriate particles as for cistribution system until the residual disinfectant concentration is at least education to 0.2 mg/L of time available chiquins and notice the Department or the appropriate ACPrill by viscous felephone within 24 nours pursuant to 80/E 558-250(2), 6.4. C.

Page 2



## Department of Environmental Protection

Anunerationine Der Farm 62-656.210(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN	STRUCTIONS: See Page 5.								
í.	GENERAL WATER SYSTEM AND WATER TREATMENT	PLANT INFORMATION	١						
	Water System Information  System Name: Florida Public Utilities Comp	oany	PWS Id	lentifica	tion No.: 2	450364			
	System Owner     Name: Florida Public Utilities Company     Add		Telepho	ne No.:	_904/26	1-3663			
	Address: P.O. Box 418, 911 South 8th Stree City: Fernandina Beach	<u> </u>	State:	FL	Zip Code:	32035			
	• System Type:   ■ community: □ non-transient non-community: □  • No. of Service Connections at End of Reporting Month:599	non-community; © conser 7: • Total Population Se	culive rved at End	ol Rep	orting Month:				
	Water Treatment Plant Information		••						
	Name: Number 2 Water Works     Address: 2203 Ryan Road		_ Telepho	ne Na.:	_904/27	7-1972			
	City: Fernandina Beach		_ Şıate:	FL	Zip Code:	32034			
		d: • Plant Category and	Class per l	Rule 62	699.310(3), F	.A.C.: C			
Ħ.	• Plant Operators: See Page 3.  SUMMARY OF DAILY WATER TREATMENT DATA FOR	: THE MONTH/YEAR O	f Augu	st l	997	: See Page 2			
111.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF EPICHLORDHYDRIN, ANDIOR INON AND MANGANESE S			RYLAN	IIDE, POLYI	MER CONTAINING			
í٧.	STATEMENT BY LEADICHIEF WATER TREATMENT PLAN	NT OPERATOR							
	I, the undersigned lead/chief operator of the water treatment plat befief, the information provided in this report is true and accurate.	nt listed in Part I of this	form, certi	íy that,	to the best o	f my knowledge and			
	Also, I certify that the following additional operations records ap- visited the plant dwing the reporting month indicated on this teport site for not less than five years:								
	<ul> <li>records of amounts of chemicals used and chemical feed rates;</li> <li>process performance records for coagulation/flocculation (e.g., source water temperature, pH, turbidity, color, and alkalinity and process</li> </ul>								
	effluent pH and alkalinity in addition to chemical feed rates);  • process performance records for sedimentation (e.g., process effluent surbidity and sludge volume produced);								
	<ul> <li>process performance records for filtration (e.g., process effice run volumes, head losses, length of filter runs, frequency of backwash rates);</li> </ul>	ent turbidity and color, n	number of f	ilters in	service, filtra				
	<ul> <li>process performance records for time-soda ash softening (e.g. coagulation/flocculation, sedimentation, and filtration).</li> </ul>	., source water and proc	ess elliuen	t hardn	ess in addition	to records for			
	• process performance records for ion exchange softening (e.g.	, leed and bypass flows,	blend race	, and s	all and brine l	ised);			
	<ul> <li>process performance records for reverse osmosis (e.g., feed, turbidity; product pH and conductivity; and brine pH and con</li> </ul>	·	; feed pres	sure, le	mperature, pli	, conductivity, and			
	<ul> <li>process performance records for electrodialysis (e.g., polarity dissolved solids, diluse flow rate, brine make-up, pressures, a</li> </ul>	leed temperature and to	otal dissolv	ed solid	s, product cor	nductivity and total			
		Charles	11 61	lton		2257 .			
	Signature and Date	Name and Ce			lesce type or				

Page 1

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE 8-200
JACKSONVILLE, FLORIDA 32256-7577

Monthly Opera	ation Report fo	r Public W	ater Systems	that Use	Ground	Water
and for Con.	secutive Public	: Water Sy:	stems that T	reat Their	Water	

	,	
At where its une trium.	DEP Form 63-855,910131	

System PWS Identification Number: 2450364

Treatment Plant Hame: Number 2 Water Works

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF August 1997

• Type of Residual Disinfectant Maintained in Distribution System Served by Plant: Σ free chlorine; □ combined chlorine (chloramine); □ chlorine dioxide

			Lowest Residual	_ Residual I	Reported		
Day of the Month	Plant in .	Quantity of Finished Water Produced by Plant (gallons)	Disinfectant	Lowest Residual Disinfectant Concentration at Remote Point (mg/L)*	Number of Instances Where Residual Disinfectant Measuroments Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration at Total Coliform Sampling Points .(mg/L)*	Emergency or Abnormal Operating Conditions
١	24	1,014,000	2.1				·
2	24	1,034,000	2.0				,
3	24	1,342,800	2.0				
4	24	1,342,800	2.0				
5	24	1,418,300	1.8				
6	24	1,601,100	2.0		5	0.3	
7	2.4	1,436,400	2.0		l		
8	24	1,322,600	2.5		l <u>·</u>		
9	24	1,494,900	2.0		l		
10	24	1,471,900	2.0		i		
11	24	1,471,900	2.0				
12	24	1,232,200	2.1		l		
:3	1 24	1,383,800	2.0		1		
14	1 24	1,584,600	1 2.0				
15	24	1,636,000	1.8				
16	24	1,767,300	2.5				
17	24	1,010,050	2.6				
16	24	1.010.050	1 2.6				
19	24	1,462,400	2.5				
20	24	1,502,300	2.3				
3 21	24	1,537,100	2.5	<u></u>	5	0.3	
22	24	1,622,700	2.5				
23	24	1,542,400	1.5				
24	24	1,772,950	1.8				ļ
25	24	1,772,950	1.8				
26	24	1,592,000	1.8				
. 27	24	1,782,600	1.8		66	0.4	
28	24	1,714,200	1.0				
29	24	1,985,700	1.0				
30	24	1,986,200	1.3				
31	24	1,830,600	1.0			<u></u>	
Total	XXXXXX	46,678,800	XXXXXXXXXXX		16	xxxxxxxxxx	
Avç.	XXXXXX	1,505,768			XXXXXXXXXXXX		
Mex.	XXXXXX	1,986,200			XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		

If at any time the residual disintectan: concentration at the entry to the distinution system drops below the editivatent of 0.2 mg/L of free available childrine, immediately increase the childrine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available childrine and noully the Department of the appropriate ACPHU by wire of telephone within 24 hours pursuant to 0.2 Rule 62-555, 350/31, F.A.C.

Page 2

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chloring and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555, 350131, F.A.C.



Signature and Date

## Department of Environmental Protection

Abernate/Substitute DEF form 62-866.810(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN	STRUCTIONS: See Page 5.				
1.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION				
	Water System Information  System Name: Florida Public Utilities Company  System Owner  Name: Florida Public Utilities Company	PWS Identifica	tion No.: <u>24</u> _904/261	-3663	
	Address: P.O. Box 418, 911 South 8th Street City: Fernandina Beach	State: FL	Zio Code:	32035	
	System Type:    community:    one-transient non-community:    one-community:    consecu			35033	
	•No. of Service Connections at End of Reporting Month:5997; •Total Population Serv	ed at End of Rep	orling Month:	11,90	00
	Water Treatment Plant Information	•			
	• Treatment Plant Name: Number 1 Water Works	Telephone No.:	904/277	-1971	<del></del>
	Address: North 11th Street and Atlantic Avenue City: Fernandina Beach	State: FL	Zip Code:	32034	<del></del> -
	Permitted Maximum Day Capacity of Plant: 5.7 gpd; Plant Category and C				
	• Plant Operators: See Page 3.				
II.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF	Septembe	r 1997	: See 1	Page 2.
III.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAIN EPICHLOROHYDRIM, AND/OR IRON AND MANGANESE SEQUESTRANT: See Pa		IIDE, POLYM	ER CONTAI	NING
í٧.	STATEMENT BY LEAD/CHIEF WATER TREATMENT PLANT OPERATOR				
	I, the undersigned lead/chief operator of the water treatment plant listed in Part I of this following, the information provided in this report is true and accurate.	irm, certify that,	to the best of	my knowledge	e and
	Also, I certify that the following additional operations records applicable to this plant were visited the plant during the reporting month indicated on this report and that these records will site for not less than five years:				
	<ul> <li>records of amounts of chemicals used and chemical feed rates;</li> <li>process performance records for coagulation/flocculation (e.g., source water temperature)</li> <li>effluent pH and alkalinity in addition to chemical feed rates;</li> </ul>	•		inity and proc	ess
	<ul> <li>process performance records for sedimentation (e.g., process effluent turbidity and slud     process performance records for filtration (e.g., process effluent turbidity and color, nur     run volumes, head losses, length of filter runs, frequency of backwash, amount of back     backwash rates);</li> </ul>	mber of filters in	service, filtrati		
	<ul> <li>process performance records for lime-soda ash softening (e.g., source water and proces coagulation/flocculation, sedimentation, and filtration);</li> </ul>	s effluent hardni	ess in addition	lo records for	
	<ul> <li>process performance records for ion exchange softening (e.g., feed and bypass flows, to process performance records for reverse osmosis (e.g., feed, product, and brine flows; surbidity; product pH and conductivity; and brine pH and conductivity); and</li> </ul>				and
	<ul> <li>process performance records for electrodialysis (e.g., polarity, feed temperature and tot dissolved solids, dilute flow rate, brine make-up, pressures, and voltsfamps).</li> </ul>	al dissolved solid	s, product cond	uctivity and t	isso

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STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
HORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE B-200
JACKSONVILLE, FLORIDA 32256-7577

Charles H. Shelton

Name and Certificate Number (please type or print)

2257 .

### Mouthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

	•	
NIEWING CONTINUE	DEP Form 62-655.510(3)	

System PWS Identification Humber: 2450364

Treatment Plant Name: Number 1 Water Works

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF _____ September 1997

. Type of Residual Disintectant Maintained in Distribution System Served by Plant: Stree chlorine; Combined chilorine (chiloramine);

	Residual Disinlectant in Distribution System				ion System	Reported	
Day of the Month	Hours Plant in . Operation	Quantity of Finished Water Produced by Plant (gallons)	Lowest Residual Disinfectant (1) Concentration at, Entry to Distribution System (mg/L)	Lowest  Residual  Disintectant  Concentration  at Remote  Point (mg/L)	Number of Instances Where Residual Disinfectant Measurements Taken at Total Coliform Sampling Points	Lowest Residual Disinfectant Concentration at Total Collform Sampling Points (mg/L)	Emergency or Abnormal Operating Conditions
1	24	2,046,085	2.2				
2	24	2,046,105	2.2				
3	24	1,861,600	2.0				
4	24	2,248,900	2.0		5	0.4	
5	24	1,530,500	2.2		<u> </u>		
6	-24	1,993,800	2.2	· · · · · · · · · · · · · · · · · · ·			
-	24	1,899,500	1.7				
8	24	1,899,500	1.7				
9	24	1,880,300	2.1				
10	24	1,915,100	2.0		5	0.5	
11	24	1.806.700	2.3				
12	24	1.866.500	2.2				
13	24	1,854,200					
16	24	2,326,350	2.1			i	
15	24	2,326,350	2.1				
16	24	2,239,400	2.0			l	
17	24	2,249,800	2.3		6	0.4	
18	24	2,451,400	1.7				
19	24	2,555,200	1.8				
20	24	2,301,200	2.0				
1 21	24	2,432,600	2.2				
22	24	2,432,600	2.2				
23	24	2,016,100	3.0				
24	24	1,913,900	2.1				
25	24	2,154,400	2.0				
26	24	1.885.700	2.0				
27	24	1,853,200	2.0				
28	24	1,769,550	2.1				
29	24	1,769,550	2.1				
30	24	1,966,400	2.1				
31	1						
Total	XXXXXX	<u> </u>	******	•	16	xxxxxxxxxx	
Avg.	XXXXXX	2,077,100			XXXXXXXXXXXX		
	XXXXXX	2,555,200			XXXXXXXXXXXXX		

If at any time the residual disinfectan; concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg.C. of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555.350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfection: concentration is at least equivalent to 0.2 mg/l, of free available chloring and notify the Department or the appropriate ACPPU by were or telephone within 24 hours pursuant to Rule 62-555,250(3), F.A.C.

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## Department of Environmental Protection

Abunatusaciana DEP form 62-666,910(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

	, , , , , , , , , , , , , , , , , , , ,			
IN	STRUCTIONS: See Page 5.			
l.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION	V		
	Water System Information  System Name: Florida Public Utilities Company  System Owner Name: Florida Public Utilities Company Address: P.O. Box 418, 911 South 8th Street	PWS Identificat Telephone Ho.:		2450364 51–3663
	Cuy: Fernandina Beach	State: FL	Zip Code:	32035
	• System Type: Community: O non-transient non-community; O non-community; O conservation of Service Connections at End of Reporting Month: 5997; • Total Population Service		orling Month:	11,900
	Water Treatment Plant Information	•		
	• Treatment Plant Name: Number 2 Water Works Address: 2203 Ryan Road	_ Telephone No.:	904/27	77-1972
	City: Fernandina Beach	Şiale: FL	Zip Code:	32034
	Permitted Maximum Day Capacity of Plant: 4.5 gpd; Plant Category and Plant Operators: See Page 3.	Class per Rule 62-6	599.310(3), (	F.A.C.: C
II.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR O	F <u>Septembe</u>	r 1997	: See Page 2
HI.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAINED PICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT: See F		IDE, POLYI	VIER CONTAINING
ſ٧.	STATEMENT BY LEAD/CHIEF WATER TREATMENT PLANT OPERATOR	•		•
	${\bf i}$ , the undersigned lead/chief operator of the water treatment plant listed in Part I of this belief, the information provided in this report is true and accurate.	form, certify that,	to the best o	if my knowledge and
	Also, I certify that the following additional operations records applicable to this plant were visited the plant during the reporting month indicated on this report and that these records visite for not less than five years:			
	<ul> <li>records of amounts of chemicals used and chemical feed rates;</li> <li>process performance records for coagulation/flocculation (e.g., source water temperate effluent pH and alkalinity in addition to chemical feed rates);</li> <li>process performance records for sedimentation (e.g., process effluent turbidity and slope process performance records for filtration (e.g., process effluent turbidity and color, or</li> </ul>	udge volume produc	ed);	
	run volumes, head losses, length of filter runs, frequency of backwash, amount of babackwash rates);			
	<ul> <li>process performance records for time-soda ash softening (e.g., source water and proc coagulation/flocculation, sedimentation, and filtration);</li> </ul>	ess effluent hardne	ss in addition	i to records for
	<ul> <li>process performance records for ion exchange softening (e.g., feed and bypass flows.</li> <li>process performance records for reverse osmosis (e.g., feed, product, and brine flows.</li> </ul>		•	
	turbidity; product pH and conductivity; and brine pH and conductivity); and  process performance records for electrodialysis le.g., polarity, feed temperature and to dissolved solids, dilute flow rate, brine make-up, pressures, and volts/amps).	otal dissolved solids	, product co	nductivity and total
		01 3.		2263

	Charles H. Shelton	2257
Signature and Date	Name and Certificate Number (please type or	print)

Page 1

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE B-200
JACKSONVILLE, FLORIDA 32256-7577

Mouthly Operation Report for	Public Water	Systems that Use	Ground Water
and for Consecutive Public V	Vater System	s that Treat Thei	r Water

				•
NI-MIESSIMINO	Ofr	**	62-655	10101 0.

rstem i	۲₩S	Identification	Humber:	2450364
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Treatment Plant Hame: Number 2 Water Works

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF ____ September 1997_

• Type of Residual Disinfectant Maintained in Distribution System Served by Plant: & free chlorine; O combined chlorine (chloramine); O chlorine dioxide

				- Residual			
Day of the Month	Plant in	Quantity of Finished Water Produced by Plant (gallons)	Lowest Residual Disinfectant (1) Concentration et Entry to Distribution System (mg/L)*	Lowest Residual Disinfectant Concentration at Remote Point (mg/L)*	Number of Instances Where Residual Disinfectant Measuroments Taken at Total Collorm Sampling Points	Lowest Residual Disinfectant (Concentration at Total Colllorm Sampling Points (mg/U)	Reported Emergency or Abnormal Operating Conditions
1	24	1,830,600	1,0				1
2	24	1.830,900	1.0				
3	24	1,483,200	2.5				
4	24	1,736,700	2.5	,	5	0.4	
5	24	1,427,100	1.0		1		-
6	24	1,763,000	1.5				
7	24	1,972,550	2.1				
8	24	1,972,550	2.1				
. 9	24	1,943,900	2.5				
10	24	2,016,000	1.6		5	0.5	
11	24	1,329,200	2.3			i	
12	24	1,468,100	2.0		<u> </u>		
:3	1 24 1	1,638,200	2.0		·	i	
14	i 24 ;	1,990,700	2.5				
15	1 24 1	1,990,700	2.5		1	· · · · · · · · · · · · · · · · · · ·	
16	24 1	1,857,500	1.8				
17	24	2,041,900	1.2		6 '	0.4	
16	24 1	1,863,000	2.0				
19	1 24 1	1,858,100	1.8			<u> </u>	
20	24	1,901,500	2.0				
າ 21	24	2,037,800	2.2				
22	24	2,037,800	2.2				
23	24	1,800,100	2.0				
24	24	1,228,100	2.2				<u> </u>
25	24	1,508,300	2.5				
26	-24	1,336,700	2.0				
27	24	1,120,433	2.0				
28	24	1,120,433	2.5				
29	24	1,120,434	2.5				
30	24	1,291,600	2.2			L	
31		1,291,000	4.6				
	1000000						00000000
	XXXXXX		XXXXXXXXXXXX			XXXXXXXXXX	
Avç.	<u> </u>				XXXXXXXXXXXXX		
	XXXXXX	2,041,900			XXXXXXXXXXXXX		

If at any time the residual disinfectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wife or telephone within 24 hours pursuant to Rule 62-555, 350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chiorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chloring and notify the Department or the appropriate ACPP/U by wire or telephone within 24 hours pursuant to Rule 62-555.350(3), F.A.C.



Signature and Date

## Department of Environmental Protection

Anarosta/Sustante DEF Form 62-666.310(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN	STRUCTIONS: See Page 5.	
1.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFOR	MATION
	Water System Information  System Name: Florida Public Utilities Company  System Owner  Name: Florida Public Utilities Company  Address: P.O. Box 418, 911 South 8th Street  City: Fernandina Beach  System Type: B community: O non-transient non-community; O non-community;  No. of Service Connections at End of Reporting Month: 6,037: Total Popul	PWS Identification No.: 2450364  Telephone No.: 904/261-3663  State: FL Zip Code: 32035  Consecutive  Intion Served at End of Reporting Month: 11,900
	Water Treatment Plant Information  • Treatment Plant Name: Number 1 Water Works  Address: North 11th Street & Atlantic Avenue City: Fernandina Beach	Telephone No.: 904/277-1971
11.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH!	YEAR OF October 1997 : See Page
III.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER EPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT	·
١٧.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR	· ·
	I, the undersigned lead/chief operator of the water treatment plant listed in Part belief, the information provided in this report is true and accurate.	of this form, certify that, to the best of my knowledge an
	Also, I certify that the following additional operations records applicable to this posited the plant during the reporting month indicated on this report and that these site for not less than five years:	lant were prepared each day a certified operator staffed or records will be maintained available for review at the plant
	<ul> <li>records of amounts of chemicals used and chemical feed rates;</li> <li>process performance records for coagulation/flocculation (e.g., source water effluent pH and alkalinity in addition to chemical feed rates);</li> <li>process performance records for sedimentation (e.g., process effluent turbidity and run volumes, head losses, length of filtration (e.g., process effluent turbidity and backwash rates);</li> <li>process performance records for time-soda ash softening (e.g., source water coagulation/flocculation, sedimentation, and filtration);</li> <li>process performance records for ion exchange softening (e.g., feed and bypa process performance records for reverse osmosis (e.g., feed, product, and biturbidity; product pH and conductivity; and brine pH and conductivity);</li> </ul>	ly and sludge volume produced); d color, number of filters in service, filtration rates, unit filter unt of backwash water used, duration of backwash, and and process effluent hardness in addition to records for ss flows, blend rate, and salt and brine used);
	<ul> <li>process performance records for electrodialysis (e.g., polarity, feed temperations) dissolved solids, dilute flow rate, brine make-up, pressures, and volts/amps).</li> </ul>	ure and total dissolved solids, product conductivity and total

<u>Charles H. Shelton</u> 2257.

Name and Certificate Number (please type or print)

Page 1

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE B-200
JACKSONVILLE, FLORIDA 32256-7577

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

Attenuta/Substitute DEr Form 67-655.910(3)

stem	PWS	Identification	Number:	2450364

Treatment Plant Name: Number 1 Water Works

11. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHLYEAR OF October 1997

• Type of Residual Disinlectant Maintained in Distribution System Served by Plant: Stee chlorine; Combined chlorine (chloramine); Chlorine dioxide

				Residual Disinfectant in Distribution System			Banants d	
Day of the Month	Hours Plant in . Operation	Quantity of Finished Water Produced by Plant (gallons)	Lowest Residual Disinfectant Concentration at Entry to Distribution System (mg/L)*	Residual Disintectent Concentration at Remote	Number of Instances Where Residual Colorinfoctant Measurements Taken set Total Coliform	Lowest Residual Disinfectant Concentration at Total Collorm Sampling Points	Reported Emergency or Abnormal Operating Conditions	
<u> </u>	<u> </u>			Point Img/L)	Sampling Points	:('L/gm)		
1	24	1,837,400	2.0					
2	24	1,843,700	2.0				·	
3	24	2,154,600	2.1					
4	24	1,618,100	2.1	ļ				
5	24	1,931,800	2.2	l				
6	24	1,931,800	2.2					
7	24	2,000,300	2.2					
8	24	1,987,100	2.0		· 5	0.3		
9	24	, 2,005,100	2.1					
10	24	1,990,900	2.1			1		
11	24	1,817,300	2.5					
12	24	1,866,200	2.4		<u> </u>	<u> </u>		
: 3	24	1,866,200	2.4		<u></u>	<u> </u>		
14	24	1,898,500	2.0					
15	24	2,051,900	2.5			0.5		
. 16	24	1,743,200	2.3			1		
17	24	1,622,100	2.2					
18	24	1,596,100	2.2			<u> </u>		
19	24	1,750,300	2.5			1		
20	24	1,750,300	2.5	[				
21	24	1.736,600	2.2					
22	24	1,864,000	2.4		6	0.3		
23	24	1,787,800	2.5					
24	24	1,776,700	2.2					
25	24	1,571,800	2.2					
26	24	1,788,100	2.2					
27	24	1,788,100	2.2	-				
28	24	1,584,500	2.2					
29	24	1.598.000	2.2					
30	24	1,703,800	2.2					
31	24	1,793,800	2.2					
Total	XXXXXX	56,256,100	xxxxxxxxxxx			XXXXXXXXXX		
Avç.	XXXXXX	1,814,713			XXXXXXXXXXXXX			
LxsM	XXXXXX	2,154,600 residual disinfectan: conc	XXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXX	XXXXXXX	

If at any time the residual disinfectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department of the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555.350(3), F.A.C.

Page 1

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wife or telephone within 24 hours pursuant to Rule 62-555.250(3), F.A.C.



Signature and Date

### Department of Environmental Protection

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN	STRUCTIONS: See Page 5.
ί.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION
	Water System Information  System Name: Florida Public Utilities Company PWS Identification No.: 2450364  System Owner
	Name: Florida Public Utilities Company Telephone No.: 904/261-3663 Address: P.O. Box 418, 911 South 8th Street
	City: Fernandina Beach State: FL Zip Code: 32035
	System Type: & community; O non-transient non-community; O non-community; O consecutive
	• No. of Service Connections at End of Reporting Month: 5997: • Yotal Population Served at End of Reporting Month: 11,900
	Water Treatment Plant Information
	• Treatment Plant  Name: Number 2 Water Works Telephone No.: 904/277-1972
	Address: 2203 Ryan Road
	City: Fernandina Beach State: FL Zip Code: 32034
	Permitted Maximum Day Capacity of Plant: 4.5 gpd; Plant Category and Class per Rule 62-699.310(3), F.A.C.: C
	• Plant Operators: See Page 3.
11.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF October 1997 : See Page
Ш.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONTAINING ACRYLAMIDE, POLYMER CONTAINING EPICHLORGHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT: See Page 4.
١٧.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR
	L, the undersigned lead/chief operator of the water treatment plant listed in Part I of this form, certify that, to the best of my knowledge and belief, the information provided in this report is true and accurate.
	Also, I certify that the following additional operations records applicable to this plant were prepared each day a certified operator stalled or visited the plant during the reporting month indicated on this report and that these records will be maintained available for review at the plant site for not less than five years:
	<ul> <li>records of amounts of chemicals used and chemical feed rates;</li> <li>process performance records for coagulation/flocculation (e.g., source water temperature, pH, turbidity, color, and atkalinity and process effluent pH and atkalinity in addition to chemical feed rates);</li> </ul>
	<ul> <li>process performance records for sedimentation (e.g., process effluent turbidity and sludge volume produced);</li> </ul>
	<ul> <li>process performance records for filtration (e.g., process effluent turbidity and color, number of filters in service, filtration rates, wait filter run volumes, head losses, length of filter runs, frequency of backwash, amount of backwash water used, duration of backwash, and backwash rates):</li> </ul>
	• process performance records for time-soda ash softening (e.g., source water and process effluent hardness in addition to records for
	coagulation/flocculation, sedimentation, and filtration);
	<ul> <li>process performance records for ion exchange softening le.g., feed and bypass flows, blend rate, and salt and brine used);</li> <li>process performance records for reverse osmosis (e.g., feed, product, and brine flows; feed pressure, temperature, pH, conductivity, and</li> </ul>
	turbidity; product pH and conductivity; and brine pH and conductivity); and
	<ul> <li>process performance records for electrodialysis (e.g., polarity, feed temperature and social dissolved solids, product conductivity and total dissolved solids, dilute flow rate, brine make-up, pressures, and voltslamps).</li> </ul>
	Charles H. Shelton 2257

Charles H. Shelton

Name and Certificate Number (please type or print)

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION HORTHEAST DISTRICT 7825 BAYMEADOWS WAY, SUITE B-200 JACKSONVILLE, FLORIDA 32256-7577

Page 1

### Mouthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

Alemate/Sustation DEP Form \$2-855.910101

stem PMS Identification Number:	2450364
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Treatment Plant Name: Number 2 Water Works

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF October 1997

• Type of Residual Distribution Maintained in Distribution System Served by Plant: Stree chlorine; Combined chlorine (chloramine); Cochlorine dioxide

				- Residual Disinfectant in Distribution System			· :
Day of the	Plant in	Quantity of Finished Water Produced by Plant		Residual	Number of Instances Where Residuel	Lowest Residual Disinfectant	Reported Emergency or Abnormal
Month	Operation	(gallons)	Entry to Distribution System (mg/L)*:	Concentration at Remote Point (mg/L)	Measurements Taken at Total Coliform Sampling Points	Total Coliform Sampling Points Img/LI	Operating Conditions
1	24	1,354,500	2.0				
2	24	1,491,800	2.0				
3	24	1,469,400	2.0				
4	24	1,731,800	2.0				
5	24	1,759,400	1.4				
6	- 24	1,759,400	1.4				
7	24	1,609,000	2.2				
8	24	1,967,000	2.0		1 5	0.3	
9	24	1,973,500	2.2	1	1		
10	24	1,879,000	2.2	ĺ	i		
11	24	1,757,700	2.0				
12	24	1,789,700	1.6				
:3	24 1	1,789,700	1.6	i		1	i i
14	24 1	1,745,200	1.8	!	1		
15	24 1	1,649,700	1.6	1	1 5	0.5	
16	24 1	1,363,200	2.5		1		
17	24	1,120,500	2.2				
16	24	1,188,400	2.2	1			
15	24	1,255,850	2.1				
20	24	1,255,850	2.1		1		
21	24	1,376,000	2.2		!		
22	24	1,425,400	1.5		6	0.3	
23	24	1,496,600	1.0				
24	24	1,562,800	1.0				
25	24	1,087,700	2.5				•
26	· 24	1.242.450	2.4		-		
27	24	1,242,450	2.4	1			
28	24	989,000	2.2				
29	24	1,149,300	2.2				
30	24	1,152,800	2.2				
31	24	1,219,100	2.2				
Total	XXXXXX	45,854,200	XXXXXXXXXXXX	XXXXXXXXXX	16	xxxxxxxxxx	XXXXXXXX
Avg.	XXXXXX		XXXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXX
.xshi	XXXXXX		xxxxxxxxxxx	XXXXXXXXX	XXXXXXXXXXXXX	xxxxxxxxxx	XXXXXXXX

If at any time the residual disinfectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555.350/31, F.A. C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notity the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555,250(3), F.A.C.



Signature and Date

## Department of Environmental Protection

Abernatedialetines Det form 62-886.910(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

11	ISTRUCTIONS: See Page 5.			
١.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATION			
	Water System Information  System Name: Florida Public Utilities Company  System Owner  Name: Florida Public Utilities Company	_ PWS Identifica _ Telephone Ho.:		2450364 1-3663
	Address: P.O. Box 418, 911 South 8th Street City: Fernandina Beach	State: FL	Zip Code:	32035
	• System Type:   Community: □ non-transient non-community: □ non-community: □ consections at End of Reporting Month: 6047: • Total Population Service	utive	•	
	Water Treatment Plant Information	•		
	• Treatment Plant Name: Number 1 Water Works	Telephone Na.:	904/27	7-1971
	Address: North 11th Street & Atlantic Avenue City: Fernandina Beach	State: FL	Zio Code:	32034
	Permitted Maximum Day Capacity of Plant: 5.7 gpd; Plant Category and C     Plant Operators: See Page 3.			
11.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR OF	Novembe	r 1997	: See Page
111.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF PULYMER CONTAIN EPICHLORGHYDRIM, AND/OR IRON AND MANGANESE SEQUESTRANT: See Pa		NOE, POLY	MER CONTAINING
ı٧.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR	•		
	I, the undersigned leadschief operator of the water treatment plant listed in Part I of this belief, the information provided in this report is true and accurate.	orm, certily that,	to the best	ol my knowledge and
	Also, I certify that the following additional operations records applicable to this plant were visited the plant during the reporting month indicated on this report and that these records wi site for not less than five years:			
	<ul> <li>records of amounts of chemicals used and chemical feed rates;</li> <li>process performance records for coagulation/flocculation (e.g., source water temperature effluent pH and alkalinity in addition to chemical feed rates);</li> </ul>	re. pH, turbidity, (	colór, and all	calinity and process
	<ul> <li>process performance records for sedimentation (e.g., process effluent turbidity and slut</li> <li>process performance records for filtration (e.g., process effluent turbidity and color, nurron volumes, head losses, length of filter runs, frequency of backwash, amount of backwash rates):</li> </ul>	mber of filters in	service, filtr	
	<ul> <li>process performance records for time-soda ash softening (e.g., source water and proce coagulation/flocculation, sedimentation, and filtration).</li> </ul>	ss ellluent hardni	ess in additio	n to records for
	<ul> <li>process performance records for ion exchange softening le.g., feed and bypass flows, is process performance records for reverse osmosis le.g., feed, product, and brine flows; turbidity; product pH and conductivity; and brine pH and conductivity; and</li> </ul>			
	<ul> <li>process performance records for electrodialysis (e.g., polarity, feed temperature and toldissolved solids, dilute flow rate, brine make-up, pressures, and voltslamps).</li> </ul>	ial dissolved solid	s. produci co	onductivity and total
		U - Cl - 1		2052

P 50/E

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE B-200
JACKSONVILLE, FLORIDA 32256-7577

Name and Certificate Number (please type or print)

Mouthly Operation Report for Public Water	Systems that Use Ground Water
and for Consecutive Public Water System	is that Treat Their Water

Al-missonius - DEr Fem 67-655.910(3)

System PWS Identification Number: 2450364

Treatment Plant Name: Number 1 Water Works

### II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF November 1997

• Type of Residual Disinlectant Maintained in Distribution System Served by Plant: 5 free chlorine; © combined chlorine (chloramine); © chlorine dioxide

			Lawrent Braid at	_ Residual	- Residual Disinfectant in Distribution System		
Day:of the Month	Plant in .	t in   Water Produced by Plant	Disinfectant : Concentration at Entry to Distribution System (mg/L)	Lowest Residual Disinfectant Concentration at Remote Point Img/L	Number of Instances Where Residual Disinfectant Measurements Taken at Total Coliform Sampling Points	Disinfectant Concentration at	or Abnorma
1	24	1,758,800	2.0				
2	24	1,621,250	2.5			1	
3	24	1,621,250	2.5				
4	24	1,699,300	2.2				
5	24	1,733,500	2.2				
6	24	1,719,400	2.2	1	5	0.4	
7	24	1,732,600	2.2				
8	24	1,872,400	2.0		i ·	T	
9	24	1,534,200	2.5				
10	24	1,534,200	2,5			1	
11	24	1,584,700	2.2			i	1
12	24	1,642,800	2.0		i	i	1
:3 {	24	1,480,900	2.2		; 5	1 0.4	i
14	24 1	1,483,300	2.0		i	i	l
15	24 !	1,596,200	2.0		1	1	
16	24 1	1,535,850	2.2			i	
17	24	1,535,850	2.2		1	i	
16	24	1,591,600	1.5		i	<del> </del>	
19	24	1,422,600	2.5		6	0.4	
20	24	1,681,200	2.5	· <del></del>	<u> </u>	i	
21	24	1,336,000	2.5		1		
22	24	1,485,600	2.5			i -	
23	24	1,718,950	2.2			<u> </u>	
24	24	1,718,950	2.2				
25	24	1,606,200	2.1		<del> </del>	<del> </del>	
26	24	1,661,400	2.2				
27 -	24	1,574,800	2.0	<del>-</del>			
28	24	1,653,200	2.2				
29	24	1,749,400	2.2				
30	24	1,516,250	2.2				
31							<del> </del>
otal [	xxxxxx	48,402,650	XXXXXXXXXXXX	XXXXXXXXXX	16	xxxxxxxxxx	XXXXXXXX
<u>-</u> -	xxxxxx	10,102,030		•	16 XXXXXXXXXXXXXX		
	XXXXXX		<u>`</u>		XXXXXXXXXXXXXXX		

If at any time the restoual distriction: concentration at the entry to the distribution system props below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chitwine dose until the residual distriction concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wife or telephone within 24 hours pursuant to Rule 62-555.350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACP2/U by wire or telephone within 24 hours pursuant to Nule 62-555, 350/3), F.A.C.

Page 2



Signature and Date

### Department of Environmental Protection

Anumaterianian DEP Form 62-666.910(3)

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

IN	INSTRUCTIONS: See Page 5.	
l.	. GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORMATI	ON
	Water System Information  System Name: Florida Public Utilities Company  System Owner  Name: Florida Public Utilities Company  Address: P.O. Box 418, 911 South 8th Street  City: Fernandina Beach  System Type: 8 community: 0 non-transient non-community: 0 non-community: 0 cor	PWS Identification No.: 2450364 Telephone No.: 904/261-3663 State: FL Zip Code: 32035
	• No. of Service Connections at End of Reporting Month: 6047: • Total Population	
	Water Treatment Plant Information  Treatment Plant  Name: Number 2 Water Works  Address: 2203 Ryan Road	Telephane Na.: 904/277-1972
	Cuy: Fernandina Beach	State: FL Zip Code: 32034
	◆Permitted Maximum Day Capacity of Plant: 4.5 gpd; ◆Plant Category at ◆Plant Operators: See Page 3.	nd Class per Rule 62-699.310(3), F.A.C.: C
11.	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHIYEAR	OF November 1997 : See Page
111.	I. SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER CONT EPICHLORGHYDRIN, ANDIOR IRON AND MANGANESE SEQUESTRANT: Se	
ı٧.	. STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR	
	I, the undersigned lead/chief operator of the water treatment plant listed in Part I of th belief, the information provided in this report is true and accurate.	is form, certify that, to the best of my knowledge an
	Also, I certify that the following additional operations records applicable to this plant wisited the plant during the reporting month indicated on this report and that these record site for not less than five years:	· · · · · · · · · · · · · · · · · · ·
	<ul> <li>records of amounts of chemicals used and chemical feed rates;</li> <li>process performance records for coagulation/flocculation (e.g., source water temper effluent pH and alkalinity in addition to chemical feed rates);</li> </ul>	
	<ul> <li>process performance records for sedimentation (e.g., process effluent turbidity and process performance records for filtration (e.g., process effluent turbidity and color run volumes, head losses, length of filter runs, frequency of backwash, amount of backwash rates):</li> </ul>	, number of filters in service, filtration rates, unit filte
	<ul> <li>process performance records for lime-soda ash softening le.g., source water and processing the process performance records for lime-soda ash softening le.g., source water and processing the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of the process of th</li></ul>	ocess effluent hardness in addition to records for
	<ul> <li>process performance records for ion exchange softening (e.g., feed and bypass flow</li> </ul>	vs. blend rate, and salt and brine used);
	process performance records for reverse osmosis (e.g., feed, product, and brine flor     which we need and and residual and brine all and conductivity); and	ws; feed pressure, temperature, pH, conductivity, and
	<ul> <li>turbidity; product pH and conductivity; and brine pH and conductivity); and</li> <li>process performance records for electrodialysis (e.g., polarity, feed temperature and dissolved solids diffuse flow rate brine make up pressures and volts/amos).</li> </ul>	s total dissolved solids, product conductivity and total

Page 1

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION NORTHEAST DISTRICT 7825 BAYMEADOWS WAY, SUITE B-200 JACKSONVILLE, FLORIDA 32256-7577

Charles H. Shelton

Name and Certificate Number (please type or print)

Mouthly Operation Report for Public W	ater Systems that Use Ground Wa	ster
and for Consecutive Public Water Sys	stems that Treat Their Water	

ATHORIES UDITION	01	62-655.910	

System PWS Identification Number: 2450364

Treatment Plant Harme: Number 2 Water Works

I. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF November 1997

• Type of Residual Disinfectant Maintained in Distribution System Served by Plant: 💆 free chlorine: 🗅 combined chlorine (chloramine):

			Lowest Residual	- Residua	l Disintectant in Distribu	ution System	
Day of the Month	Plant in Operation		Disinfectant :	Lowest Residual Disintectant Concentration at Remote Point (mg/L)*	Number of Instances Where Residual ElDisinfectant, Measuroments Taker at Total Collorm Sampling Points	Disinfectant Concentration a	or Abnormal Operating Conditions
1	24	1,246,400	2.0				
2	24	1,006,700	2.4				<del> </del>
3	24	1,006,700	2.4				†************
4	24	1,159,800	2.2			<del>                                     </del>	<del> </del>
5	24	1,295,400	2.2		1		<del> </del>
6	24	1,238,300	2.2	1	5	0.4	<del> </del>
7	24	1,174,900	2.3		<del>                                     </del>	7.4	
8	24	1,114,600	2.5	<del> </del>	1	1	<del>                                     </del>
. 9	24	1.347.300	2.1	1	<del></del>		<del> </del>
10	24	1,347,300	2.1		1	1	1
11	24	1,396,200	2.2	i	<del> </del>		i
12	1 24	1,483,500	2.1	1	1	<u> </u>	<del>i</del> -
:3	1 24 1	984,500	2.0	i	5	1 0.4	<u> </u>
14	24	1,080,000	2.0	I	1	1	1
15	24 !	1,229,800	2.0	1		İ	1
16	24	1,336,750	2.0	1	1	1	i
17	24	1,336,750	2.0	l	1	1	i
16	24	1,299,400	1.8		1	l l	i i
19	24	1.671.400	1.8	1	6	0.4	İ
20	24	1,378,500	2.0			Ī	[
121	24	1,756,700	2.0				1
22	24	1,458,300	2.7			i	i
23	24	1,544,550	2.2				i
24	24	1,544,550	2.2			<del> </del>	· · · · · · ·
25	24	1,480,500	1.4			i — — — — —	i
26	24	1,598,600	2.4				
27	24	1,606,100	1.8				i
28	24	1,331,100	1.8				
29	24	1,439,200	2.4				
30	24	1.132.800	2.4				
31							
Total	XXXXXX	40,026,600	******	XXXXXXXXXX	16	xxxxxxxxxx	XXXXXXXX
Avç.	XXXXXX		XXXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXXX		XXXXXXXX
	XXXXXX				XXXXXXXXXXXXXX		XXXXXXXX

If at any time the residual disinectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555.350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chibrine, immediately increase the chibrine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chibring and notify the Department or the appropriate ACRU by wife or telephone within 24 hours pursuant to Rule 62-555.350/3), F.A.C.

Page 2

Department of **Environmental Protection** 

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

INSTRUCTIONS: See Page 5.

Water System Information

l.	GENERAL	WATER	SYSTEM	AND	WATER	TREATMENT	PLANT	INFORMATION
----	---------	-------	--------	-----	-------	-----------	-------	-------------

System Name: Florida Public Utilities Company	PWS Identification No.: 2450364
System Owner	
Name: Florida Public Utilities Company	Telephone No.: 904/261-3663
Address: P.O. Box 418, 911 South 8th Street	
City: Fernandina Beach	State: FL Zip Code: 32035
<ul> <li>System Type:</li></ul>	
Water Treatment Plant Information	•
• Treatment Plant	
Name: Number 1 Water Works	Telephone No.: 904/277-1971
Address: North 11th Street & Atlantic Avenue	
City: Fernandina Beach	State: FL Zip Code: 32034
Permitted Maximum Day Capacity of Plant: 5.7 gpd;    Plant Categorations: See Page 3.	ory and Class per Rule 62-699.310(3), F.A.C.:C
SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHLY	EAR OF <u>December 1997</u> : See Page 2
SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER C EPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT:	• • • • • • • • • • • • • • • • • • • •

IV. STATEMENT BY LEAD/CHIEF WATER TREATMENT PLANT OPERATOR

L the undersigned lead/chief operator of the water treatment plant listed in Part I of this form, certify that, to the best of my knowledge and belief, the information provided in this report is true and accurate.

Also, I certify that the following additional operations records applicable to this plant were prepared each day a certified operator staffed or visited the plant during the reporting month indicated on this report and that these records will be maintained available for review at the plant site for not less than five years:

- records of amounts of chemicals used and chemical feed rates;
- process performance records for coagulation/flocculation (e.g., source water temperature, pH, turbidity, color, and alkalinity and process effluent pH and alkalinity in addition to chemical feed rates];
- process performance records for sedimentation (e.g., process elliuent turbidity and sludge volume produced);
- process performance records for filtration (e.g., process effluent turbidity and color, number of filters in service, filtration rates, unit filter run volumes, head losses, length of filter runs, frequency of backwash, amount of backwash water used, duration of backwash, and
- process performance records for lime-soda ash softening le.g., source water and process effluent hardness in addition to records for coagulation/flocculation, sedimentation, and filtration);
- process performance records for ion exchange softening le.g., feed and bypass flows, blend rate, and salt and brine used);
- process performance records for reverse osmosis le.g., feed, product, and brine flows; feed pressure, temperature, pH, conductivity, and turbidity; product pH and conductivity; and brine pH and conductivity); and
- process performance records for electrodialysis (e.g., polarity, feed temperature and total dissolved solids, product conductivity and total dissolved solids, dilute flow rate, brine make-up, pressures, and voltsfamps).

	Charles H. Shelton	2257 .	
Signature and Date	Name and Certificate Number (please type or orint)		

Page 1

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION HORTHEAST DISTRICT 7825 BAYMEADOWS WAY, SUITE B-200 JACKSONVILLE, FLORIDA 32256-7577

Mouthly Operation R	eport for Public	: Water Systems	that Use	Ground Wa	iter
and for Consecutiv	e Public Water	Systems that To	eat Their	Water	

AIRMIE/SURVINA.	06 - 6	62-655.910(3)

System PWS Identification Number: 2450364

Treatment Plant Name: Number 1 Water Works

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF December 1997

• Type of Residual Disintectant Maintained in Distribution System Served by Plant: Diffee chlorine; O combined chlorine (chloramine); O chlorine dioxide

			Lawest Residual	Residual	Disinlectant in Distribu	tion System	Reported
Day 0 the Monti	Plant in : Operation		Disinfectant	Residual Disinfectant Concentration at Remote Point (mg/L)*	Number of Instances Where Residual Disinfectant Measurements Taken at Total Coliform Sampling Points	Disinfectant Concentration at	er:Abnormal
	24	1,516,250	2.2				
2	24	1,743,600	2.0				
3	24	1,601,800	2.1				
4	24	1,549,600	2.2		5	0.3	
5	24	1,590,200	2.2				
6	24	1,436,100	2.2				
7	24	1,664,750	2.2				
8	24	1,664,750	2.2		] ·		
9	24	1,575,900	2.1	1			
10	24	1,548,300	2.0	<u> </u>	<u> </u>		1
11	24	1,605,400	2.2		5	0.3	1
12	24	1,543,400	2.2	<u> </u>	1		1
:3	24	1,402,900	2.2	1	1	1	1
14	1 24 1	1,521,550	2.5	<u> </u>		1	i
15	24 1	1,521,550	2.5	<u> </u>		1	1
16	1 24 1	1,564,100	2.3	l	1	1	1
17	1 24 1	1,561,900	2.0	1		1	1
18	24	1,535,000	2.0	1	6	0.35	1
19	24	1,547,500	2.2		1		
. 20	24	1,657,200	1.8		1	}	
21	24	1,446,250	2.0		1	1	
22	24	1,446,250	2.0				
23	24	1,484,000	2.1				
24	24	1,498,000	2.0			i	
25	24	1,367,600	2.0				
26	. 24	1,497,200	2.1				
27	24	1,416,400	2.1				
28	24	1,461,250	2.2				
29	24	1,461,250	2.2	<del></del> -			
30	24	1,393,800	2.2	•	1		
31	24	1,545,400	2.0				
Total	XXXXXX		xxxxxxxxxxx	XXXXXXXXXX	1.6	XXXXXXXXXXX	XXXXXXXX
Avc.	XXXXXX				16		XXXXXXXX
.xshi	XXXXXX	#12571451			XXXXXXXXXXXXX		
		esiqual gisinieciani conce					

If at any time the restoual distriction: concentration at the entry to the distribution system drops below the education (0.2 mg/L of free available chlorine, immediately increase the chikvine dose until the residual disinfectage concentration is at least equivalent to 0.2 Rule 63.555 350/31 E.Z.O. Rule 62-555.350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/l, of free available chiorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual distribution concentration is at loss tectivalent to 0.2 mg/L of free available chloring and notity the Department or the appropriate ACPHU by wite or telephone within 24 hours pursuant to Rule 62-555.250(3), F.A.C.

Page 2



Signature and Date

## Department of Environmental Protection

Abornerofisamente DEF Form 62-886,910(3,

2257

Monthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

۱N	STRUCTIONS: See Page 5.	
1.	GENERAL WATER SYSTEM AND WATER TREATMENT PLANT INFORM	NOITAI
	Water System Information  System Name: Florida Public Utilities Company System Owner	PWS Identification No.: 2450364
•	Name: Florida Public Utilities Company Address: P.O. Box 418, 911 South 8th Street	Telephone Ho.: 904/261-3663
	City: Fernandina Beach  System Type: @ community: O non-transient non-community: O non-community: O  No. of Service Connections at End of Reporting Month: 6070 : - Total Popula	State: FL Zip Code: 32035
	Water Treatment Plant Information  Treatment Plant	
	Name: Number 2 Water Works Address: 2203 Ryan Road	Telephone No.: 904/277-1972
	City: Fernandina Beach  • Permitted Maximum Day Capacity of Plant: 4.5 gpd; • Plant Catego  • Plant Operators: See Page 3.	\$\text{State: FL Zip Code: 32034} \text{Uy and Class per Rule 62 699.310(3), F.A.C.: C}
	SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTHLY	EAR OF December 1997 : See Page 2.
l.	SUMMARY OF USE, AT WATER TREATMENT PLANT, OF POLYMER COEPICHLOROHYDRIN, AND/OR IRON AND MANGANESE SEQUESTRANT:	
١.	STATEMENT BY LEADICHIEF WATER TREATMENT PLANT OPERATOR	
	1, the undersigned lead/chief operator of the water treatment plant listed in Part 1 obelief, the information provided in this report is true and accurate.	of this form, certify that, to the best of my knowledge and
	Also, I certify that the following additional operations records applicable to this pla visited the plant during the reporting month indicated on this report and that these re site for not less than five years:	
	<ul> <li>records of amounts of chemicals used and chemical feed rates;</li> <li>process performance records for coagulation/flocculation (e.g., source water terefluent pH and alkalinity in addition to chemical feed rates);</li> </ul>	
	<ul> <li>process performance records for sedimentation (e.g., process effluent turbidity process performance records for filtration (e.g., process effluent turbidity and or run volumes, head losses, length of filter runs, frequency of backwash, amount backwash rates);</li> </ul>	color, number of filters in service, filtration rates, unit filter
	<ul> <li>process performance records for time-soda ash softening le.g., source water ar coagulation/flocculation, sedimentation, and filtration);</li> </ul>	nd process effluent hardness in addition to records for
	<ul> <li>process performance records for ion exchange softening le.g., feed and bypass</li> <li>process performance records for reverse osmosis (e.g., feed, product, and brine turbidity; product pH and conductivity; and brine pH and conductivity); and</li> </ul>	
	<ul> <li>process performance records for electrodialysis (e.g., polarity, feed temperature dissolved solids, dilute flow rate, brine make-up, pressures, and voltsfamps).</li> </ul>	e and total dissolved solids, product conductivity and total

Page 1

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST DISTRICT
7825 BAYMEADOWS WAY, SUITE B-200
JACKSONVILLE, FLORIDA 32256-7577

Charles H. Shelton

Name and Certificate Number (please type or print)

## Mouthly Operation Report for Public Water Systems that Use Ground Water and for Consecutive Public Water Systems that Treat Their Water

A			
Memiersonium	Distan	62-635,910(3)	

System PWS Identification Humber: 2450364

Treatment Plant Name: Number 2 Water Works

II. SUMMARY OF DAILY WATER TREATMENT DATA FOR THE MONTH/YEAR OF December 1997

Type of Residual Disinfectant Maintained in Distribution System Served by Plant: 
 If the chlorine Combined Chlorine (chloriamine):

□ Chlorine dioxide

	T			- Residual	Disintectant in Distribu	tion System	
Day of the Month	Plant in .	Quantity of Finished Water Produced by Plant (gallons)	Lowest Residual Disinfectant y Concentration at Entry to Distribution System (mg/L)*	Lowest Residual Disinfectant Concentration at Remote Point (mg/L)	Number of Instances Where Residual Disinfectant Measurements Taken at Total Collorm Sampling Points		Reported Emergency or Abnormal Operating Conditions
	24	1,132,800	2.4				
2	24	1,400,300	2.0				
3	24	1,270,400	1.6				
4	24	1,102,600	2.2	Ī	5	0.3	
5	24	1,253,600	2.2			1	
6	24	1,120,600	2.1			;1	
7	24	1,440,950	1.9				
8	24	1,440,950	1.9	1	•		
9	24	1,128,200	2.2	1			
10	24	1,067,000	2.1	1	i		
11	24	1,035,600	2.1		5	0.3	
12	1 24	994,900	2.5	l	l .		
: 3	1 24	839,100	2.0	<u> </u>		!	
16	1 24	1,156,250	2.0			i	
15	1 24	1,156,250	2.0		1		
16	24	1,190,500	1.8				
17	24	1,137,100	1.8			1	
18	1 24	1,126,700	1.8		6	0.35	
. 19	24	1,113,400	1.9	1			
20	24	1,424,200	1.5				
. 21	24	1,081,150	1.6				
22	24	1,081,150	1.6				
23	24	960,500	1.8				
24	24	949,800	2.3				
25	24	996,200	2.0				
26	24	897,200	1.7				
27	24	875,900	1.0	-			
28	24	1,140,450	1.7				
29	24	1,140,450	1.7				
30	24	1,310,400	1.9				
31	24	1,311,800	1.8				
Total	XXXXXX	35,276,400	XXXXXXXXXXXX	XXXXXXXXX	16	XXXXXXXXXX	XXXXXXX
Avg.	XXXXXX	1,137,948	XXXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXX
Asx.	XXXXXX	1,440,950	XXXXXXXXXXX	XXXXXXXXX	XXXXXXXXXXXXX	XXXXXXXXXX	XXXXXXXX

If at any time the residual disinfectant concentration at the entry to the distribution system drops below the equivalent of 0.2 mg/L of free available chlorine, immediately increase the chlorine dose until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555,350(3), F.A.C.

If at any time the residual disinfectant concentration in the distribution system drops below the equivalent of 0.2 mg/L of free available chiorine, immediately increase the chlorine dose and/or flush appropriate portions of the distribution system until the residual disinfectant concentration is at least equivalent to 0.2 mg/L of free available chlorine and notify the Department or the appropriate ACPHU by wire or telephone within 24 hours pursuant to Rule 62-555-250(3), F.A.C.

Page 2

### SECTION 5

Most recent Sanitary Survey and Inspection Report

## FLORIDA PUBLIC UTILITIES COMPANY COMPANY CORRESPONDENCE



DATE:

APRIL 30, 1999

TO:

CERYL MARTIN

FROM:

PATRICK M. FOSTER P.E.

SUBJECT: SECTION 5, ADDITIONAL ENGINEERING INFORMATION

Dear Ceryl:

All deficiencies identified as part of the Plant Inspection Report were corrected immediately, the department was notified of the corrections, and they are satisfied.

If you have any questions or desire further information, please contact me at (904) 277-1957.

Patrick M. Foster P.E.

Division Manager



# Department of Environmental Protection

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590
February 22, 1999

David B. Struhs
Secretary

Mr. John Mandrick Florida Public Utilities Company 911 South 8TH Street Fernandina Beach, Florida 32034

Dear Mr. Mandrick:

Nassau County-Potable Water Florida Public Utilities Company PWS ID: 2450364

On February 18 1999, a field inspection was performed in the above referenced facility by Mr. Scott Trigg and myself. The inspection was conducted with your and Mr. Carl Anderson's courteous assistance.

During the inspection, a couple of small deficiencies were encountered. The Department is aware that the system is in the middle of intensive remodeling and will recommend the following corrective actions to assure complete compliance with the Florida Administrative Code (F.A.C) Title 62.

### Plant # 1:

- 1. At the time of inspection, the check valve at well # 15 was leaking. Please repair the leak a soon as possible (Rule 62-555.350, F.A.C.).
- 2. Rule 62-555.315(2)(f), F.A.C. requires all suppliers of water to provide a smooth-nosed, down-turned raw water sampling tap. At the time of inspection, raw water taps for the two existing wells were threaded. Please remove the threads.

### Plant #2:

- 1. At the time of inspection, well # 27 was a leaking through the well vent. Please take action to solve this problem (Rule 62-555.350, F.A.C.).
- 2. Rule 62-555.315(2)(f), F.A.C. requires all suppliers of water to provide a smooth-nosed, down-turned raw water sampling tap. At the time of inspection, raw water taps for the two existing wells were threaded. Please remove the threads.

We appreciate your and Mr. Anderson's cooperation during the inspection.

Ir. Mandrick ebruary 22, 1999 age Two

nclosed please find a copy of the inspection and the requested information regarding the 1999 chemical onitoring. If I may be of further assistance to you, please contact me at (904) 448-4330, extension 332. nank you for your cooperation with Florida's Safe Drinking Water Act.

Sincerely,

Reyna E. Miner

Potable Water Engineer

R:SMT:RM

rrespondence File

Nassau County Department of Health



## Department of Environmental Protection

Jeb Bush Governor Northeast District 7825 Baymeadows Way, Suite B200 Jacksonville, Florida 32256-7590

David B. Struhs Secretary

### PUBLIC WATER SYSTEM INSPECTION REPORT

System Na	ame: Flor	rida Public Util	ities (Plant # 1)		Inspec	ction Date:	02/18/99
Location:		nd 11th Street				PWS ID:	2450364-01
Owner:	Florida Pub	lic Utilities				Phone No.:	261-3663
Address	911 South	8th Street, Ferna	ndina Beach, Florid	a. Zip Co	ode: 32034	County:	Nassau
Certified (	Operator:	Charles Shelto	n		<u></u>	Level & No.:	2257C
T	- C C.vata	Community		Т	of Incompanies.	Compliance	
Туре	of System:	Community		Type	of Inspection:	Compliance	
Check Cross Chlo Plant Chlo Chlo Flow Logs X Main Moni Moni Moni Syste Well, Wells Well	iliary Power ck Valve s Connection orination (Disint number of Factioning: Bacteritoring: Bacteritoring: Well Chly Operation ator. Certified Design m Pressure Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete April Concrete Apr	nfection) ng/l Remote DPD cilities riological nical Clearance Reports		There was a leak  The raw water tap	in well # 15	Code	
Comments:							
	_						
						· · · · · · · · · · · · · · · · · · ·	
						·	
It is require	d that a writte	en response be p	provided to this office	e within ten days o	of receipt of thu	s report regarding	any unsaustactory
results listed			_	·	-		
1.11.	R	(001)	\(\sigma_1\)		Data	-0/00/	99
inspector:	Dayno E V	finer, ext. 332	252 333	il address: M	Date: IINER R@JAN	OH WAL	T IIS
1	ксупа Е. М	imer, ext. 332	or c-ma	m address; M	mvek_kr@iyy	CLUEF,STATE,F.	L.OJ



## Department of **Environmental Protection**

Jeb Bush Governor

Northeast District 7825 Baymeadows Way, Suite B200 Jacksonville, Florida 32256-7590

David B. Struhs Secretary

### PUBLIC WATER SYSTEM INSPECTION REPORT

	Utilities (Plant # 2)		Inspec	tion Date:	02/18/99
tion: Ryan Road				_ PWS ID:	2450364-02
er: Florida Public Utilities	11 70 1 70		20024	Phone No.:	261-3663
ess 911 South 8th Street, F		ida. Zip Code:	32034	County:	Nassau
fied Operator: Charles Sh	elton			Level & No.:	2257C
ype of System: Communi	ity	Type of Ins	pection:	Compliance	
		ECTION RESULTS			
Refe		ed with an X are unsatisfac om Title 62, Florida Admir	•	Code	
Aeration	555.350			•	
Auxiliary Power	555.320(6)				
Check Valve	555.330(3)				
Cross Connection	555.360				
Chlorination (Disinfection)	555.350(1)				
Plant mg/l Rem	• •				
Chlorination, Gas	555.320(5)				
Chlorine Test Kit - DPD	555.330			······································	
Flow Meter	555.320(8)				
Logs, on-site	555.350(4)				
Maintenance of Facilities	555.350	Well #27 was leaking the	hrough the	e well vent	
Monitoring: Bacteriological	550.518	Wolf War Was touching to			
Monitoring: Chemical	550.500-521				
Monitoring: Well Clearance	555.315(3)c				
Monthly Operation Reports	550.730(1)d				
Operator, Certified	555.350(2)				
Plant Design	555.330				
System Pressure	555.320(7)	**************************************			
Well, Concrete Apron	555.315(2)(b)5				, m.
Wells, Number of	555.315(1)				
Well, Raw Sample Tap	555.315(1) 555.315(2)f	The raw water tap is thr	readed		
Well Set Backs	555.312	The law water tap is the	. caraca		
Ten get backs	333.312				
ents:					
			· · · · · · · · · · · · · · · · · · ·		
	·	····			
quired that a written response b	ne provided to this off	ice within ten days of rece	int of this	report regarding	z any uncaticf
listed above.	o provided to dis on	ice minini ten days of feet	The or one	s report regarding	5 any ansausi
	_	$\overline{}$			
Ar EDEINGING		)	Date:	DO / AA /	GG
Revua E. Miner, ext. 33	2		R@JAX	1 DFP STATE F	T. US
MOVING D. PVINICE, CXE, 20	∠ OI C-11	iaii addicss. WillyER	$\Delta \Delta = 1$	I.DLI.JIAIL.I	L. UU

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

## SECTION 6

Health Department and DEP Permits



## Department of Environmental Protection

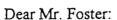
Lawton Chiles Governor Northeast District 7825 Baymeadows Way, Suite B200 Jacksonville, Florida 32256-7590

Virginia B. Wetherell Secretary

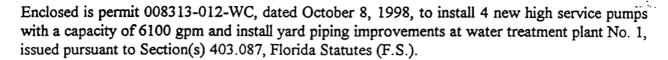
#### NOTICE OF PERMIT ISSUANCE

### CERTIFIED - RETURN RECEIPT

Mr. Patrick M. Foster, P.E. Division Manager Florida Public Utilities Company 911 South 8th Street Fernandina Beach, Florida 32034



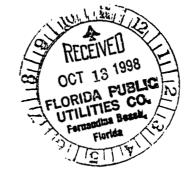
Nassau County - Potable Water High Service Pumps and Yard Piping Improvements Water Treatment Plant No. 1



A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with Section 120.57, F.S. The petition must contain the information set forth below and must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, within 14 days of receipt of this Permit. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, F.S.

The petition shall contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;



"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Mr. Patrick M. Foster, P.E. Permit 0080313-012-WC Page 2 of 3

- (d) A statement of the material facts disputed by petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this permit. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, Florida Administrator Code (F.A.C.).

This permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 62-l03.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit will not be effective until further Order of the Department.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399 3000; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.



1980A

Mr. Patrick M. Foster, P.E. Permit 0080313-012-WC Page 3 of 3

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

ry M. Owen, P. E.

ater Facilities Administrator

Permitting File

£2.

Copies furnished to: Mr. Harold R. Bridges, P.E. Nassau County Department of Health FILING AND ACKNOWLEDGEMENT

FILED, on this date, pursuant to \$120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on October 8, 1998 to the listed persons.



## Department of Environmental Protection

Lawton Chiles Governor Northeast District 7825 Baymeadows Way, Suite B200 Jacksonville, Florida 32256-7590

Virginia B. Wetherell Secretary

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### PERMITTEE:

Mr. Patrick M. Foster, P.E. Division Manager Florida Public Utilities Company 911 South 8th Street Fernandina Beach, Florida 32034 L.D. Number: 2450364

Permit/Cert Number: 0080313-012-WC

Date of Issue: October 8, 1998 Expiration Date: October 8, 2000

County: Nassau

Sec/Town/Rge: 22/3N/28E

Lat/Long:

Project: High Service Pumps and Yard

Piping Improvements (Plant No. 1)

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapter 62-555 (formerly 17-22). The above named Permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Description:

(يُرُح

For the construction of modifications to the high service pumping station with 3 new pumps (600 gpm, 1500 gpm, 2500 gpm) and relocation of an existing pump (1500 gpm), installation of baffle walls in the existing 175,000 gallon ground storage tank, and related yard piping improvements.

Location: Water Treatment Plant No. 1, N. 11th street, Fernandina Beach, Nassau County, Florida.

Mr. Patrick M. Foster, P.E.. Florida Public Utilities Company Permit/Cert Number: 0080313-012-WC

Date of Issue: October 8, 1998 Expiration Date: October 8, 2000

Project: WTP No. 1 HSP's and Yard Piping

### **GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. Permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

- 2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- 3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
- 4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- 5. This permit does not relieve Permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow Permittee to cause pollution in contravention of Florida Statutes and Department rulés, unless specifically authorized by an order from the Department.
- 6. Permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by Permittee to achieve compliance with the conditions of this permit, and required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

Mr. Patrick M. Foster, P.E.. Florida Public Utilities Company Permit/Cert Number: 0080313-012-WC

Date of Issue: October 8, 1998
Expiration Date: October 8, 2000

Project: WTP No. 1 HSP's and Yard Piping

#### **GENERAL CONDITIONS:**

- 7. Permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
  - a. Have access to and copy any records that must be kept under conditions of the permit;
  - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
  - c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.
- 8. If, for any reason, Permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, Permittee shall immediately provide the Department with the following information:
  - a. A description of and cause of noncompliance; and
  - b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to educe, eliminate, and prevent recurrence of the noncompliance. Permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.
- 9. In accepting this permit, Permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction of operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under Florida Statutes or Department rules, except where such use is prescribed by Section 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

Mr. Patrick M. Foster, P.E.. Florida Public Utilities Company Permit/Cert Number: 0080313-012-WC

Date of Issue: October 8, 1998 Expiration Date: October 8, 2000

Project: WTP No. 1 HSP's and Yard Piping

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### GENERAL CONDITIONS:

10. Permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, Permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.

- 11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and 62-730.300, F.A.C., as applicable. Permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.
- 12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
- 13. This permit also constitutes:
  - ( ) Determination of Best Available Control Technology (BACT)
  - ( ) Determination of Prevention of Significant Deterioration (PSD)
  - ( ) Certification of compliance with state Water Quality Standards (Section 401, PL 92-500)
  - ( ) Compliance with New Source Performance Standards
- 14. Permittee shall comply with the following:
  - a. Upon request, Permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
  - b. Permittee shall hold at the facility or other location designated by this permit, records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

Mr. Patrick M. Foster, P.E.. Florida Public Utilities Company Permit/Cert Number: 0080313-012-WC

Date of Issue: October 8, 1998
Expiration Date: October 8, 2000

Project: WTP No. 1 HSP's and Yard Piping

### **GENERAL CONDITIONS:**

- c. Records of monitoring information shall include:
  - the date, exact place, and time of sampling or measurements;
  - the person responsible for performing the sampling or measurements;
  - the dates analyses were performed;
  - the person responsible for performing the analyses;
  - the analytical techniques or methods used;
  - the results of such analyses.
- 15. When requested by the Department, Permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If Permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

Mr. Patrick M. Foster, P.E.. Florida Public Utilities Company Permit/Cert Number: 0080313-012-WC

Date of Issue: October 8, 1998 Expiration Date: October 8, 2000

Project: WTP No. 1 HSP's and Yard Piping

### SPECIFIC CONDITIONS:

1. This approval for construction is given with the understanding that, upon the installation of such works, the operation shall be placed under the care of a competent person, whose qualifications are approved by the Department. Operation of the facility shall be carried out according to best accepted practice and in accordance with the requirements of the rules and regulations of the Department. Permittee shall ensure, not only the provision of continuing essential funds for proper operation and maintenance of this project, but also the funds necessary to comply with all regulatory, monitoring, and statutory requirements.

- 2. Water supply facilities, including mains, shall be installed in accordance with the latest applicable AWWA Standards and Department rules and regulations. The system shall be pressure and leak tested in accordance with AWWA Standard C600 and disinfected in accordance with AWWA Standard C651, as well as, in accordance with Rule 62-555.340, F.A.C.
- 3. Permittee shall maintain a minimum vertical clearance of 18 inches and a minimum horizontal separation of 10 feet between water mains and sanitary sewers, storm sewers, etc. unless approved otherwise by the Department, as provided in Rule 62-555.314, F.A.C., and Section 8.6 of Recommended Standards for Water Works, a manual adopted by reference in Rule 62-555.330(3), F.A.C.
- 4. Prior to placing this project into service, Permittee shall submit, at a minimum, all of the following to the Department for evaluation and approval for operation, as provided in Rules 62-555.340 and 62-555.345, F.A.C.:
  - a. the engineer's Certification of Construction Completion and Request for a Letter of Clearance to Place a Public Drinking Water Facility into Service {DEP Form 62-555.900(9)};
  - b. certified record drawings, if there are any changes noted for the permitted project.
  - c. two consecutive days of satisfactory bacteriological analytical results.

In order to facilitate the issuance of a letter of clearance, the Department requests that all of the bove information be submitted as one package.

Mr. Patrick M. Foster, P.E.. Florida Public Utilities Company Permit/Cert Number: 0080313-012-WC

Date of Issue: October 8, 1998 Expiration Date: October 8, 2000

Project: WTP No. 1 HSP's and Yard Piping

### SPECIFIC CONDITIONS:

5. All PVC piping shall bear the National Sanitation Foundation (NSF) International seal of approval for potable water pipe.

- 6. All products, including paints, which shall come into contact with potable water, either directly or indirectly, shall conform with American National Standards Institute (ANSI), National Sanitation Foundation (NSF) International, and American Water Works Association (AWWA) Standards, as provided in Rule 62-555.320(4), F.A.C.
- 7. Permittee shall ensure that there shall be no cross-connection with any non-potable water source in accordance Rule 62-555.360, F.A.C.
- 8. Permittee shall install backflow prevention devices in accordance with Rule 62-555.360, F.A.C.; Recommended Practice for Backflow Prevention and Cross-Connection Control (M-14), a manual adopted by reference in Rule 62-555.330(6), F.A.C.; and Cross Connections and Backflow Prevention, a manual adopted by reference in Rule 62-555.330(7), F.A.C.
- 9. Permittee shall follow the guidelines of Chapters 62-550, 62-555, and 62-560, F.A.C., regarding public drinking water system standards, monitoring, reporting, permitting, construction, and operation.

Mr. Patrick M. Foster, P.E.. Florida Public Utilities Company Permit/Cert Number: 0080313-012-WC

Date of Issue: October 8, 1998 Expiration Date: October 8, 2000

Project: WTP No. 1 HSP's and Yard Piping

10. This project shall be completed prior to the expiration date of this permit. Otherwise, Permittee shall submit a written request to the Department at least thirty days prior to the expiration date requesting an extension of the permit or Permittee must reapply for a new permit.

Issued this 8th day of October 1998

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

erry M. Owen, P. E.

Water Facilities Administrator

FILING AND ACKNOWLEDGEMENT

FILED, on this date, pursuant to \$120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknow.

ledged.

Clark

Date

...

## SECTION 7

Notices of Violation, Consent Orders, Etc.

## FLORIDA PUBLIC UTILITIES COMPANY COMPANY CORRESPONDENCE



DATE:

APRIL 30, 1999

TO:

CHERYL MARTIN

FROM:

PATRICK M. FOSTER P.E.

SUBJECT: SECTION 7, ADDITIONAL ENGINEERING INFORMATION

Dear Cheryl:

All of the notices contained in this section (Unsatisfactory Bacteriological Results) proved to be bad samples and not actual system problems. Follow-up samples required by the DEP all resulted in satisfactory test results.

If you have any questions or desire further information, please contact me at (904) 277-1957.

Patrick M. Foster P.E.

Division Manager

106	J		UNSATI	SFACTO	RY BACTE	RIOLOG	ICAL RE	ESULTS		
Syster	n Name: <u></u>	Torida							) Stort	
			gical tests take (s) indicated b						actory. Please follow the hours.	
	Sample re	sults were _			Submit I sam	nple each fr	om these sa	me locations	12 11 1990	
	Circle the	sample typ	e <u>"replaceme</u>	nt" on the la	ab form.				NOV 18 PUBLIFICATION OF THE PUBLISHES OF	
									STIPPING.	
<u>X</u>	Sample re 业 子	sults were Decep	positive for ra	ıw water. S	ubmit 2 conse	ecutive day	s of sample	es from the fo	ollowing locations:	
	Sample results were positive. Submit one sample each from these same locations:									
"	ALSO, submit 1 sample from a site within 5 connections upstream from each original positive location.  ALSO, submit 1 sample from a site within 5 connections downstream from each original location.  If samples are required quarterly (most non-communities), submit 1 additional distribution sample from the same vicinity as the original positive sample.									
	If the origi	nal positive				•		•	from a tap in the same	
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thee at (904) 448-4330 or enned IRBY Mra JAXT DEP STATE FLUS 171

neorrect submittal of these samples will result in violations against your water system. If you have any questions, please oull the

B-98
m Name: Florida Rublic Utility PWS ID#: 2450364
esults of the bacteriological tests taken on 7-23-98 for this system were unsatisfactory. Please follow the ctions in the paragraph(s) indicated below and submit the additional samples requested within 24 hours.
Sample results were Submit 1 sample each from these same locations:  Circle the sample type "replacement" on the lab form.
Circle the sample type "replacement" on the lab form.
Sample results were positive for raw water. Submit 2 consecutive days of samples from the following locations:
Sample results were positive. Submit one sample each from these same locations:
ALSO, submit 1 sample from a site within 5 connections upstream from <u>each</u> original positive location.  ALSO, submit 1 sample from a site within 5 connections downstream from <u>each</u> original location.
If samples are required quarterly (most non-communities), submit 1 additional distribution sample from the same vicinity as the original positive sample.
If the original positive location is at the end of a distribution line, take the downstream sample from a tap in the same vicinity.  Circle the sample type "repeat" on the sample form.
!!ALL OF THESE 'REPEAT" SAMPLES MUST BE TAKEN ON THE SAME DAY!!
You are also required to submit a minimum of 5 distribution samples, one each from 5 different locations during the month of
<ul> <li>NOTE: For systems sampling quarterly, you must submit these even if it is in the same quarter as the original compliance samples.</li> <li>NOTE: If you cannot take the 5 treated water samples from different locations, you will have to submit them on different days, so that the total is 5 distribution samples for the month.</li> </ul>

UR SYSTEM HAS MORE THAN ONE POSITIVE DISTRIBUTION SAMPLE FOR THIS COMPLIANCE PERIOD, AUST ISSUE PUBLIC NOTICE. ADDITIONAL INFORMATION IS ENCLOSED.

et submittal et flere campler will servit et e lettens against your water system. If von have ary quertiens, pleu e call disc n (904-44% 4 FO or omini SINGER A CHANT DEP STATE FLUS **172** 

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1-14-97 ystem Name: Florida Public Utility PV	WS ID#: _	2450364	1						
The results of the bacteriological tests taken on $11-13-57$ for this actions in the paragraph(s) indicated below and submit the additional sample	s system we	re unsatisfactory.	Please follow the						
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Sample results were positive for raw water. Submit 2 consecutive days of the sample results were positive for raw water.	of samples	from the following	ng locations:						
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Circle the sample type "repeat' on the same	mple form.								
!!ALL OF THESE 'REPEAT" SAMPLES MUST BE TAKEN ON THE SAME DAY!!									
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)UR SYSTEM HAS MORE THAN ONE POSITIVE DISTRIBUTION SAMPLE FOR THIS COMPLIANCE PERIOD, JUMUST ISSUE PUBLIC NOTICE. ADDITIONAL INFORMATION IS ENCLOSED.

correct submittal of these samples will result in violations against your water system. If you have any questions, please call this fee at (90.4)447.4439 or email SINGHR_VAJANT.DEP.STATE.FL.US.

UNSATISFACTORY BACTERIOLOGICAL RESULTS
Name: Fbrida Public Utilities PWS ID#: 2450364
sults of the bacteriological tests taken on
Sample results were Submit 1 sample each from these same locations:
Circle the sample type "replacement" on the lab form.
Sample results were positive for raw water. Submit 2 consecutive days of samples from the following locations:
Sample results were positive. Submit one sample each from these same locations:
ALSO, submit 1 sample from a site within 5 connections upstream from <u>each</u> original positive location.  ALSO, submit 1 sample from a site within 5 connections downstream from <u>each</u> original location.
If samples are required quarterly (most non-communities), submit 1 additional distribution sample from the same vicinity as the original positive sample.
If the original positive location is at the end of a distribution line, take the downstream sample from a tap in the same vicinity.
Circle the sample type "repeat" on the sample form.  !!ALL OF THESE 'REPEAT" SAMPLES MUST BE TAKEN ON THE SAME DAY!!  OCT 27 1997
UTILITIES COMPANY
You are also required to submit a minimum of 5 distribution samples, one each from 5 different locations during the month of
NOTE: For systems sampling quarterly, you must submit these even if it is in the same quarter as the original compliance samples.  NOTE: If you cannot take the 5 treated water samples from different locations, you will have to submit them on different days, so that the total is 5 distribution samples for the month.

R SYSTEM HAS MORE THAN ONE POSITIVE DISTRIBUTION SAMPLE FOR THIS COMPLIANCE PERIOD, UST ISSUE PUBLIC NOTICE. ADDITIONAL INFORMATION IS ENCLOSED.

t submittal of there samples will result in violations against your water system. If you have any questions, please call this (904)448-4330 or email SINGER, V a JAX1.DEP.STATE FL.US.

	UNSATISFACTORY BACTERIOLOGICAL RESULTS
Syster	n Name: Florida Public Litilities PWS ID#: 2450364
The re	esults of the bacteriological tests taken on 11-6-96 for this system were unsatisfactory. Please follow the ctions in the paragraph(s) indicated below and submit the additional samples requested within 24 hours.
	Sample results were Submit 1 sample each from these same locations:
	Circle the sample type "replacement" on the lab form, and check the box marked
$\overline{\ \ }$	Sample results were positive for raw water. Submit 2 consecutive days of samples from the following locations:
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	Sample results were positive. Submit one sample each from these same locations:
	ALSO, submit 1 sample from a site within 5 connections upstream from <u>each</u> original positive location.  ALSO, submit 1 sample from a site within 5 connections downstream from <u>each</u> original location.
	If samples are required quarterly (most non-communities), submit 1 additional distribution sample from the same vicinity as the original positive sample.
	If the original positive location is at the end of a distribution line, take the downstream sample from a tap in the same vicinity.
	Circle the sample type "repeat' on the sample form.
<del></del>	!!ALL OF THESE 'REPEAT" SAMPLES MUST BE TAKEN ON THE SAME DAY!!
<del></del>	You are also required to submit a minimum of 5 distribution samples for 5 different locations during the month of
	NOTE: For systems sampling quarterly, you must submit these even if it is in the same quarter as the original compliance samples.  NOTE: If you cannot take the 5 treated water samples from different locations, you will have to submit the same quarter as the original compliance.
	them on different days, so that the total is 5 distribution samples for the month.

"OUR SYSTEM HAS MORE THAN ONE POSITIVE DISTRIBUTION SAMPLE FOR THIS COMPLIANCE PERIOD, MUST ISSUE PUBLIC NOTICE. ADDITIONAL INFORMATION IS ENCLOSED.

correct submittal of these samples will result in violations against your water system. If you have any questions, please call this like at (904)448-4330

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UNSALISFACTORY BACTERIOLOGICAL RESULTS
11-96
esults of the bacteriological tests taken on $10-6-96$ for this system were unsatisfactory. Please follow the actions in the paragraph(s) indicated below and submit the additional samples requested within 24 hours.
Sample results were Submit 1 sample each from these same locations:
Circle the sample type "replacement" on the lab form, and check the box marked
Sample results were positive for raw water. Submit 2 consecutive days of samples from the following locations:
Sample results were positive. Submit one sample each from these same locations:
ALSO, submit 1 sample from a site within 5 connections upstream from each original positive location.  ALSO, submit 1 sample from a site within 5 connections downstream from each original location.
If samples are required quarterly (most non-communities), submit 1 additional distribution sample from the same vicinity as the original positive sample.
If the original positive location is at the end of a distribution line, take the downstream sample from a tap in the same vicinity.
Circle the sample type "repeat' on the sample form.
!!ALL OF THESE 'REPEAT" SAMPLES MUST BE TAKEN ON THE SAME DAY!!
You are also required to submit a minimum of 5 distribution samples for 5 different locations during the month of
NOTE: For systems sampling quarterly, you must submit these even if it is in the same quarter as the original compliance samples.  NOTE: If you cannot take the 5 treated water samples from different locations, you will have to submit them on different days, so that the total is 5 distribution samples for the month.

R SYSTEM HAS MORE THAN ONE POSITIVE DISTRIBUTION SAMPLE FOR THIS COMPLIANCE PERIOD, UST ISSUE PUBLIC NOTICE. ADDITIONAL INFORMATION IS ENCLOSED.

t submittal of these samples will result in violations against your water system. If you have any questions, please call this (904)448-4350

4-9-95 UNSATISFACTORY BACTERIOLOGICAL RESULTS
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system Name: Moriela Public (Hell Jun Beh) PWS ID#: 3450364
The results of the bacteriological tests taken on for thi system were unsatisfactory. Please follow the instructions in the paragraph(s) indicated below and submit the additional samples requested within 24 hours.
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Sample results were TATA.  Submit 1 sample each from these same locations:
Circle the type "replacement" on the lab form, and check the box marked
Sample results were positive for raw water. Submit 2 consecutive days of samples from the following locations
**************************************
Sample results were positive.
Since this water system has less than 4 connections, submit 3 samples each from these same locations:
If you sample quarterly (most non-communities) submit 1 additional sample from the same locations listed above, for a total of 4 repeat samples  Circle the sample type "repeat" on the lab form.
!!ALL OF THESE "REPEAT" SAMPLES <u>MUST</u> BE TAKEN ON THE SAME DAY!!
In addition you will be required to submit 5 distribution samples from 5 separate locations during the month of
NOTE: For systems sampling quarterly, you must submit these even if it is in the same quarter as the original compliance samples.  NOTE: If you cannot take the 5 distribution samples from different locations, you will have to submit them on different days, so that the total is 5 distribution samples for the month.
******************
OF YOUR SYSTEM HAS MORE THAN ONE POSITIVE DISTRIBUTION SAMPLE FOR THIS COMPLIANCE PERIOD, YOU MUST DO PUBLIC NOTICE. ADDITIONAL INFORMATION IS ENCLOSED. FAILURE TO DO SO WILL RESULT IN ENFORCEMENT ACTION.
*******************
ncorrect submittal of these samples will result in violations against you

Incorrect submittal of these samples will result in violations against you water system. If you have any questions regarding these samples, please contact this office at 904-448-4330.

18/27 / 1897 Notice 18 1-17

Facility Name: Florida Public 11+Dition
PWS ID: 2450.364
BACTERIOLOGICAL PUBLIC NOTICE
NON-ACUI'E
The water system serving this facility is in violation of public drinking water standards for the following reason:
Samples from this system have exceeded the Maximum Contaminant Level, (MCL), for Total Coliform Bacteria for the compliance period of
The United States Environmental Protection Agency (EPA) sets drinking water standards and had determined that the presence of total coliforms is a possible health concern. Total Coliforms are common in the environment and are generally not harmful themselves. The presence of these bacteria in drinking water, nowever, generally is a result of a problem with water treatment or the pipes which distribute the water, and that can cause disease. Disease symptoms may include diarrhea, cramps, nausea, and possible jaundice, and any associated headaches and fatigue. These symptoms, however, are not just associated with disease-causing organisms in drinking water, but also may be caused by a number of factors other than your drinking water. EPA has set an enforceable drinking water standard for total coliforms to reduce the risk of these adverse health effects. Under this standard, no more than 5.0 percent of the sampled collected during month can cause these bacteria, except that systems collecting lewer than 40 samples per month that have one total coliform-positive sample per month are not violating the standard. rinking water which meets this standard is usually not associated ith a health risk from disease-causing bacteria and should be onsidered safe.  The supplier of water is required to conduct additional sampling
he supplier of water is required to conduct additional sampling n order to insure that either the number of total coliform ositive samples do not exceed the standard or that the number of otal coliform positive samples does not continue to exceed the tandard.

r contact the Department of Environmental Protection, Potable ater Section, at (904) 448-4330.

or more information, please contact _____

t this telephone number ____

O 10 0 0
9-19-95 System Name: Florida Public 11totion PWS ID#: 2450364
The results of the bacteriological tests taken on $9-20-93$ for this system were unsatisfactory. Please follow the instructions in the paragraph(s) indicated below and submit the additional samples requested within 24 hours.
**************************************
Circle the type "replacement" on the lab form, and check the box marked
Sample results were positive for raw water. Submit 2 consecutive days of samples from the following locations:
Sample results were positive.
Submit 1 sample from these same locations: 1986 Sterling dane, 1302 Campy dane, 731 Sata 13th Street
ALSO, submit 1 sample from a site within 5 connections upstream from each original positive sample location.
ALSO, submit 1 sample from a site within 5 connections downstream from each original positive sample location.
If you sample quarterly (most non-communities) submit 1 additional distribution sample in the vicinity of the original positive sample.
If the original positive location is at the end of a distribution line, take the downstream sample from a tap in the same vicinity.
Circle the sample type "repeat" on the lab form.
!!ALL OF THESE "REPEAT" SAMPLES MUST BE TAKEN ON THE SAME DAY!! ***********************************
In addition you will be required to submit 5 distribution samples from 5 separate locations during the month of
NOTE: For systems sampling quarterly, you must submit these even if it is in the same quarter as the original compliance samples.  NOTE: If you cannot take the 5 distribution samples from different locations, you will have to submit them on different days, so that the total is 5 distribution samples for the month.
IF YOUR SYSTEM HAS MORE THAN ONE POSITIVE DISTRIBUTION SAMPLE FOR THIS COMPLIANCE PERIOD, YOU MUST DO PUBLIC NOTICE. ADDITIONAL INFORMATION IS ENCLOSED. FAILURE TO DO SO WILL RESULT IN ENFORCEMENT ACTION.
*************

correct submittal of these samples will result in violations against your ater system. If you have any questions regarding these samples, please contact this office at 904-448-4330.

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	Circl	e the	sample	type "re	peat" o	n the la	ab form	•	
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In a	addit	ion yo	u will	be requir tions duri	ed to	submit 5	distri		
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System Name: The Holdic III Thes PWS	ID#: <u>0450364</u>
The results of the bacteriological tests taken on	is in the 📉 🚬
**************************************	*****
Submit 1 sample each from these same locations:	
Circle the sample type "replacement" on the lab f the box marked	orm, and check
Sample results were positive for raw water. Submit days of samples from the following locations	2 consecutive
Sample results were positive.	
Submit 1 sample from these same locations:	
ALSO, submit 1 sample from a site within 5 connec from each original positive sample location.	tions upstream
ALSO, submit 1 sample from a site within 5 connec from each original positive sample location.	tions downstream
If you sample quarterly (most non-communities) su distribution sample in the vicinity of the origin sample.	bmit 1 additional al positive
If the original positive location is at the end o line, take the downstream sample from a tap in the	f a distribution e same vicinity.
Circle the sample type "repeat" on the lab form.	
!!ALL OF THESE "REPEAT" SAMPLES MUST BE TAKEN ON	THE SAME DAY!!
Sample results were positive.  Since this water system has less than 4 connection monthly quarterly; submit 3 4 samples each from locations:	ns, and samples om these same
Circle the sample type "repeat" on the lab form.	
!!ALL OF THE REPEAT SAMPLES MUST BE TAKEN ON TH	E SAME DAY!!
In addition you will be required to submit 5 distribution from 5 separate locations during the month of	
NOTE: For systems sampling quarterly, you must so if it is in the same quarter as the original composite. If you cannot take the 5 distribution sample different locations, you will have to submit them days, so that the total is 5 samples for the month of the submit them to the submit them to the submit them to the submit them to the submit them to the submit them to the submit them to the submit them to the submit them to the submit them to the submit them to the submit them to the submit them to the submit them to the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the submit the sub	liance samples. les from on different h.
Incorrect submittal of these samples will result in violativater system. If you have any questions regarding these samples this office at 2004-443-4330, ext. 323 V. M. Significant this office at 2004-443-4330, ext. 323 V. M. Significant this office at 2004-443-4330, ext. 323 V. M. Significant this office at 2004-443-4330, ext. 323 V. M. Significant this office at 2004-443-4330, ext. 323 V. M. Significant this office at 2004-443-4330, ext. 323 V. M. Significant this office at 2004-443-4330, ext. 323 V. M. Significant this office at 2004-443-4330, ext. 323 V. M. Significant this office at 2004-443-4330, ext. 323 V. M. Significant this office at 2004-443-4330, ext. 323 V. M. Significant this office at 2004-443-443-4430, ext. 323 V. M. Significant this office at 2004-443-443-4430, ext. 323 V. M. Significant this office at 2004-443-443-4430, ext. 323 V. M. Significant this office at 2004-443-443-4430, ext. 323 V. M. Significant this office at 2004-443-443-4430, ext. 323 V. M. Significant this office at 2004-443-443-4430, ext. 323 V. M. Significant this office at 2004-443-443-4430, ext. 323 V. M. Significant this office at 2004-443-443-4430, ext. 323 V. M. Significant this office at 2004-443-443-4430, ext. 323 V. M. Significant this office at 2004-443-443-443-443-443-443-443-443-443-	ions against your

29-94 tem Name: I-Ca Tablic 1110-100 PWS TD#:	5) 450364
results of the bacteriological tests taken on 7 38 54 tem were unsatisfactory. Please follow the instructions in agraph(s) indicated below and submit the additional samples hin 24 hours.	for this
**************************************	*****
Circle the sample type "replacement" on the lab form, the box marked	and check
Sample results were positive for raw water. Submit 2 condays of samples from the following locations  *************************  Sample results were positive.	************** nsecutive *******
Submit 1 sample from these same locations:	
ALSO, submit 1 sample from a site within 5 connections from <u>each</u> original positive sample location.	upstream
ALSO, submit 1 sample from a site within 5 connections from each original positive sample location.	downstream
If you sample quarterly (most non-communities) submit distribution sample in the vicinity of the original posample.	1 additional sitive
If the original positive location is at the end of a d line, take the downstream sample from a tap in the sam	istribution e vicinity.
Circle the sample type "repeat" on the lab form.	
!!ALL OF THESE "REPEAT" SAMPLES MUST BE TAKEN ON THE SAMPLES MUST BE TAKEN ON THE SAMPLES MUST BE TAKEN ON THE SAMPLES MUST BE TAKEN ON THE SAMPLES AND AN ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCHITECTURE AND ARCH	*************  nd samples
Circle the sample type "repeat" on the lab form.	
!!ALL OF THE REPEAT SAMPLES MUST BE TAKEN ON THE SAME **********************************  In addition you will be required to submit 5 distribution from 5 separate locations during the month of	*****
NOTE: For systems sampling quarterly, you must submit if it is in the same quarter as the original compliance NOTE: If you cannot take the 5 distribution samples fr different locations, you will have to submit them on di days, so that the total is 5 samples for the month.	e samples. com fferent
rect submittal of these samples will result in violations a system. If you have any questions regarding these samples this office at 904-448-4330 exec 323 V. M. Cinger	gainst your , please

#### UNSATISFACTORY BACTERIOLOGICAL RESULTS 2-14-94 stem Name: Florida Public Utilities PWS ID#: 24-0364 $^\circ$ results of the bacteriological tests taken on 2-9-94m were unsatisfactory. Please follow the instructions in the cagraph(s) indicated below and submit the additional samples requested thin 24 hours. Submit 1 sample each from these same locations: Circle the sample type "replacement" on the lab form, and check the box marked TITC OC ************ Sample results were positive for raw water. Submit 2 consecutive days of samples from the following locations ************** Sample results were positive. Submit 1 sample from these same locations: ALSO, submit 1 sample from a site within 5 connections upstream from each original positive sample location. ALSO, submit 1 sample from a site within 5 connections downstream from <u>each</u> original positive sample location. If you sample quarterly (most non-communities) submit 1 additional distribution sample in the vicinity of the original positive sample.

If the original positive location is at the end of a distribution line, take the downstream sample from a tap in the same vicinity.

Circle the sample type "repeat" on the lab form.

Since this water system has less than 4 connections, and samples monthly quarterly; submit 3 4 samples each from these same locations:

Circle the sample type "repeat" on the lab form.

NOTE: For systems sampling quarterly, you must submit these even if it is in the same quarter as the original compliance samples.

NOTE: If you cannot take the 5 distribution samples from different locations, you will have to submit them on different days, so that the total is 5 samples for the month.

rrect submittal of these samples will result in violations against your r system. If you have any questions regarding these samples, please act this office at 904-448-4330 ext. 323 -- V. M. Singer

0-94 Name: 5	Florido	2. Wic	· Utst	(0)	PWS	ID#: <u> <i>2</i> </u>	130564
were u	nsatisfa indicate	ctory. P	lease fol	llow the i	n $1 - 1 \hat{x}$ nstructionstional sample	54 s in the	for this
ample i	******* results it 1 sam	******** were ple each	******** from thes	******** e same lo	********* cations:	*****	*****
Circ	le the s	ample typ	e "replac	ement" on	the lab fo	orm, and	check
****** ample r days	******* results v of samp	*** <del>*****</del> were posi les from	the follo	raw water	**************************************	2000	,_{/( '
		vere posit					
Submi	t 1 samp	ole from t	these sam	e location	ns:		
ALSO, from	submit <u>each</u> ori	1 sample ginal pos	from a s	ite withir	n 5 connect	ions ups	stream
ALSO, from	submit <u>each</u> ori	1 sample ginal pos	from a si	ite withir	n 5 connect	ions dow	nstream
If you distr	ibution	quarterl sample in	y (most r the vici	on-commun inity of t	nities) sub The origina	mit 1 ad 1 positi	lditional .ve
If the	e origin take th	al positi e downstr	ve locati eam sampl	on is at e from a	the end of tap in the	a distr same vi	ibution cinity.
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****** mple re Since	******* esults we this wat Ly quart	******** ere posit: cer system	******** ive. n has les	******** s than 4	TAKEN ON T ********* connections s each from	****** s. and s	******* amples
Circle	the sam	ple type	"repeat"	on the la	ab form.		
!!AL					KEN ON THE	SAME DA	Y!!
additi om 5 se	on you w	ill be re ocations	equired to		********* distribut of	ion sam	****** ples
NOTE: differedays, s	is in th If you ent loca so that	e same qu cannot ta tions, yo the total	arter as ke the 5 u will ha is 5 san	the original distribut ave to subsuples for	ou must subtract complication sample omit them conthings the month.	ance sance sance from on diffen	reples JAN S
					n violatio		I ES
stem. I	rr you na	ave any qu	uestions	regarding	these sam	ples, pl	ease

### SECTION 8

List of Employees

		CERTIFICATE		SALARY
EMPLOYEE	JOB TITLE	<u>HELD</u>	SALARY	ALLOCATION
Anderson, Carl	Engineer	Water-Class C	\$21.58	1
Barrows, Danny	Working Foreman		\$21.67	2
Best, Alvin	App Serviceman A		\$15.95	2
Boatright, Curtis	Waterman		\$11.68	1
Brown, Juan	App Serviceman B		\$15.64	2
Carman, Robert	Svc Supervisor		\$26.89	2
Clardy, Billy	App Serviceman A		\$16.25	2
Dawson, Richard	Working Foreman		\$21.67	2
Faulk, Tommy	Working Foreman		\$21.67	2
Foster, Patrick	Division Manager	Civil PE - Fla	\$42.10	4
Gaines, Cliff	Lead Waterman		\$12.63	1
Gilbert, Trenell	Waterman		\$11.63	1
Graham, Robert	Line Supervisor		\$26.89	2
Graves, John	Stores Specialist	Water-Class C	\$20.53	1
Griffin, Billy	Working Foreman		\$21.67	2
Howard, Melissa	Senior Clerk		\$11.71	4
Jones, Earline	Cashier		\$10.76	4
Lillo, Beverly	Clerk		\$8.74	4
Little, Erin	Clerk		\$10.16	4
Mandrick, John	Wtr Superintendent	Water-Class C	\$24.03	1
McClelland, E.J.	Storekeeper		\$20.52	3
McClure, Christine	Meter Reader		\$10.37	3
McCoy, Judee	Office Manager		\$19,80	4
Nabors, Donnie	App Serviceman B		\$15.64	2
Osborne, Rachel	Clerk		\$8.49	4
Peacock, Lewis	Collector		\$15.26	3
Pittman, Bill	App Serviceman B		\$15.60	2
Robinson, Quentin	Waterman		\$11.68	1
Scandaliato, Don	Serviceman		\$21.67	2
Shelton, Charles	Superintendent	Water-Class C	\$31.28	2
Taylor, Parker	Working Foreman		\$21.67	2
Taylor, Steve	Lineman		\$20.92	2
Thompson, Loyd	Eng. Technician		\$18.78	3
Thornton, Patti	Secretary		\$14.14	4
Van Zant, Mike	App Serviceman B		\$15.52	3
Walters, Jason	Waterman		\$11.63	1
Wilkes, Charles	Working Foreman		\$21.67	2
Williams, Rena	Cust Svc Rep		\$11.39	4
Wingate, Kathy	Meter Reader		\$10,37	3

#### Salary Allocation Method

- 1) Water Employee Charges made to capital, operations, and maintenance by time sheet (actual charges)
- 2) Electric Employee Charges made to capital, operations, and maintenance by time sheet (actual charges)
- 3) Mixed Function Employee Charges made to capital, operations, and maintenance by time sheet (actual charges)
- 4) Mixed Function Employee Charges made to capital, operations, and maintenance by customer count (%)

# Florida Pubilic Utilities Company Allocated Corporate Personnel to Fernandina Beach Water Division 1998

Name	Dutles / R	esponsibilities / Job Description	Total % to Water	Allocation Method
ENGLISH, JOHN T	MANAGEMENT	PRESIDENT	11.0%	Time Estimates and Total Payroll
::CRESSMAN, FRANK C		LUCHAIRMAN OF THE BOARD	4,0%,	Total Company Payroll
TERRY, ROBERT L	MANAGEMENT	CHAIRMAN OF EXEC COMM	4.0%	Total Company Payroll
BROWN, JACK R	MANAGEMENT	TREASURER	4,0%	Total Company Payroll
STEIN, CHARLES L	MANAGEMENT	SENIOR VICE PRESIDENT	2.0%	Time Estimates and Total Payroll
TROY, DARRYL L	MANAGEMENT	VICE PRESIDENT	4.0%	Total Company Payroll
ERDEK, BONNIE L	MANAGEMENT	SECRETARY	3.7%	Time Estimates and Total Payroll
WUERTHNER, MILDRED	MANAGEMENT	EXECUTIVE SECRETARY	4.2%	Total Company Payroll
REINHARTSEN, JOHN R	PERSONNEL	MGR OF HUMAN RESOURCES	4.2%	Total Company Payroll
ROBINSON, DINA	PERSONNEL	SECRETARY	4.2%	Total Company Payroll
MAHANEY, KEN	PERSONNEL	SAFETY DIRECTOR	3.4%	Time Estimates
WOLLNEY, MARY	HOME SERVICES	CONSUMER AFFAIRS MANAGER	0.6%	Time Estimates and Total Payroll
MONDS, LILA	HOME SERVICES	MARKETING SUPPORT CLERK	0.6%	Time Estimates and Total Payroll
SIZ LITTLE DAVE	#15 DEPARTMENT	DATA PROCESSING MANAGER	**:742%	Crotal Company Payrol
FATH, DENNIS C	I S DEPARTMENT	COMPUTER PROGRAMMER	6.1%	Time Estimates and Total Payroll
HELDERLEIN, GLORY A	"S'DEPARTMENT	COMPUTER PROGRAMMER	65/%	Time Esumates and Total Rayrollistic.
HOBBS JR, THOMAS S.	I S DEPARTMENT	COMPUTER PROGRAMMER	6.1%	Time Estimates and Total Payroll
DEYOUNKS, DORIS	I S DEPARTMENT	COMPUTER OPERATOR	6.1%	Time Estimates and Total Payroll
HYLTON, PAMELA	I S DEPARTMENT	COMPUTER OPERATOR	6.1%	Time Estimates and Total Payroll
BURROWS, RENEE M	IS DEPARTMENT	DOCUMENTATION SPECIALIST	6.1%	Time Estimates and Total Payroll
BYLSMA, TAMMY L	I S DEPARTMENT	MIS SPECIALIST	6.1%	Time Estimates and Total Payroll
FURR, DEBORAH M	I S DEPARTMENT	MIS CONTROL CLERK	6.1%	Time Estimates and Total Payroll
CARSON, WILLIE	GENERAL OFFICE	PRINTER / MACHINE OPERATOR	4.9%	Time Estimates, Total Payroll, and Total Custom
BACHMAN, GEORGE M	GENERAL OFFICE	DIRECTOR OF ACCOUNTING	4.2%	Total Company Payroll
MARTIN, CHERYL M	GENERAL OFFICE	MANAGER OF CORP ACCTG	4.2%	Total Company Payroll
NAPIER, MICHELLE D	GENERAL OFFICE	GENERAL ACCTG MANAGER	4.2%	Total Company Payroll
KHOJASTEH, MEHRDAD	GENERAL OFFICE	TAX ACCOUNTANT	4.2%	Total Company Payroll
HEARRELL, BILLIE K	GENERAL OFFICE	ACCOUNTS PAYABLE ANALYST	4.2%	Total Company Payroll
GUERRERO, KATHLEEN R	GENERAL OFFICE	SECRETARY	4.2%	Total Company Payroll
EDER, KATHY M	GENERAL OFFICE	RECONCILIATION ANALYST	4.2%	Total Company Payroll
MCARDLE, ROBERT J	GENERAL OFFICE	GENERAL LEDGER ACCT	4.2%	Total Company Payroll
MESITE, JAMES V	GENERAL OFFICE	PROJECT ACCOUNTANT	4.2%	Total Company Payroll
PALACIOS, CINDY J	GENERAL OFFICE	REGULATORY ACCOUNTANT	4.2%	Total Company Payroll
GRIMESON JR, WILLIAM F	GENERAL OFFICE	CONSTRUCTION ACCOUNTANT	4.2%	Total Company Payroll
STARR, JENNIFER	GENERAL OFFICE	FINANCIAL ACCOUNTANT	4.2%	Total Company Payroll
KRAVITZ, BERNARD J	GENERAL OFFICE	ACCOUNTING CLK P/T	4.2%	Total Company Payroll
SIMMONS, GAIL F	GENERAL OFFICE	CONSTRUCTION ACCOUNTANT P/T	4.2%	Total Company Payroll
GARCIA, MARIO	GENERAL OFFICE	COURIER/CLERK	1.3%	Time Estimates, Total Payroll, and Total Custom
ALLEN, ROBIN	GENERAL OFFICE	GENERAL OFFICE ASSISTANT	3.2%	Time Estimates, Total Payroll, and Total Custom
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# Florida Pubilic Utilities Company Allocated Corporate Personnel to Fernandina Beach Water Division 1999

Name	Duties / F	Responsibilities / Job Description	Total % to Water	Allocation Method
ENGLISH, JOHN T	MANAGEMENT	PRESIDENT	7.0%	Total Adjusted Company Plant
TERRY, ROBERT L	MANAGEMENT	CHAIRMAN OF EXEC COMM	5.0%	Total Company Rayroll
BROWN, JACK R	MANAGEMENT	TREASURER	5.0%	Total Company Payroll
STEIN, CHARLES L	MANAGEMENT	SENIOR VICE PRESIDENT	7.0%	Total Adjusted Company Plant
TROY, DARRYL L	MANAGEMENT	VICE PRESIDENT	5.0%	Total Company Payroll
ERDEK, BONNIE L	MANAGEMENT	SECRETARY	6.4%	Time Estimates, Total Payroll and Total Plant
WUERTHNER, MILDRED	MANAGEMENT	EXECUTIVE SECRETARY	4.7%	Time Estimates, Total Payroll and Total Plant
REINHARTSEN, JOHN R	PERSONNEL	MGR OF HUMAN RESOURCES	4.6%	Total Company Payroll
ROBINSON, DINA	PERSONNEL	SECRETARY	4.6%	Total Company Payroll
MAHANEY, KEN	PERSONNEL	SAFETY DIRECTOR	3.8%	Time Estimates
WOLLNEY, MARY	HOME SERVICES	CONSUMER AFFAIRS MANAGER	0.7%	Time Estimates and Total Payroll
MONDS, LILA	HOME SERVICES	MARKETING SUPPORT CLERK	0.7%	Time Estimates and Total Payroll
LITTLE, DAVE	IS DEPARTMENT	DATA PROCESSING MANAGER	4.6%	Total Company Payroll
FATH, DENNIS C	I S DEPARTMENT	COMPUTER PROGRAMMER	6.2%	Time Estimates and Total Payroll
HELDERLEIN, GLORY A	IS DEPARTMENT	COMPUTER PROGRAMMER	6.2%	Time Estimates and Total Payroll
HOBBS IR THOMAS S.	IS DEPARTMENT	**************************************		Time Estimates and Total Payroll 110
DEYOUNKS, DORIS	I S DEPARTMENT	COMPUTER OPERATOR	6.2%	Time Estimates and Total Payroll
HYLTON, PAMELA	IS DEPARTMENT,	COMPUTER OPERATOR	6.2%	Time Estimates and Total Payrol
BURROWS, RENEE M	IS DEPARTMENT	MIS OPERATIONS SUPERVISOR	6.2%	Time Estimates and Total Payroll
WATTS, RAY	I S DEPARTMENT	MIS CONTROL CLERK	6.2%	Time Estimates and Total Payroll
PAYNE, PAM	I S DEPARTMENT	MIS SPECIALIST	6.2%	Time Estimates and Total Payroll
CARSON, WILLIE	GENERAL OFFICE	PRINTERMACHINE OPERATOR	5.2%	Time Estimates, Total Payroll, and Total Customers
BACHMAN, GEORGE M	GENERAL OFFICE	DIRECTOR OF ACCOUNTING	4.6%	Total Company Payroll
MARTIN, CHERYL M	GENERAL OFFICE	MANAGER OF CORP ACCTG	4.6%	Total Company Payrol
NAPIER, MICHELLE D	GENERAL OFFICE	GENERAL ACCTG MANAGER	4.6%	Total Company Payroll
KHOJASTEH, MEHRDAD	GENERAL OFFICE	TAX ACCOUNTANT	4.6%	Total Company Payroll
FURR, DEBORAH M	GENERAL OFFICE	ACCOUNTS PAYABLE ANALYST	4.6%	Total Company Payroll
UERRERO, KATHLEEN R	GENERAL OFFICE	SECRETARY	4.6%	Total Company Payroll
EDER, KATHY M	GENERAL OFFICE	RECONCILIATION ANALYST	4.6%	Total Company Payroll
TURIFF, JILL	GENERAL OFFICE	GENERAL LEDGER ACCT	4.6%	Total Company Payroll
MESITE, JAMES V	GENERAL OFFICE	PROJECT ACCOUNTANT	4.6%	Total Company Payroll
PALACIOS, CINDY J	GENERAL OFFICE	REGULATORY ACCOUNTANT	4.6%	Total Company Payroll
RIMESON JR, WILLIAM F	GENERAL OFFICE	CONSTRUCTION ACCOUNTANT	4.6%	Total Company Payroll
STARR, JENNIFER	GENERAL OFFICE	FINANCIAL ACCOUNTANT	4.6%	Total Company Payroll
SIMMONS, GAIL F		CONSTRUCTION ACCOUNTANT P/T	4.6%	Total Company Payroll
FAZIO, GEORGE	GENERAL OFFICE	COURIER/CLERK	1.4%	Time Estimates, Total Payroll and Total Customers
•	· —	•		•
ALLEN, ROBIN	GENERAL OFFICE	GENERAL OFFICE ASSISTANT	3.5%	Time Estimates, Total Payroll, and Total Customers

### SECTION 9

List of Company Vehicles

#### FLORIDA PUBLIC UTILITIES COMPANY AUTOMOBILE INFORMATION

The state of the	91 Dodge	92 Ford <b>F350</b>	93 Ford F350	94 Ford F350	94 Chevrolet S-10	95 Chevrolet S-10	71 Utility Trailer
-911 of #2	USV87S	XXQ91J	HV433X	HV432X	USV88S	REG42J	TCA73A
mg - D#	1B7FL26X5MS341907	1FDJF37H9NNB10115	1FDKF37H4PNA86149	1FDKF37HXRNB30111	1GCCS1442R8124196	1GCCS1445SK245314	90244551
51 1.0.74	\$11,255.98	\$19,351.78	\$21,335.52	\$22,029.33	\$11,298.87	\$11,691.43	
Extremne Acct							
Dr∷zer	John Graves	Cliff Gaines	Curtis Boatright	Trenell Gilbert	Carl Anderson	John Mandrick	

# Florida Public Utilities Company Allocated Common Vehicles to Fernandina Beach Water Division 2000

Description	1993 Chevy Lumina	2000 Sedan	1995 Chevy Caprice	1995 Ford Escort Wagon	1995 Chevy Corsica	1995 Chevy Caprice	1996 Ford Crown Victoria	1997 Chevy Malibu
License #	IIC96A	Unknown	NTN58X	QQ123N	IMA00Z	QQ131V	QQ122V	NTN47X
Vehicle ID#	2G1WL54TXP1144150	Unknown	1GIBL52W8SR149326	1FASP1SJLSW273901	1GILDS5M2SY109678	1GIBL52W3SR158077	2FALP74WITX210568	1G1ND52T4VY115507
Cost New	13,734.76	20,500.00	21,670.51	12,340.82	13,602.71	18,999.33	21,488.00	15,503.87
Expense Account								
Driver	D Troy, Jan-June	D Troy, Jul-Dec	C. Stein	Courier	R Terry	J Brown	J English	K Mahaney
Percent Allocated to Water	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%
	Remaining Common Plant	Remaining Common Plant	Remaining Common Plant	Remaining Common Plant	Remaining Common Plant	Remaining Common Plant	, •	Remaining Common Plant

# Florida Public Utilities Company Allocated Common Vehicles to Fernandina Beach Water Division 1999

Description	1993 Chevy Lumina	1995 Chevy Caprice	1995 Ford Escort Wagon	1995 Chevy Corsica	1995 Chevy Caprice	1996 Ford Crown Victoria	1997 Chevy Malibu
License #	IIC96A	NTN58X	QQ123N	IMA00Z	QQ131V	QQ122V	NTN47X
Vehicle ID#	2G1WL54TXP1144150	1GIBL52W8SR149326	1FASP1SJLSW273901	1GILDS5M2SY109678	1GIBL52W3SR158077	2FALP74WITX210568	1G1ND52T4VY115507
Cost New	13,734.76	21,670.51	12,340.82	13,602.71	18,999.33	21,488.00	15,503.87
Expense Account	_						
Driver	D Troy	C. Stein	Courier	R Terry	J Brown	J English	K Mahaney
Percent Allocated to Water	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%	4.3%
Method of Allocation	Remaining Common Plant	Remaining Common Plant	•	Remaining Common Plant	Remaining Common Plant	Remaining Common Plant	Remaining Common Plant

# Florida Public Utilities Company Allocated Common Vehicles to Fernandina Beach Water Division 1998

Description	1993 Ford Taurus	1993 Chevy Lumina	1995 Chevy Caprice	1995 Ford Escort Wagon	1995 Chevy Corsica	1995 Chevy Caprice	1996 Ford Crown Victoria	1997 Chevy Malibu
License #	PDU59X	IIC96A	NTN58X	QQ123N	IMA00Z	QQ131V	QQ122V	NTN47X
Vehicle ID#	1FACP52U4PA313892	2G1WL54TXP1144150	1GIBL52W8SR149326	1FASP1SJLSW273901	1GILDS5M2SY109678	1GIBL52W3SR158077	2FALP74WITX210568	1G1ND52T4VY115507
Cost New	16,040.70	13,734.76	21,670.51	12,340.82	13,602.71	18,999.33	21,488.00	15,503.87
Expense Account								
Driver	C Stein, Jan-Oct:	D Troy	F Cressman Jan-Sep. Repair, Oct: C Stein, Nov-Dec:	Courier	R Terry	J Brown	J English	K Mahaney
Percent Allocated to Water	4.4%	4.4%	4.4%	4.4%	4.4%	4.4%	4.4%	4.4%
	Remaining Common Plant	_	_	Remaining Common Plant		Remaining Common Plant	Remaining Common Plant	Remaining Common Plant

### SECTION 10

Company Complaint Log

DATE CUSTOMER NAME ADDRESS	COMPLAINT	ORDER SENT OUT
-1/29/97/ Lon dansky - 2790 Ehir of	Later taste	7/29/47
7/31/07 Betty Bessamet - 2201 Belvedere Que	Stonky With	7/3/197
8/197 Anck May - 2328 Santer #213	Chemical Kiste	Shian
8 15 47 Jay ( Juics - 11/2 N. 2014 St.	chair citrud ati	5/15/97
8/21/97 D. Mudd- 2620 Diego C. Mc Diego	Bridshelle	8/4/97
8/22/97 Lewis Keland 1108 Olive St.	Jour Presume	8/22/97
5/22/97 William Acrs - 1950 Lakerids (m. ).	Low fressive	8/22/97
5/20/27 M. Man Rosels - 64 1300		124197
8/24/97 Vance Seprence - 2619 Diegos Mc Sheye	Starky Witr.	7/25/77 ( Literal )
8 such a Gackie Howard-3:01 attantie	(( · ' u	82-119-1
9/2/47 Run Rich (Nine dun Gane) 432 S. Sth St	Low water deus.	9/3/97
4/5/97 Thuron Kight (3.43 N Fletcher)	you Pressure	915 197
9/5/97 Richard Patterson - 106 Entrada 14.	Stinky - buil-lasting	915/11
98897 deorge June 407 Cedar St.	Lastusin	9/8/97
9/9/97 Hay Trey - 2798 Ocean Cats Dis	How Presuce	, 9/9/47
9/11/91 Lieud Humpen - 414 Chasien if	HEW ELLINEZ.	9/11/97
a hilan total Ancis - 21014 Armer Macifrimer	Hinky Water	9/11/97
113-11 110000011000000000000000000000000	Smely Water	9-15-97
9-18-97 Tunus Hounding - 103 5. 14th St	Jul funny ture	9-18-97
9-14-97 Ernest Roberto - 1116 No 15th St.	Stinky Witer	9-19-97
9-24-97 D. Watking) - 715 Vernon St	Kon Plezue.	
9-25-97 () F. Movies - 3C5 5. 15th S1	Stinky load - Listing white	9-25-97
10-22-97 JUNES Williams - 1102 N 15th St	Low pressure	12-22-97
11-1097 Tack Hann - 2048 Calleran Cal	Little moule	11-10-97
11/25/97 Kise Edum - 108 N 1945+.	white spicks	11/25/97
11 Prit Curnette 221 Lighthouse	Low Trasus	. 1
12/3/99 Forst Buphot Murch - 510 alachua St.	Low Demonie	12/4/9
12/4/97 From 10000 - 214 5. 54h St.	Jan Shaware	12/2/97
12/4/07 Harry Marga - 204 S Wh St.	dem presiere	12/4/97
Iphilan month showson 3ch S. 17th St.		12/11/97
1/14/08 Dr. Genold Janin - 614 Browne.	Rail les	1/14/99
	701 Penulus	1-11-118

DATE	CUSTOMER NAME	ADDRESS	COMPLAINT	ORDER SENT OUT
1-16-98 5	Donnep - SR 2	200	Kanties	1-16-98
1-22-98 M	5 Deorge -	147 NI8th St	( ()	1-22-98
1-2398 K	1. Dreen - 914	Dak St.	11	1-23-98
2598 D	. Lates - 320	5 4th St	(- 1/	2-5-48
2098 (4)	lover 914	Eate St.	11 (1	2/9/98
2/24/98 0	ohnson - 627 S	5, bith St.	WATER SMELLS LIKE SLIPHUR	2/24/98
3/18/98 He	RManson_117-1	3 Estrada St.	Low water pressure	3/18/98
3/18/98 Ru	<u>iebush-5∞5.1</u>	7th St.	Low water pressur	3/18/98
4/14/98 800	rine Reberts - 1	10 N 1345 St.	Sact Imell	4/14/98
4/23/9x Va	no West - 415 E	strate 261.725	how surre	4/23/98
5/01/98 C	arol telder - 1	2054th St	1 /	5/01/98
5/04/98 N	IK Keynalds	2805 Kaguna	( ()	5/04/98
5/5/98 3	edith Graha	m-2781 PKSq.P1	Low Pressure	5/05/98
3/12/98 W	<u> Jaines Bico - 40</u>	2 Date St	Low Pressur	5/12/98
<u> 5/13/98 1</u>	13 Kambright.	- 6545 Hetcher	Very hard	5/13/98
5/B/98/ C	1. bachuan - 3	CONAMST	Karprosure	5/13/98
5/18/98/36		CN 19th St/sin	(	5/18/98
5 A 8 R	20,110	5 8th	( '/	5/9/98
_ 5  iq   L	1. Davidowan -	1506 Highland	V0 (1)	5/19/98
5/22/98 Be	thy White 1840	Highland Dr	Low Pressus	5/22
5/22/98/ 5	mion Mulip	- 920 N 15th 201-0502 1-2700 HIZELI S# 803	Pressure	Called to J. Manon 5/27/98
5/27/98 Vin	cent (Hilda) Martin	1.2700 MITELI ST 803	Very low water Press	5/27/98
	7 -	rell) 8155. Flotcher	Very low water	/ (
	my Sepiene: 2	115 Houda (leve		5/29/98
	all Bernett -	8155. Het Ac	Low proone	6/1/98
	anta Carte		Jon prosur	
<del></del>		1504 Breinest	( ( )	6/8/98
	Flordon Dees	. ^	L( ()	12/8/98
	5 Post Officer		Iron in wh	d / 1 122
jolalax Rox	noid budanty- 6	32 5 144 5	ry largeonic	6/10/96
_ 6/1/95! Ri	and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t		Very law pressud	
1 11/18	in a little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of the little of t	193	<u> </u>	6 11/98

DATE	CUSTOMER NAME	ADDRESS	COMPLAINT	ORDER SENT OUT
6/12/98	David Capl	& 1617 Atlanti	Lasties	6/12
6-12-8	William W. Edma	n- INDENIGHIST	Lie Pressure	6-10-118
612-48	Ms. Colenian -	914 Colhain	( 1,	612-98
6-12-98	K. Stires -	14tap Clerch Dr	(- 1,	6-12-95
6-15-98	Emma Brizele	-516 N.11th St.	Low Pressure	6-15-98
6-16-98	M. Lamb - 241	685 Fletcher Are	Law Prosure	6-16-98
6-16-98	Cane Maspha	rr 3005711 St	Low Prisone	6-16-78
6-17-98	Jeff Whitake	- 2422 Kolchles	i- 1,	6-17-98
622-98	Mr. Spence -	17615 Fletcher	Larpione	6-22-98
12-23.98	Raun Roberts.	14 5 2nd St	Low presserie	6-23-58
6-24-98	Ns. Harden -2	010 Beech St	Laspina	6-24-98
6-24-98	Ms. Herchieth -	1123 Huy St	Law prosure	6-24-98
6_25.98	Conwag (Myrtle) Vi	CKers-2307 S, Fletcher	Low Pressure	6-25-98
6.25.98		eR-420 Citrona DR.		6-25-98
6-26-98	Robert B. Smit	h-2646 SFIPEChar	very low	6-26-98
6-29-981	Johnson A. Johnson	-2185 TAL BOT CJ. 4409	Low pressure	6-29-98
7-02-98	4. Cosson - 18	5 16th St	Low pressure	7-02-98
7-02-98	C. Crosby - 12:	5 16th St	Low pressure	7-02-98
7.07.981	311 (Margie) Mas	ON - 891 S. Fletcher DVE.	Low pressure	7.07.98
7-07-98	Ms. Itallaway	- 912 Broome St	( ()	
71414814	eaun hourus	14 D. OLL DI.	10 10	7998
7/15/98/	l'a Mil milles -	318 5 309	starky water	7/15/98
715 198 2	Maketh Stelly 21	(321-5 359 480	Stinky water	7/15 98
7/17/98/1	Bo Lane - 320	5 5th St. 261-4042	Low pressure	7/19/98
7/23/98 11	now Ral oh cloven	Gay Foran Evidock	trad wmell	7 23 98
7-23-98 3	Jumie Tronaszewski	- 7070 Brite Cale Dr	126 4 4 101 F	71-23-12
737481	Ur. Strickland -	14135. Fletcher	Low pressure	
		1114 Beach St.	10 11	7 30 98
		2012 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
81200P	alout food 21	74 Lighthouse Cir	Inus pressure	8-12-98
X-12.00-	True Dulle -2	76.9 CORS Dr.	Bad Smell	8-13-78
-11-12-16	The Samuel	1415 - 37/94 (untark	Il Bul Took	5-13-75
1		1'74		

DATE CUSTOMER NAME ADDRESS		
SIGNER NAME ADDRESS	COMPLAINT	
- 8/19 Clice Mills 2782 S. Hetchen	May law pressure	9-19-98
	11 11	8/19/98
S-265 Reison Mouraire, 1834 & Steich		
- COSTO STOCK TO SHOULD THE TOTAL HISTORY	er and gross	876-98
9998 Coul Middleton - 1911 Survise		
9-14-98 M. Bailey - 838 N Hetcher Arc	teste Bad	9-9-98
9/16/98 tula Pote 600 (10 terchec Hie	· Bad Sina	4-14-95-
9/16/98 Roula Poters - 872 Citlantic Vicio Con	Arr Project	9/16/98*
- 9/2/98 Scott Bleisten - 603 Brocalest	tade Bad	9/21/98*
9/21/98 Juin Marzer - 2812 Cotlantic Vica	W. dew Press.	4 *
- 1 an 10 scaly 7. Mawry-210 & 13th St.	water is dark	9/22/98*
9/24/98 W. Badore - 1136 N 15th St	intr shells bad	9/24/98
10-500 0 10 Kelsins 11-701 31241 ST	Conglical Congression	123 W
10-598 Robin Rian-732 Tarpon Ave	Rusty	10-5-98
10-698 Umna metreol. 926 58th St	low pressur	1:)-6-98
10-6-98 James T. Haywood-1821 Atlantic	- Bad Smell	10-6-98
- 10/14 Kenneth Guranee 107 N 2045 St.		10/11/00 *
10-15 Bran Burlingame-42657ths	very low water pressure	10-15-98
10-20 John Stancin-2417 Via Del Rey	Dirty Wtr.	*
Bailing - Ba 838 N +Cet	Sulphir	*
James Hughes - Dia Tolani V 1/ago	12xd unter 1	1-10-93
11-16 Robert Rosso - 1 January PC of	Sour Mexico	11-16-95-4
11-17 Johnson Kroman-316-D Centres	11 11	11-17-98
11-17 J. Johnson - 303 N 15th 5+	TONC BET	11-17-95
11-19 Constance Hart 126 SIUth St	Mark Bary	1-19-10
11-19 Constance Herr 126 SIUTA St 11-30 Jerry Unequiter 3240 SERICHTH 329	white make	1-30-93
11-30 Nading Kitchens 1135 1/th		1-30-17
12-2 Kance Bennessia, 2835 A Econocie	Liza & Occion 1	19-2-98 *
12-4 Henry Rodyfor- 1934 Sunive		12-4-98
12-9 ITJ Diccocn - 25 N 15th 54 Spring	Lou Planie	12-4-(15-7
	Ladrenne	12-17-48/
Flage Floor and Plane Tulgs Loth St		
195 \(\frac{1}{1}\)	North B. S. William	

# FLORIDA PUBLIC UTILITIES CO. DATE 101-23 1998 WORK ORDER NO. ACCOUNT TO BE CHARGED_____ WATER 4 DOT 20 SIGNED _

DATE _

#### COMPLAINT FORM

NAME .	Pat Ruebush
SERVICE ADDRESS	500 s. 17th st.
ACCOUNT NUMBER	01 26065 58037 261-9347
METER NUMBER	11755
TELEPHONE NUMBER	225-2696 (WORK) - 277-7400-pager
	225-2696 (work) - 277-7400-pager Please contact customer before going to the house. Customer wants to be there.
	COMPLAINT Thanks,
LOW WATE	R Pressure, Please V E. Gon
COMPLAINT BY PHONE	*BY LETTER IN OFFICE (PLEASE CHECK ONE)
DATE	
6 SPM	FINDINGS
STATIC 55 lbs	(11,00) (2,00)
·	(11,00) (2,00)
STATIC 55 165	5 gal AT MTR 31 SEC. 4-1-98 3:00 AT 5 gal AT HOUSE 48 SEC.
STATIC 55 165  RESIDUAL 35 165  MAIN IS OPP.	5 gal AT MITR 31 SEC. 4-1-98 3:00 AM  5 gal At HOUSE 48 SEC.  5 gal At HOUSE 48 SEC.  5 jde of STREET - 6"Ac (MAP)
STATIC 55 165  RESIDUAL 35 165  MAIN IS OPP.	5 gal AT MITR 31 SEC. 4-1-98 3:00 AM  5 gal At HOUSE 48 SEC.  5 gal At HOUSE 48 SEC.  5 jde of STREET - 6"Ac (MAP)
STATIC 55 lbs RESIDUAL 35 lbs MAIN IS OPP.	5 gal AT MTR 31 SEC. 4-1-98 3:00 AM  5 gal At HOUSE 48 SEC.  5 gal At HOUSE 48 SEC.  5 JDE OF STREET - 6"AC (MAP)  MVZ - SH
STATIC 55 165 RESIDUAL 35 165 MAIN IS OPP.	5 gal AT MTR 31 SEC. 4-1-98 3:00 AM  5 gal At HOUSE 48 SEC.  5 gal At HOUSE 48 SEC.  5 JDE OF STREET - 6"AC (MAP)  MVZ - SH
STATIC 55 lbs RESIDUAL 35 lbs MAIN IS OPP.	5 gal AT MTR 31 SEC. 4-1-98 3:00 AM  5 gal At HOUSE 48 SEC.  5 gal At HOUSE 48 SEC.  5 JDE OF STREET - 6"AC (MAP)  MVZ - SH
STATIC 55165  RESIDUAL 35165  MAIN IS OPP.  1 19' FROM C/L OF	5 GAL AT MITR 31 SEC. 4-1-98 3:00 PM  5 GAL AT HOUSE 48 SEC.  5 GAL AT HOUSE 48 SEC.  5 GAL AT HOUSE 48 SEC.  9 IDE OF STREET - 6"AC (MAP)  MV2 - SH  ACTION TAKEN  DATE
STATIC 55 165 RESIDUAL 35 165	5 gal AT MATR 3  SEC. (4-1-98) 3:00 AM  5 gal At HOUSE 48 SEC.  5 gal At HOUSE 48 SEC.  9 i DE OF STREET - 6" AC (MAP)  MV2 - SH  ACTION TAKEN  DATE  Service address phone

^{*}Please attach all correspondence, incoming and outgoing.

	COMPLAINT FORM
DATE	5-01-98 - RW
NAME .	Carol Felder,
SERVICE ADDRESS	120 5 4th St.
ACCOUNT NUMBER	01-10486-51463
METER NUMBER	10623
TELEPHONE NUMBER	261-3633
$\wedge$	COMPLAINT
Law	Propul Replaced Service on 6-11-9
	BP MUZ
COMPLAINT BY PHONE	*BY LETTER IN OFFICE (PLEASE CHECK ONE)
DATE <u>5-12.78</u>	
Residual-	20 4" CAST (RON MA, No 60 Need to treach o-closs
Statio -	60 Need to treach or 105
5 gallers o	of meter - 30, ROFD TO DUTIN
	of house - 37 Double set up seein
	ACTION TAKEN
$\frac{-}{2}$	
Sec 510 / 10	DATE EXITO
	DATE

Contacted customer at service address

Contacted customer by phone *Contacted customer by letter

^{*}Please agrach all correspondence, incoming and outgoing.

### FLORIDA PUBLIC UTILITIES CO.

FERNANDINA BEACH, FLORIDA 32034 DATE 5-12-98 WORK ORDER NO. ELECTRIC ACCOUNT TO BE CHARGED_ WATER ADDRESS NATURE OF WORK 120010 me REPORT. 4ne

	Please call in advance.	
		B#10I
	COMPLAINT FORM	
DATE	5/13/98 - RW	
NAME U	15. Kk-Kambright	·
SERVICE ADDRESS	854 5. Hetcher Ave	10 mg.
ACCOUNT NUMBER	0-53217-58148	
METER NUMBER	<u>6408</u>	
TELEPHONE NUMBER	261-7255	
Le	eading 0309 0314	
T/Me /030 AM.	Very hand water lots of line.	
		15.1
COMPLAINT BY PHONE_	*BY LETTERIN OFFICE (PLEASE CHECK ONE)	
	~	V.
DATE	PINDINGS	
	<u>FINDINGS</u>	
This jo	Blas been taken care off IRTHER ATTENTION is NESSE Mileo 1/2 Back	
No Fu	IRTHER ATTENTION iS Nessa	
	Mileo 1/2 Com	

Contacted customer at service address Contacted customer by phone

*Contacted customer by letter

DATE

^{*}Please attach all correspondence, incoming and outgoing.

#### COMPLAINT FORM

DATE	5/15/98
NAME	hairmend Nance
SERVICE ADDRESS	908 N. 1546 St.
ACCOUNT NUMBER	01-30221-58311
METER NUMBER	# 12132
TELEPHONE NUMBER	
	COMPLAINT
Charles &	er fou water Drawwe
DATE	*BY LETTER IN OFFICE (PLEASE CHECK ONE)  TIME - 1015  5-18-98  FINDINGS Ex. 5H.
165701AC -	= 397ds
5 Carlo a series	3 8723
JG HIOH HITT	eter 36 second  Action taken
The Custor	ner Was Not At Some At the time
The MAPLI Double Set us	P 95 OD-the Opposite Side of the Rosel
Contacted customer at Contacted customer be *Contacted customer be	y phone

^{*}Please attach all correspondence, incoming and outgoing.

#### COMPLAINT FORM

- DATE	5-19-98 - A	$\sim$	
NAME .	ACC-Pro Duto	- Alen Danie	2)
		St	
SERVICE ADDRESS	<u> </u>		
ACCOUNT NUMBER	(001)		
METER NUMBER	6994		
TELEPHONE NUMBER	<u> 377-7177</u>		<u></u>
<u> </u>	complain icu prosone -		
COMPLAINT BY PHONE_	*BY LETTERIN	OFFICE(F	LEASE CHECK ONE)
(1). 30	FINDINGS		
Static-30	pols.	rentad.	7 Secs Sgal
Kesiclual-	-20 pds.	No PPes	sive at shop
3 gallon at	- meter - 1	SEC- On Their	after replacement.
sgallon at	house - 3a		
Customer in	ACTION TAK AS HOTC, Le A		2 - Jo FAIL Shop
·			
MAIN is B	elick to be in	2012	
	•	DATE	
Contacted customer as			
*Contacted customer by	· ·		

^{*}Please attach all correspondence, incoming and outgoing.

Leave call cust w/ rouls 261-7676 (WK#) ( 1/1/2) FBH10 11/5 =~0 COMPLAINT FORM NAME SERVICE ADDRESS ACCOUNT NUMBER METER NUMBER -211-91-77 TELEPHONE NUMBER (PLEASE CHECK ONE) COMPLAINT BY PHONE DATE Contacted customer at service address Contacted customer by phone *Contacted customer by letter

^{*}Please attach all correspondence, incoming and outgoing.

### FERNANDINA BEACH, FLORIDA 32034 19 98 WORK ORDER NO. DATE May 29 ACCOUNT TO BE CHARGED WATER ouda avenue House-(ž-)-Service SIGNED DATE _

FLORIDA PUBLIC UTILITIES CO.

# John: Klease call Hr. Bennett WI result PEPP - WK# 361-2133

FB#1C

DATE	06-01-98 -RW	
NAME .	Mr. Mark Bennett	
SERVICE ADDRESS	815 S. Fletcher Ave	
ACCOUNT NUMBER	01-53077-52368	
METER NUMBER	11127	
TELEPHONE NUMBER	(904) 361-2133 (WC#)	
<u>Jery</u>	lau présens -31/2 gab per 1	<u>4:n</u>
COMPLAINT BY PHONE	*BY LETTERIN OFFICE (PLEASE CIT	ECK (
DATE	FINDINGS	
DATE		
DATE		
	FINDINGS	

FLUKIUM FUDLIC UHLIHILD CU.
FERNANDINA BEACH, FLORIDA 32034
DATE 6-3 1998 WORK ORDER NO.
DATE IN _LO NORK CREER NO
ELECTRIC I
ACCOUNTITY BE THAPGED WATER WATER
Juga-ta Ca-tac
MAME Juanita Carter AGORESS 408 S. 15th St. Fernandina Ba
1908ESS 408 S. 15th St. Fernandina Sch
(321-5732 work) WEST LOW Water Pressure-
WATURE OF MOSY LOW LOW LOAD TO DOS STORE -
Please chects-
I lease Checi,
·
===== It took SS Sea Fee Sgal AT meter
STATIC PLOSSURC Was sops.
I was unable to test AT The
bouse due to dogs
MAINZ
Double Set MAIN 6 AC
other side of ROAD
· Mole Deeded.
THORE INCLUSION
7.701
Replace on 7-1-es
Replace on 7-7-es

DATE .	(0) 8 98
•	Mr. Hordon Deca
NAME	
SERVICE ADDRESS	30 N 1545 St.
ACCOUNT NUMBER	01-44011-53931
METER NUMBER	411.055
TELEPHONE NUMBER	261-1075
	COMPLAINT
Cewtoner	has low water pressure.
	d the line from meter to house.
- 1	line from meter to main
re Deace d il	there is a problem. I' meter
	*BY LETTER IN OFFICE (PLEASE CHECK ONE)
. —	
DATE 6-12-83	8 BP MVZ
· ·	FINDINGS
Stone moter	
Cloude Las	e 45 sec
5 tatic	56 Residual 46
	ACTION TAKEN
mar o	is other side of read
Ron Alexand	Service on 6-25-92
10.000000000000000000000000000000000000	RO TO
	DATE
Contacted customer at	
Contacted customer by	phone
Contacted customer by	letter

^{*}Please attach all correspondence, incoming and outgoing.

### Call w/ Rosults

5 30

FB#101

DATE	6/8/98 - Ru	$\supset$	
NAME .	Jan Hiller		
SERVICE ADDRESS	1504 Broone St	·	-
ACCOUNT NUMBER	01-44060 - 55	5015	
	529L		-
METER NUMBER	277-4698	· · · · · · · · · · · · · · · · · · ·	<del></del>
TELEPHONE NUMBER	7/1 1010		_
	COMPLAINT		· *
	an produce		
			•• À.
	` <b>a</b> .	•	
COMPLAINT BY PHONE_	*BY LETTERIN OFFI	CE (PLEASE CHECK ONE	)
DATE 6-9-9		~	
•	FINDINGS		
Marn on 5	are Side of	road	
Doubles	, ~		-
Cistomer	- las a land	replaced service	
_ Costoner	vas orreada	1 Epirage Service	-
,	ACTION TAKEN		
How a mate	~ 455ec.	Static 1/5: 50	2
Plan Car horse	T. Sec	Residen 1 26	
Renkaro	Service in	6-20-98 RP	- /
1. 1.0-1.		/ / DATE //	<u>. '                                   </u>
Contacted customer at		6/9/98 by Phone told	<b>.</b>
Contacted customer by Contacted customer by		the week of 6/22/98	<u>.</u> ce
		T.M.	-
		~ , /// (	

DATE	6/9/98 -	12 m	
NAME .	US Pest CH	ile	
SERVICE ADDRESS	_ 1997 Sadler	- RCI	
ACCOUNT NUMBER			
METER NUMBER	7655 4 88	740216 (T. Rica	d) .
TELEPHONE NUMBER	261-4848		
al	ct of iron in	. the writer	. It
turning	the bed cra	nge.	
7		<b>U</b>	
COMPLAINT BY PHONE_	*BY LETTERIN	OFFICE	(PLEASE CHECK ONE)
DATE			~
Tollow No Dra (New Se	us Called olemis since rvice debit in l	9/21/98	Summet.
<u>- non</u>	e, had coes	Homer Pcin	water
Contacted customer a	t service address	9/21/98 J.	E M

 $[\]forall P \, \mathrm{lease}$  actach will correspondence, incoming and largeing.

DATE	10-98
NAME .	Richard A. Dover
SERVICE ADDRESS	4 N. 14th Place
ACCOUNT NUMBER	01-30232-58376
METER NUMBER	12447
TELEPHONE NUMBER	277-6820
	COMPLAINT
Very low	a water Pressure
COMPLAINT BY PHONE	*BY LETTERIN OFFICE (PLEASE CHECK ONE)
_	•
DATE 6-12	-98
/	FINDINGS
- Plowe mo	for 14 sec J gay
Howa ha	for 145ec 5 gay  50 Sec. 559/  C 56 Residual 52
5 faits	c 56 Residual 52
0.027	ACTION TAKEN
priscon	Son customer side Bf MVZ
	By NIV
	DATE
Contacted customer at	service address / /
Contacted customer by *Contacted customer by	
	· · · · · · · · · · · · · · · · · · ·

^{*}Please attach all correspondence, incoming and outgoing.

Bunday.

DATE	6-11-98		
NAME .	Post-Land		
SERVICE ADDRESS	204 Lighthan	ice Chole	
ACCOUNT NUMBER	01-43919-	15757	·
METER NUMBER	6502		
TELEPHONE NUMBER	977-6651		
	COMPL	TNIA	
low water	er pressure		
COMPLATION DV DUOIS	/ +nv : aggree	TW 055705	(PLEASE CHECK ON
_	. 0	IN OFFICE	CALEVZE CHECK ON
DATE 6-17-95	88		~
	FINDI	NGS	
Bandnen	) Service.	Cistome	~ Not home
J.P.	Dervice.	again.	call De
B.P. 19	7)		
	- ami ou		
	ACTION 1	TAKEN	
			DATE
ontacted customer a			<u> </u>
ontacted customer b ontacted customer b			

^{*}Please attach all correspondence, incoming and outgoing.

20 40 646

DATE	6/12/98	- Pu		
NAME	David	Capla-		
SERVICE ADDRESS	1617 At		2	
ACCOUNT NUMBER		85-5225N		
METER NUMBER	10016			
TELEPHONE NUMBER	261-51			
	COMPLA Plane	LINT		
- Ficu	Pleane.			
				<b>-</b> .
COMPLAINT BY PHONE	*BY LETTERI	N OFFICE	(PLEASE CHECK ON	٤)
DATE 6-16-98	3P		~	
•	FINDIM	<u>GS</u>		
flowe meter	20 secs Sin	1	·····	
flowe moter	40 Secs &	ιζ	<u>'</u>	
Static .	54 Res	ideal 45	<u> </u>	_
	A CETTON (E)	AVEN		
1/10 1/2 01	ACTION 'TA			'
	2 Same Sid			
Single Se?		under	ease of	
road			DATE	
Contacted customer at				
*Contacted customer by	•			_

^{*}Please attach all correspondence, incoming and outgoing.

DATE	6-12-98	
NAME .	William W. Edimon	
SERVICE ADDRESS	1005 N 15th .St	
ACCOUNT NUMBER	01-30209-60617	
METER NUMBER	9110	
TELEPHONE NUMBER	261-8553	
	COMPLAINT	
low water	tr pressure	
	/	
COMPLAINT BY PHONE_	*BY LETTERIN OFFICE	(PLEASE CHECK ONE)
DATE 6-16-98	BP	~
		1 - 7500 550
flow a moto	ven Pl	000 75ec 5ga,
flow a hors		
Static 0	TY Resident 48	
	ACTION TAKEN	
main o	n same side doubt	e setup
Replaced	Service, B.P + T.C	6-22-98
,	-	DATE
Contacted customer a	py phone	
Contacted customer b	y letter	

^{*}Please attach all correspondence, incoming and outgoing.

DATE	<u>6/12/98</u> - f	7W	
NAME	KStivers		
SERVICE ADDRESS	1466 Clin	ch Dr.	
ACCOUNT NUMBER	4dna Bd	7 fla 32034	
METER NUMBER	01-62108-	· · · · · · · · · · · · · · · · · · ·	
TELEPHONE NUMBER	6822		
	COMPLA P.LOD	INT WL	
COMPLAINT BY PHONE_	*by letteri	BP/TC	~
	FINDING	•	~
3tatic - 50		eplosed on 7	- 1.8
residual-40			
Sgal. at me	ter- 35		
5 gal. at how		VEN	
Touble set u	ACTION TA		41 Alicin Side
Mclike on	opposite side	= af stre	et
Castomer m	1		<u> </u>
		DATI	<u> </u>
Contacted customer as Contacted customer by			
Contacted customer by			

^{*}Please attach all correspondence, incoming and outgoing.

COMP	LAINT	FORM

DATE	1012/98-Ru	<u> </u>
NAME .	-Us. Opleman	
SERVICE ADDRESS	914 Calhour	Or
ACCOUNT NUMBER	01-10331-57	458
METER NUMBER	9042	
TELEPHONE NUMBER	321-0067	
$\wedge$	COMPLAINT	
J		
**	Mole Deeded	**
	0,0 0,000	717.
COMPLAINT BY PHONE	*BY LETTERIN OFF	CE (PLEASE CHECK ONE)
DATE 6-22-98	7	~
	FINDINGS	
STATIC PESS	<del></del>	
5 401 / 195	Sec. AT METER.	
10 x 23/6 to 7	Bit at house here	so there were not any facets.
UTCHER 15 7.	251 Q 1- AVOSC DECEC	ox were course for any three s.
	ACTION TAKEN	
	OPPSITE SIDE	OF STREET
SEWIL		
1	DONE MV	2/CG 7-13-98
N		DATE
contacted customer at Contacted customer by		6-22-78
Contacted customer by		

^{*}Please attach all correspondence, incoming and outgoing.

DATE	6-15-98
NAME .	Emma Brizele
SERVICE ADDRESS	516 N. 1149 St.
ACCOUNT NUMBER	01-10319-53210
METER NUMBER	81394
TELEPHONE NUMBER	261-9817
2	COMPLAINT
Low We	ater pressure. Please V ASAP
	· · · · · · · · · · · · · · · · · · ·
	Thank you,
	E. Gones
COMPLAINT BY PHONE_	*BY LETTER IN OFFICE (PLEASE CHECK ONE)
DATE	
	FINDINGS
60 osi Record	59440~ 20 Sec. 166 Sec
Residuel	1 × 0 aci
	PASSED, MVZ.
( <u> </u>	ACTION TAKEN
CANT +e	ST AT house No spickat
Contacted customer at	T service address
Contacted customer by Contacted customer by	y phone E /19/7.8 Problem their side ]
ontacted customer by	

^{*}Please attach all correspondence, incoming and outgoing.

COMPI	THIA	FORM
-------	------	------

DATE 6/16/98	- RW
NAME Hickael	Lamh
<del></del>	Hetcher Ave
0157122	-5721d
	0/214
METER NUMBER 12153	·
TELEPHONE NUMBER $\frac{26-2122}{}$	
Law wir pressure	Please run flas test.
Call 277-8012	W roult
COMPLAINT BY PHONE*BY LETTER	IN OFFICE (PLEASE CHECK ONE)
DATE	<del>-</del>
Please sent a copy	of let to Carl, Per Carl
5 GAR Q 35 SEC. STATIC	55 - Residual Q
5 GAL Dhouse 45 SEC. 5 main is on opp. side of	TATIC 55 / Residual 2-5
~	
<u>ACTI</u>	ON TAKEN
<u>:</u>	
	DATE
Contacted customer at service address Contacted customer by phone	
Contacted customer by letter	

*Please attach all correspondence, incoming and outgoing.

DIDWE DO THIS ONE -

FB#101

	1 7/9/98	
1001	PERM 4 7/9/98 COMPLAINT	FORM

חא שב .	6/16/98 - F	\war-	
DATE	Hichael La	mh	
NAME .	2410x 5 1/2	the Ave	
SERVICE ADDRESS	01-57133-5		
ACCOUNT NUMBER			
METER NUMBER	12/53		·
TELEPHONE NUMBER	261-2122		
Law i	Hr Plenul.	Plese run	flastet.
Call	277-8012 W	roult	
COMPLAINT BY PHONE_	*BY LETTERI	IN OFFICE	(PLEASE CHECK ONE)
DATE			-
Please sen	da copy ch	test to Co	il, Per Cail
	SEC. STATIC 5		
5 GAL D hou	SE 45 SEC. STAT	rc 55 Residua Road.	L 25
*	ACTION T		
L'ACK+ BORE	Completed	8/12/98	
GUYS GOOD.			
			DATE
Contacted customer a	t service address		DATE
Contacted customer b	y phone		
James D	, – – <del></del>		

^{*}Please attach all correspondence, incoming and outgoing.

Permit

DATE	6-16-98	MAILED - 13-15T
NAME .	lane-Mashburn	
SERVICE ADDRESS	320 5 Sth St	
ACCOUNT NUMBER	0 1-14-652-5623	20
METER NUMBER	10867	
TELEPHONE NUMBER	261-4247	261-4642_
Low	COMPLAINT COMPLAINT	B0
COMPLAINT BY PHONE_	*BY LETTERIN OFF	ICE (PLEASE CHECK ONE)
	FINDINGS	
	· · · · · · · · · · · · · · · · · · ·	
	ACTION TAKEN	1
		DATE
Contacted customer : Contacted customer : Contacted customer :	oy phone	

^{*}Please attach all correspondence, incoming and outgoing.

## FLORIDA PUBLIC UTILITIES CO. FERNANDINA BEACH, FLORIDA 32034 DATE JUNE 181998 WORK ORDER NO. ELECTRIC ACCOUNT TO BE CHARGED_ WATER ADDRESS___ NATURE OF WORK REPORT.

220

DATE	06/22/98 -	· Rw	
NAME .	Mr. 5A. Sp	erce	
SERVICE ADDRESS	17615.7C	tcher Ave	
ACCOUNT NUMBER	01-53571		
	155/2		
METER NUMBER	261-741de		
TELEPHONE NUMBER	961 1146		
^			
$\mathcal{L}_{\alpha}$	<del></del>	LAINT	
- 10w.	prossure,		
COMPLAINT BY PHONE	*BY LETTER_	IN OFFICE	(PLEASE CHECK ONE)
^		)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
DATE 6 - 25	3-98 BY	•	_
. 0/	FIND	INGS	
Howa Ma	ter 40 550	$\sqrt{}$	
flow a ho	ase 60,5	ec Sal	
State.	50 P.S.1	Rosidael	30 Ps:
			_
	ACTION		
1005/0	set of	Main O.	n Same
Of Coas			
,			
	ì	) one 6/3	DATE 38
Contacted customer a Contacted customer b		ノロハクラン	0/10
Contacted customer b			

*Please attach all correspondence, incoming and outgoing.

Hth: John	:				
Ms. Harden w	ill be				
cut et town		L			FB#1C
?lease work	this s	COMPLAINT FORM			
hurs or Fuidau	6-24-	98 - Ru			
DATE PER CUST.	Ns. L	landon			
SERVICE ADDRESS	2010 B	eech St.			
ACCOUNT NUMBER	01-26	019-602	222		
METER NUMBER	10908				<del></del>
TELEPHONE NUMBER	261-386	~ <u>`</u>			
^		COMPLAINT			
$\bigcap$	1 0	COMPLAINT			
- Meu	wtr. Pres	our.			
			<del></del>		
					<del></del>
COMPLAINT BY PHONE_	*BY LETTER	RIN OFFIC	Ε	(PLEASE CHECK ON	E)
				~	ŕ
DATE		-			
,		FINDINGS			
iOpsi Sgal a	A 20 sec.	(Passed)	MUZ		
		0 1-	····		<del></del>
could no	1 test at.	Rouse / B.E	I' was to	o low.	
	<u>A</u> 0	CTION TAKEN			ı
				-,	
			<u>D</u>	ATE	
Contacted customer a		3 <b>S</b>			
Contacted customer b	· ·				

^{*}Please attach all correspondence, incoming and outgoing.

COMP	LAI	TNI	FO	RM

	- DATE	6/24/98 - Pw	
•	NAME	Hs. Hendrieth	
	SERVICE ADDRESS	1123 Dun St	
	ACCOUNT NUMBER	01-18030-55644	
	METER NUMBER	6525	
	TELEPHONE NUMBER		
	$\mathbb{D}$ .	COMPLAINT	
		Propure	
	·		
	COMPLAINT BY PHONE	*BY LETTERIN OFFICE	(PLEASE CHECK ONE)
	DATE 6.26-98		~
	•	FINDINGS	
51;	anc 60 lbs. 20	sec. for Sgollon at Mit	PASSED
Re	esiduel Holos	sec. for Sgollon at Mits Egals at house is 80 s	ec
		(	
		ACTION TAKEN	i.
			DATE
	Contacted customer as		
	Contacted customer by *Contacted customer by	· · · · · · · · · · · · · · · · · · ·	

^{*}Please attach all correspondence, incoming and outgoing.

DATE	June 25, 19	198	
NAME .	Conway (Mu	1RHE) VICKER	5
SERVICE ADDRESS	2307 S. Fle	tcher Ave.	
ACCOUNT NUMBER	01 - 57839 - 5	51951	
METER NUMBER	10647		· · · · · · · · · · · · · · · · · · ·
TELEPHONE NUMBER	(904) 261-2	902	1
Low water	complai pressure Plea	INT	(912) 384-7811-DA (912) 384-4758- Even
COMPLAINT BY PHONE	*BY LETTERIN	OFFICE	Thank you, E. Jones (Please Check one)
DATE	FINDING	<u>s</u>	
			<del></del>
		(	
Rebuilt on Side stil	action tall ur s'ide ui Il needs to		er. Their laced.
Contacted customer at Contacted customer by Contacted customer by	phone	Daughter of o	Wher 6/26/98

^{*}Please attach all correspondence, incoming and outgoing.

DATE	June 25, 1998	
NAME	F.E. (Vera) Boner	_
SERVICE ADDRESS	420 Cifrona DR.	_
ACCOUNT NUMBER	01 26142 52899	
METER NUMBER	10182	_
TELEPHONE NUMBER	261-2766	!
	COMPLAINT	
Low water	pressure, Please / ASAP	<del></del>
***************************************		
	Thank you	_
	E. Gones	
COMPLAINT BY PHONE V	*BY LETTERIN OFFICE (PLEASE CHECK ONE)	)
DATE		
,' 	FINDINGS / WE have - PUC f mtor - 8 sec. / CLASSIFFER has PUR 1/65	ON
5 gallon a	+ mtor - 8 sec. / Castomer has Pere	001R 5181
Pressure 60	lbs	
CAN'T TEST.	AT house - GATE IS, LOCKED	
.1.17 / 2/	GX	
MVZ-6-26	ACTION TAKEN	
/		•
Contacted customer at	service address	
Contacted customer by Contacted customer by	phone	

^{*}Please attach all correspondence, incoming and outgoing.

* Need Locator

		MIKT
	COMPLAINT FORM	10483
DATE	(c-2)(c-96)	1040
	Robert B. Smith	B 001 0088
NAME .	2646 S Fletcher	7-24-98
SERVICE ADDRESS		
ACCOUNT NUMBER	$\frac{01-51151-60676}{600000000000000000000000000000000$	
METER NUMBER	16 2 107 7 706	•
TELEPHONE NUMBER	(912) 427-4779	•
f i	COMPLAINT  COMPLAINT  COMPLAINT	FAILED
COMPLAINT BY PHONE_	*BY LETTERIN OFFICE	_ (PLEASE CHECK ONE)
DATE _ 6-26-0	18	
•	FINDINGS	
Meed more	time set aside to f	2, nd Gok
	wash out demped	•
BP 6-24	7-28.	
I CALLED &	ACTION TAKEN  ACTION TAKEN  CITY Line 50') S.W. Presperty	NVZ CUSTOMER
M. W. Frape	city Line 50') S.W. Property	
85 sec AT M	TK FOR S GAL - FAIL	EP
MAIN is OF	PP SIDE of ROAD - 16 1	FROM C/L OF ROAD
· 1/-0 1/2:11 C	t service address AT SAME 7  y phone  y letter	eT. DATE
	ME CN 226 HIS (	V(KE)

DATE	June 29,1	998		
NAME .	Marion A.	Johnson		
SERVICE ADDRESS	2185 Talbo	+ C+.		
ACCOUNT NUMBER	01 - 26244 3	56814		
METER NUMBER	8205 .			
TELEPHONE NUMBER	261-4409	- Please c	untact cu	stomer
		of resul	Its after Ti	resday
	COMPLA	INT		<i>J</i>
Low water	pressure Pla	ease /		
	•			
			Thank y	ou.
			٤. ۶	ones
COMPLAINT BY PHONE	*BY LETTER I	N OFFICE -	(PLEASE	CHECK ONE)
DATE 7/9/9	8		~	
	FINDING	3S _	•	
12 sec. 1		$\overline{z}$	15SEP	
25 sec a	on 5 gal at mt	nael		· · · · · · · · · · · · · · · · · · ·
		/		
	ACTION TA			1
LAPY HAD	•	neens c	on Kitche	~ sin
LAPY HAD	ACTION TA	neens c	N Kitche	~ sin.
LAPY HAD	•	neens c	N Kitchs NIVZ	~ SIN.
LAPY HAD	clogged sc	neens c	NIVE  DATE	r sin.

^{*}Please attach all correspondence, incoming and outgoing.

DATE	7/2/98		
NAME .	CHARLES	CROSBY	
SERVICE ADDRESS	12 South	1674 St.	
ACCOUNT NUMBER			
METER NUMBER	7249		
TELEPHONE NUMBER	261-536	<u> </u>	
			_
	COM	PLAINT	
Low wir	TER Pros	SURE	
COMPLAINT BY PHONE	*BY LETTER_	IN OFFICE	(PLEASE CHECK ONE)
DATE			-
	FINE	INGS	
	•		,
		,	
		4	
	Ven - The	TAKEN	1
tral	Jen - The	ir sive	
Contacted customer at	service address	M17	DATE / 7/98
Contacted customer by Contacted customer by	plione	/ <u>·//</u>	
citeacted educomer by	10000		

^{*}Please attach all correspondence, incoming and outgoing.

DATE `		172195					
NAME		G Co.			···	<u></u>	
SERVICE ADDRESS		19 SOL	8TH	1674	57		
ACCOUNT NUMBER		<del></del>	<del> </del>		<del></del>		
METER NUMBER		883	6			···	
TELEPHONE NUMBER							
			COMPLAI	NT			
Low w	F-+ - 1,	_ P/25	سير الكذية			<del></del>	
			•		·/··		
COMPLAINT BY PHO	NE	*BY LETTER	IN	OFFICE_		(PLE	ASE CHECK
COMPLAINT BY PHO	•		IN			- (Plet	ASE CHECK
•	•					(PLE	ASE CHECK
•	•					(PLEA	ASE CHECK
•	•			<u>S</u>	<u> </u>	(PLE	ASE CHECK
•	•		FINDING:	<u>S</u>		(PLEA	ASE CHECK
•	•		FINDING:	<u>S</u>		(PLE	ASE CHECK

^{*}Please attach all correspondence, incoming and outgoing.

ILONIDA IODLIO O		
FERNANDINA BEACH, FLORIDA 32034		
DATE 7-2 19 98 WO	RK ORDER NO	
	ELECTRI	С
ACCOUNT TO BE CHARGED	WATER	
NAME Michael SI	m: th	
-	27	<del> </del>
ADDRESS 626 5.8Th	21.	<del></del>
- FB	+ 91160	<del></del>
NATURE OF WORK	1430)	<u> </u>
Later Pour	and cir	<u> </u>
_ ct meter	. 7	
	· · · · · · · · · · · · · · · · · · ·	
		-
REPORT		
		<del>- · · · · · · · · · · · · · · · · · · ·</del>
		<del></del>
<u> </u>		
JAKO		
	·	
	·	
IGNED	DATE 7-2	-98

FLORIDA PUBLIC UTILITIES C	CO.
DATE July 6 19 98 WORK ORDER	. *
	ELECTRIC D
ACCOUNT TO BE CHARGED	WATER 🖸
NAME Mr. Hollingr	
ADDRESS 4136 S. Fletcher a	12
321-4256	
NATURE OF WORK	
els installere an ini	gation
line & needs a plan	Tost
done. He was told he a	ordo
	minute
Can you leave a note	chen
this is completed w/-	
results. Thanks -	
REPORT	
	<del>}</del>
197	<del></del> _
1/1/2	
a 100 105	•
/ WHEN WAS	
There Attame	of
	·
,+257	
	//

DATE	July 7, 1998	
name .	BIH (Margie) M	<u>ason</u>
SERVICE ADDRESS	8915 Fletcher	Ave.
ACCOUNT NUMBER	01-53086-51069	7
METER NUMBER	11914	
TELEPHONE NUMBER	(904) 261-5075	
	COMPLAINT	
Low wa-	er pressure. Plea	ise V ASAP
		·
		Thank you
COMPLAINT BY PHONE_	*BY LETTERIN OFFIC	ce (Please check one)
DATE 7-9-98		. ~
	FINDINGS	
5gal	at juti - 20 sec	60 psi (PASSED)
Coulp	NOT. fast on an	stones side MUZ
	A CONT ON A CRAVENA	
	ACTION TAKEN	'
		DATE
Contacted customer at		
Contacted customer by *Contacted customer by		

^{*}Please attach all correspondence, incoming and outgoing.

COMP	LAINT	FORM

DATE	7-7-98	- PXU		
NAME	MS.J. Hal	loway)	···	
SERVICE ADDRESS	912 Buson	ne. 51 ⁵		
ACCOUNT NUMBER	<u>01-54477-</u>	10353		
METER NUMBER	8923		· ·	·
TELEPHONE NUMBER	261-3914			
	COI	1PLAINT		
<u> </u>	Low prose	le		
COMPLAINT BY PHONE_	*BY LETTER	IN OFFICE	(PLEA	SE CHECK ONE)
DATE 7-9-98			~	•
500la 125	<del></del>	DINGS 60 psi		Passed
Scala ha	ec at meter, use 40 sec		<del></del>	
sque C. qui	70 300	· ·		
	<del></del>	N TAKEN		
I	TALKED TO	CUSTOMER	MV	<u>z)</u>
8 Sugges	TED She go	+ Plymmen	40	Replace
her 1	ine From 1	ATK to ho	45€	
			DATE	
Contacted customer (Contacted customer )				
*Contacted customer l				

^{*}Please attach all correspondence, incoming and outgoing.

FLUKIDA PUDLIG OTILITIES C	∪.	
FERNANDINA BEACH, FKORIDA/32034		
DATE WORK ORDER N	10	
	ELECTRIC	
ACCOUNT TO BE CHARGED	WATER	
$\mathcal{D}$ /		
NAME Brewton	_	·
ADDRESS 1105 S. 13th ADT#S	>	<u> </u>
Meter # 4015		
Change out meter ASAP		`
Change out meter ASAP		
Low Pressure		
,		—
PASSER		<del></del>
5 and at mit. Dear		
REPORT 5 gal at mh. 8 sec.		
	<del></del>	<del></del>
	<del></del>	
		<u> </u>
	·	
	- 000	
MUZ	7-9-98	

COMPLAIN	T FOR	M
----------	-------	---

DATE	7998	<i>)</i>			
NAME	Fiation.	hoberto.	07 30	e Novuc	si loon
SERVICE ADDRESS	14 8.	2nd &	+. "		ma ragi
ACCOUNT NUMBER	01-6459	-77510	<del> </del>	······································	
METER NUMBER	# 7860			· · · · · · · · · · · · · · · · · · ·	
TELEPHONE NUMBER	321-255	8 02 3	Ba1-41a:	3	
7.05		COMPLAINT			
Veru lous	water pr		. Gich	iiiaohaa	well
not & fill	Properly	. d			
0	- I			-	
DATE		FINDINGS	DA	Pace 7	18 2'W' 2000
K. C.				<u>'</u>	
- N. C	400	·			
	<u> </u>	CTION TAKEN		-	<del>-</del> .
				. ,	
	. ,			- Jens	
				DATE	

^{*}Please attach all correspondence, incoming and outgoing.

DATE	1-15-48 -	Bu Bu	
NAME .	Betty Duce	kw 9th	
SERVICE ADDRESS	885°5.76	etcher Ave	2
ACCOUNT NUMBER	01-53084	-51018	
METER NUMBER	8904 .		
TELEPHONE NUMBER	277-222	<u> </u>	
	COMPLAIN	<u>NT</u>	
	Bad sull, 5	Sulsur	
		V	
COMPLAINT BY PHONE	*BY LETTERIN	OFFICE	(PLEASE CHECK ONE)
DATE			~
•	FINDINGS	_	
·			
		(	
•			
( ) of to	ACTION TAKE		•
(emplese	2. 8/17/98	CG TC	
	<del></del>		
ontacted customer at	service address	DA	TE
ontacted customer by ontacted customer by	phone		
, o caccaca cascamer by	~~~~		

^{*}Please attach all correspondence, incoming and outgoing.

FLORIDA PUBLIC UTILITIES CO.	
FERNANDINA BEACH, FLORIDA 32034	
DATE July 15 1998 WORK ORDER NO.	-
ACCOUNT TO BE CHARGED WATER	<u>.</u> E
NAME LISM Combis / Elegabeth Stillan ADDRESS 318 \$ 3rd / 321 5.3rd	₹
ADDRESS 318 \$ 3 M / 321 5. 3 M	-
NATURE OF WORK Shey say their water	-
has a norreble suffer smell. She soup et will turn your	-
	-
Stomach it Stinks SU bad.	-
Can yall please theck as	-
Soon no passible + let	-
sher know. Theyre afraia	-
to drink it.	-
REPORT	-
	-
	-
Left Door HANGER on 7/11/98.CG	-
<del>/)</del>	-
the problem corrected itself.	-
The problem corrected itselt.	
	-
	<u>-</u> -
	- - -
	- - -
	-
	-
	-
SIGNED Cliff Cana DATE 7-17-98	

	COMPLAINT	FORM	
DATE	7 23 98		
DATE	My Dolor	chach-	
NAME	Mis. Ralph	C. C. C.	
SERVICE ADDRESS	- Hill Ceran	Ewalock Di	
ACCOUNT NUMBER		207	
METER NUMBER	# 115.31		<u> </u>
TELEPHONE NUMBER	321-0152		
	COMPLAI	<u>NT</u>	
Ciutemar	vaid water	unchles like	metha no
Gas. Pl	aux chock i	as soon as	4021
Can. H	our buler in	house.	.7
COMPLAINT BY PHONE_	*BY LETTERIN	OFFICE(	PLEASE CHECK ONE)
DATE			
DATE		_	
ı	FINDINGS		
No one f	10me 7-24-98@2;	30 MVZ /LEFT	DOOR TAG
			·
	ACTION TAK	KEN	
	<del> </del>		
		DATE	
Contacted customer a		M/2 7/2	4/98
Contacted customer b Contacted customer b		/	

^{*}Please attach all correspondence, incoming and outgoing.

COM	PLA	INT	FORM

DATE	01/30/98 -	RW
NAME · ·	Mr. S. Strick	land
SERVICE ADDRESS	1413 5. 4/2	tcher
ACCOUNT NUMBER		
METER NUMBER	10075	
TELEPHONE NUMBER	277-4611 (u	JKH)
. Dadriiona iionaan		
	COMPLAIN	or
Law	ut pressure.	<u>u</u>
200 (	Dir pressies.	
	<del></del>	
COMPLAINT BY PHONE	*BY LETTER IN	OFFICE (PLEASE CHECK ONE)
DATE	· ·	. ~
- PVC	7 Sec FINDINGS	gal Bucket
	62 STATIC	
	54 Residule	
	ACTION TAKE	<u>EN</u>
•		<u> </u>
Contacted customer at	geruice address	B.P. Talker )/mother
Contacted customer by	phone	
Contacted customer by	reccci	

^{*}Please attach sil correspondence, incoming and outgoins.

	FLOKIDA PUDLIC UTILITIES C	□     .
	DATE WORK ORDER NO	0
	ACCOUNT TO BE CHARGED	ELECTRIC D
	NAME Jamie Tomaszewski	
	ADDRESS 2070 BONNIE CAKS I	)'T
	NATURE OF WORK VERY LOW LIGH	6
	pressure	
	-	
	REPORT Problem was on custo Side, they are aware of	mer
•	Side, they are aware of	. The
•	prostar.	
<b>-</b>		
·		
÷		
_		
	•	<del></del>
•		
-		
s	IGNED DATE	7-23-90_
	-	

FLORIDA PUBLIC UTILITIES C	Θ.	
FERNANDINA BEACH, FLORIDA 32034		
DATE	•	
0	ELECTRIC	Ξ
ACCOUNT TO BE CHARGED	WATER	£
NAME Jaka Dunds		
ADDRESS 314 New St.		
· · · .		
NATURE OF WORK		
Very low water fr	essur	$\mathcal{C}$
		_
		_
70 - 1 - 1 - 1 - 1 - 1 - 1 - 1		_
REPORT 30 Sec. / Sgal bucker	AI MEI	10
STATIC 50 PSI		
Residuel 45 981 - NO SPICE		E
*Need More time to find out	what	
Size main 15 there.		
PASSED Test		
PASSED Test		
PASSED Pest		
PASSED Pest		
PASSED Test		
PASSED Pest		
PASSED Pest		
PASSED Test		

COMP	LAINT	FORM

DATE	01/30/98	- RW	
NAME	Mr. S. Stric	tland	
SERVICE ADDRESS	1413 5. 41	etcher	
ACCOUNT NUMBER			
METER NUMBER	10075		
TELEPHONE NUMBER	277-4611 (	WKH)	
•	COMPLA	INT	
<u>Lau</u>	Utr pressure,		
•			
COMPLAINT BY BUONE	*BY LETTERI	N OFFICE	(PIEASE CUECY ONE)
COMPLAINT BY PROME	NBT LETTERT	N OFFICE	(TEENSE CHECK ONE)
DATE	·.		· •
PVC	7 Sec FINDING	Gal Buck	e f
	EZ STATIC	1	
	54 Residu	le,	
<del></del>			
	ACTION TA	<u>KEN</u>	•
			ms ( / 11
Contacted customer at		B.P. Tat	Ked War other
Contacted customer by			

^{*}Please strach all correspondence, incoming and ourgoing.

	CONFLATAL FO	JR24	
DATE	7/38/98		
NAME	potte Piclas	20112 / Cl. W	illiamo.
SERVICE ADDRESS	1114 Deech x	it.3	
ACCOUNT NUMBER	01-18062-50403		
METER NUMBER	#10698		
TELEPHONE NUMBER	904-744-695	7	
i	COMPLAINT		
How writer	presence.		
COMPLAINT BY PHONE_	*BY LETTERIN O	FFICE(PL	EASE CHECK ONE)
		~	
DATE		,	
Philips 1966	· Leak inclei	house	
- RESPONDE	FRINGE TO THE	IK, Dith E	ustomer
	History of	Leak Drobber	oco totale t
	ACTION TAKEN	<u> </u>	
		D 4 407	
Contacted customer as		Falkette	Adiles
Contacted customer by *Contacted customer by			

^{*}Please attach all correspondence, incoming and outgoing.

FERNANDINA BEACH, FLORIDA 32034  DATE LIGHT 19 WORK ORDER NO.
ACCOUNT TO BE CHARGED WATER  NAME KILL SUUTTIL
- NAME KUY JULIUNG - ADDRESS 4432 Sitlest Pr
NATURE OF WORK MYERRY LIQUE LITTER - PROBLEME
THATONIE OF HOME STORE OF SECRET PROBLEMS
-
- By K and a Curt-
- Broken pipe on Customers
Side pressure Sine.
REPORT
TC.
- 1 a C 1 a 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Left note for C.U.Stomer.
•

DATE _

SIGNED

DATE	Aug. 12, 1999	, 		
NAME .	Robert Lanc	1		
SERVICE ADDRESS	204 Lighthou	ise Circle	>	
ACCOUNT NUMBER	01-43912-7			
METER NUMBER	6502			
TELEPHONE NUMBER	261.6651			
Low wate	complain r pressure. Plea			
			Thank you	 /
COMPLAINT BY PHONE	*BY LETTERIN (	FFICE	Thank you Earline C (PLEASE &	Jones Heck one)
DATE			~	
· (	FINDINGS			
18 sec per	5 gal AT METER	-) STATIC	PICSS.	55 ps.
UNABLE TO 7	5 gal AT METER -EST AT HOUSE	} Residu	alpress. 7	45p8,
	ACTION TAKE	<u>N</u>		1
Contacted customer at Contacted customer by Contacted customer by	phone	8-17	<u>DATE</u> ?-98	

^{*}Please attach all correspondence, incoming and outgoing.

	COMPLAINT FORM	
	$x = \sqrt{3}$	
DATE	Mrs -alico Mills	
NAME	Û Jo	
SERVICE ADDRESS	2782 D. Aletohe	
ACCOUNT NUMBER	01-57119-57488	
METER NUMBER	#89ale	
TELEPHONE NUMBER	261-0803	
	COMPLAINT	•
Vera Porce	rater Drawine	it it possible the
lasken la	lu has anuthi	of to do with pressure:
Please do	1 7 7 7	al little for loaking
town + would	like to turn '	wto. Eff the moclies.
COMPLAINT BY PHONE	*BY LETTERIN OFFIC	CE (PLEASE CHECK ONE)
DATE	98	~
DRIL V	FINDINGS	
Ala Ocean	1.06	maine Opposito Sid
10 presse	()	Maine Oppositr Sid
	Ja-	our side-galr.
J	16r 1154534 49999	T (
09534749 Sea	CX 3/2 4 ACTION TAKEN 6483	
	N# 5398370	
	N# 5398370 C# 36759001	
		DATE
Contacted customer a	t service address	8-19-98
*Contacted customer b	y letter	

^{*}Please attach all correspondence, incoming and outgoing.

DATE	9-10-48 - PW	
NAME	Carl Middleton	
SERVICE ADDRESS	1911 Surrise Dr.	,
ACCOUNT NUMBER	01-44221-51383	•
METER NUMBER	10739	
TELEPHONE NUMBER	261-4053	
	COMPLAINT	
Wate	ectobe bad.	
COMPLAINT BY PHONE_	*BY LETTER IN OFFICE	(PLEASE CHECK ONE)
		~
DATE		
	FINDINGS	
a y ao	hleine residual.  - is ak - Biot Still, LET  IVZ Needs to be checked	- 0
1-16-78-6	- 15 OK - BIOT STILL, LET	Custoner Run
his WATER (M	1VZ) Needs to be checked	AGAIN ON 7-17-98
	ACTION TAKEN	
Informed		er run for The wilken
Will Chark r	essavel on Worday	
0.111	CST CCC CS CS CS CS CS CS CS CS CS CS CS CS	
		DATE
	t service address	9-11-98
Contacted customer b Contacted customer b		
	·	

^{*}Please attach all correspondence, incoming and outgoing.

CO	MP	F.A	TN	T	FO	RM
$ \circ$			- 11	_		ra .

Q-14-98 -	RW
NAME Mrs. RB B	ailer
SERVICE ADDRESS 838 N Fletche	Aie
ACCOUNT NUMBER 01-48719-5	7470
meter number $\sqrt{261-5655}$	
TELEPHONE NUMBER 1 H+++ 8963	,
Bad Snell.	<u>IT</u>
COMPLAINT BY PHONE*BY LETTERIN	OFFICE (PLEASE CHECK ONE)
In Hot Water Heate	
	(
Talked with eu Showed her Re at Kitchen 5in Ki	stomet esidule CLZ Reading
Contacted customer at service address Contacted customer by phone *Contacted customer by letter	MVZ 9/16/98

^{*}Please arrach all correspondence, incoming and outgoing.

SEP 1 4 1998

COMP	2 T	T	NT	FO	D.M
COURT	אשו	т,	A T	rυ	w

DATE	9-14-98	· - Pu	$\supset$		
NAME	Mrs. RB	Bail	احا		
SERVICE ADDRESS	838 N 46		tie		
ACCOUNT NUMBER	01-48719	<del></del>	70		· · · · · · · · · · · · · · · · · · ·
•	261-5655				
TELEPHONE NUMBER	HIrt 89	163	**************************************		
			· · · · · · · · · · · · · · · · · · ·	<del></del>	
	CO	MPLAINT			
Bad Sne					
COMPLAINT BY PHONE	*BY LETTER	IN OFFIC	E	(PLEASE	CHECK ONE)
DATE			·		
In Hot		rater			
	•	<del> </del>			,
			·		
Talked Show at Kitc	1. With	Resid	omer Fule C	LZI	Reading
Contacted customer at Contacted customer by Contacted customer by	phone		MVZ	DATE 9/16/9	8

^{*}Please attach all correspondence, incoming and outgoing.

	COMPLA	INT FORM	
-	$G/u_{\bullet}/GZ$		
DATE	0 10		
NAME		200	^\
SERVICE ADDRESS	•	ntic View (	in.
ACCOUNT NUMBER	01 - 53381 -	57958	
METER NUMBER	49215		
TELEPHONE NUMBER	261-9255		
	COM	PLAINT	
Vin low	water pres	MIC	
COMPLAINT BY PHONE_	*BY LETTER	IN OFFICE	(PLEASE CHECK ONE)
	·		-
DATE		^	$\sim$
Dag (	FINI	HINGS ALPE	Softener
Toot (	LONDITION O	1 00,46	
7			
WAter	Seftener ACTION	Told custon	mer problem)
			1
			DATE /
Contacted customer a	t service address	BPG	1/25/98
Contacted customer by			· /

^{*}Please attach all correspondence, incoming and outgoing.

CO	MP	LA	Ι	N	T	F	0	RM

DATE	9-21-98 -	-Ru)		
NAME .	Scott Bl	exikon		
	603 Broo			
SERVICE ADDRESS	01- 10285-			
ACCOUNT NUMBER		31200		
METER NUMBER	7949	<u> </u>		
TELEPHONE NUMBER	277-725	0		-
water	twote and 5	melb bac	<u>l</u> .	~
complaint by Phone_  Date 9/25/98  LOW Res	*BY LETTERI		(PLEASE C	IECK ONE)
	•			
			,	·
FLUSH	ACTION T	AKEN ACTS ) L	O AREA	-
Contacted customer as Contacted customer by Contacted customer by	y phone	Left)	DATE DOOF hanger	B.7, 9/25/

^{*}Please attach all correspondence, incoming and outgoing.

	COMPLAINT FO	<u>RM</u>
DATE -	9/21/98	
NAME .	Louis Masseo	
SERVICE ADDRESS	2812 atlantic	View Dr.
ACCOUNT NUMBER	01-53375-54582	ξ
METER NUMBER	8854	
TELEPHONE NUMBER	321.5636	
	COMPLAINT	
Very low	water preson	ne.
0	1	
COMPLAINT BY PHONE_	*BY LETTERIN OF	FFICE (PLEASE CHECK ONE)
DATE	FINDINGS	GED Water Meter
		<u>*</u>
	ACTION TAKEN	and Water Meter
28.84		
Contacted customer a Contacted customer b *Contacted customer b	y phone	B.P. 9/25/98

^{*}Please attach all correspondence, incoming and outgoing.

	COMPLAINT FORM
	9-21-98 - R,
DATE	Scott Bleiken
NAME .	
SERVICE ADDRESS	603 Broome St
ACCOUNT NUMBER	01-10285-59208
METER NUMBER	7949
TELEPHONE NUMBER	277-7250
Water	twote and Smells bad.
COMPLAINT BY PHONE	*BY LETTERIN OFFICE (PLEASE CHECK ONE)
DATE 9/25/98	>
Low Res	FINDINGS
	'
FLUSH.	ED HYDRANTS IN AREA

Contacted customer at service address Contacted customer by phone

*Contacted customer by letter

Left Door hanger B.t. 9/25/

^{*}Please attach all correspondence, incoming and outgoing.

	COMPLAINT FORM
DATE	9/21/98
NAME .	Loris Marseo
SERVICE ADDRESS	2812 atlantic View Rr.
ACCOUNT NUMBER	01-53375-56582
METER NUMBER	8854
TELEPHONE NUMBER	321-5636
	COMPLAINT
Very low	water presoure
0	
COMPLAINT BY PHONE \	*BY LETTERIN OFFICE (PLEASE CHECK ONE)
DATE	
Q10075	FINDINGS - Alor Motor
	The file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the file of the fi
	ACTION TAKEN
77511	Charact out watermeta
<del></del>	
	n. mf
Contacted customer at	
Contacted customer by	

^{*}Please attach all correspondence, incoming and outgoing.

DATE	9-22-98	
NAME	Scotty T. Harve	ey
SERVICE ADDRESS	210 5 13th St.	J
ACCOUNT NUMBER	01-18232-846	23
METER NUMBER	12512	
TELEPHONE NUMBER		
Materis	complaint band smell bad	······································
	<u></u>	Thank You
COMPLAINT BY PHONE_	*BY LETTERIN OFF	Thank you,  E. Gones  TICE (PLEASE CHECK ONE)
Low W	FINDINGS	,
	•	/
V 1	ACTION TAKEN	
Reading 5041	- 9/23/98. Info until water clas	Vined EUSTONE 70
FUR Water	UNTIL WATER CIPO	ared of.
Contacted customer a Contacted customer b Contacted customer b	y phone	9/23/98

^{*}Please attach all correspondence, incoming and outgoing.

DATE	9-22-98		
NAME	Scotty T. Hav	rvey	
SERVICE ADDRESS	210 5 13th s	t	
ACCOUNT NUMBER	01-18232-84	1623	
METER NUMBER	12512		
TELEPHONE NUMBER			
	COMPLAIN	<del></del>	
Mater is	dark and smell b	Ad	
	<del>-</del>		
	·	Thank yo	,
COMPLAINT BY PHONE	*BY LETTER IN (	E. Gine	ASE CHECK ONE)
		- (150	inde ditadic dita)
DATE		_	
	FINDINGS		
Low Wa	ater use		1
			•
	ACTION TAKE	EN .	ſ
Keading 004/.	- 9/23/98 Inv	Formed listone	i to
FUM Water	until water CI	leared up.	
•			
		DATE	
Contacted customer a Contacted customer by		9/23/9	<u>8</u>
Contacted customer by			

^{*}Please attach all correspondence, incoming and outgoing.

## 2nd Reg. Called Complaint FORM

DATE	9-22-48 -1	PW.	
NAME	Paula Peter	)	
SERVICE ADDRESS	872 Atlantic	View Dr	
ACCOUNT NUMBER	·		
METER NUMBER	9215		
TELEPHONE NUMBER	261-9255		
<u>(</u>		LAINT	
- Kau Pi	boure		
			· · ·
COMPLAINT BY PHONE_	*BY LETTER	_IN OFFICE	(PLEASE CHECK ONE)
DATE			
PLUG	FINDI	NGS Softward	filter
	mer's side	- Cooperation	
		1	
Told 4	hem to to	TAKEN ( by-)	pa SS
Contacted customer a Contacted customer by Contacted customer by	y plione	B.P. 9/2	DATE / S

^{*}Please attach all correspondence, incoming and outgoing.

# 2nd Reg. Called out to John

DATE	9-22-98 - R		
NAME	Paula Peters		
SERVICE ADDRESS	872 Atlantic	View Dr	
ACCOUNT NUMBER		· · ·	
METER NUMBER	9215		-
TELEPHONE NUMBER	261-9255		,
$\bigcap$	COMPLA	INT	
- Kaup	Coure		
		<u></u>	
COMPLAINT BY PHONE_	*BY LETTERIN	OFFICE	(PLEASE CHECK ONE)
DATE			
PLUG	FINDING	s Softwater	filter
Custe	mers side		1
*			
Told 4	hem to try	KEN SY-)	a S.S
Contacted customer a Contacted customer b Contacted customer b	y phone	B.P. 9/2	ATE 5/8

^{*}Please attach all correspondence, incoming and outgoing.

	COMPLAINT FORM	
DATE	9/24/98 - PW	
NAME	W. Badore	
SERVICE ADDRESS	1136 N. 15th St	
ACCOUNT NUMBER	01-30259-86674	····
METER NUMBER	12100	
TELEPHONE NUMBER		
thei	when Shells bad.	
	:	
COMPLAINT BY PHONE	*BY LETTERIN OFFICE (PLEASE C	RIECK ONE)
DATE	<del></del>	
•	FINDINGS	
Smell was	soming from hot water side.	
Has been	Sitting for " months.	
Intermed co	ACTION TAKEN  USTONEr to drain tank (HOT water Heats	er)
and fill it	buck of.	
Contacted customer at		C&
Contacted customer by		

^{*}Please attach all correspondence, incoming and outgoing.

	COMPLAINT FORM
DATE	9/24/98 - PW
NAME	W. Badore
SERVICE ADDRESS	1136 N. 15th St
ACCOUNT NUMBER	01-30259-86674
METER NUMBER	12100
TELEPHONE NUMBER	
thei	complaint cotells bod.
	·
COMPLAINT BY PHONE	*BY LETTER IN OFFICE (PLEASE CHECK ONE)
DATE	
, ,,1	FINDINGS
Smell was	coming from hot water side.  Sitting for 4 months.
Has been	SI thing for T man this
	ACTION TAKEN
Informed co	stoner to drain tank (HoT water Heaten)
and fill it	back of.
Contacted customer at	service address  phone  DATE  7/24/98  CG
Contacted customer by	

^{*}Please attach all correspondence, incoming and outgoing.

FERNANDINA BEACH, FLORIDA 32034
DATE OCT D 19 48 WORK ORDER NO.
)
ELECTRIC [
ACCOUNT TO BE CHARGED WATER ~
Online Dian. Old 7/7
NAME RObin Ryan 261-7651.
- ADDRESS 132 STARPON AVE
0
NATURE OF WORK RUSTS IN their Water
when clothes are washed
·
·
REPORT Problem 15 on Costance
S. Lo.

SIGNED _____ DATE _____

1201(10)(1002,000
FERNANDINA BEACH, FLORIDA 32034
DATE
ELECTRIC
ACCOUNT TO BE CHARGED WATER
NAME James T. Haylacod.
ADDRESS 1821 Atlantic
5ht 277-49
NATURE OF WORK Since water was last
Liver see to the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the see that the s
worked on by us, there is
a real had totten egg smell
•
REPORT
English Charles and the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of t
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•
NOVE - 1 + 1/1 /

DATE 10-7 19 98 WORK ORDER NO.  **ELECTRIC DIAGRAME JOB WINSTON  **ADDRESS 2857 Part Square Place  **ATURE OF WORK Very law water
ACCOUNT TO BE CHARGED WATER X  NAME JOP WINSTON  ADDRESS 28.57 Part Square Place  321-0501
ACCOUNT TO BE CHARGED WATER X  NAME JOP WINSTON  ADDRESS 28.57 Part Square Place  321-0501
NAME JOP WINSTON NODRESS 2857 Part Square Place 321-0501
LODRESS 2857 Part Square Place 321-0501
LODRESS 2857 Part Square Place 321-0501
321-0501
LATURE DE WORK (Pici) lastes
VATURE OF WORK VCF 4 16 CO
Dressure -
M+r# 8007
11100 AM 10-9-98
11.00 // "
REPORT
Problem Customars side
:
·
11/2/28

OOLIL LALLEN A COLL	COMPL	AINT	FORM
---------------------	-------	------	------

DATE	10/14/98		
NAME .		ance	
SERVICE ADDRESS	107 N 2040 St		The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s
	43883-56040		
ACCOUNT NUMBER	#9004349	·	<del></del>
METER NUMBER			<u>·</u>
TELEPHONE NUMBER	261-523C		
Back sim	COMPLAINT		·
	<u> </u>		
COMPLAINT BY PHONE V.	*BY LETTERIN OFF	ICE(PLEAS	E CHECK ONE)
	FINDINGS		
TOLD Cus  ON hot wate  out valve in  improve the  Contacted customer st  Contacted customer by  Contacted customer by	phone	ld them we er day which:	itis Changed Shaud joblam

^{*}Please attach all correspondence, incoming and outgoing.

COMP	LAI	NT	FO	RM

DATE 10 20 10	
NAME JEHN Stancin	
SERVICE ADDRESS 3417 Via Del R	Zey
ACCOUNT NUMBER - 01-79531-5554	14
METER NUMBER 11523	
TELEPHONE NUMBER	
COMPLAINT	
Dirty Water	
	·
COMPLAINT BY BUONE #87 1 FTFF IN OF	ETCE /DIELCE GIEGI
COMPLAINT BY PHONE *BY LETTER IN OF	FICE (PLEASE CHECK
COMPLAINT BY PHONE *BY LETTER IN OF  DATE	FICE (PLEASE CHECK
DATE	FICE (PLEASE CHECK
DATEFINDINGS	FICE (PLEASE CHECK
DATE	FICE (PLEASE CHECK
DATEFINDINGS	FICE (PLEASE CHECK
Toliet had bad FL	-APPET
Toliet had bad FL	-APPET
Toliet had bad FL	-APPET
Toliet had bad FL	-APPET
DATEFINDINGS	-APPET
Toliet had bad Fl  Told Customer Ab  Problem.	-APPET
Toliet had bad FL	-APPET

^{*}Please attach all correspondence, incoming and outgoing.

COMP	LA	INT	FORM

DATE	11-4-48 - 1	70	
NAME	Alene Baile	4	
SERVICE ADDRESS	838 N. Hetc	he Ave	
ACCOUNT NUMBER			
METER NUMBER	<u>5963</u>		
TELEPHONE NUMBER	261-5455		,
	COMPLAI	NT	
Bad Sul	hur SHELL.		
	· · · · · · · · · · · · · · · · · · ·		
COMPLAINT BY PHONE_	*BY LETTER IN	OFFICE	(PLEASE CHECK ONE)
			~
DATE	PT.ID.T.IG	•	
1.4	FINDING	salv. Sprvic	o Fuched
7 1 1 C	OR 1719 9	1610 : Ogs 00 C	e / Rushick
SW,	·		
		· · · · · · · · · · · · · · · · · · ·	
	ACTION TAL	KEN	ŧ
		·	
		DA	TE/
Contacted customer as		MUZ II	1/1 <b>3</b> /98
Contacted customer by Contacted customer by		/	,

^{*}Please attach all correspondence, incoming and outgoing.

DATE	11-16-48 - Phil	
NAME	Robert Resource	
SERVICE ADDRESS	1 January P.C.	
ACCOUNT NUMBER	01-21826-883	
METER NUMBER	642326	
TELEPHONE NUMBER	321-1938	
COMPLAINT BY PHONE_	COMPLAINT  Y CLU P. W. DULLE;  *BY LETTERIN OFFIC	W) Results
20 sec pe	FINDINGS +  FINDINGS +  FINDINGS +  FINDINGS +  FINDINGS +  FINDINGS +  FINDINGS +	- STATIC - 56 ps.
	3 7 0 170 170 170	,
In form	action taken  ed customer that  mv7	it was on his side
Contacted customer a Contacted customer b Contacted customer b	· ·	11/19/98

^{*}Please attach all correspondence, incoming and outgoing.

FLUKIUA FUDLIC UTILITIES CU.
FERNANDINA BEACH, FLORIDA 32034
DATE
ELECTRIC [
ACCOUNT TO BE CHARGED WATER
NAME Barbara Hill
ALORESS 31/20 Centre St. (centre St. Cafe)
Johnney Kromar
NATURE OF WORK 311- 66CC
-Dall San Bailles
Bat water pressure-Keal low please check to see if its our
please Check to See it its our
problem-
8682 noter#
45 -co at motor
FOUR defferent businesses.
Charle to jest because it serves
tour detterent businesses.
MAN is on opposite side of
Street. Need a mole across
Man is on opposite side of Street. Need a mole across
Man is on opposite side of Street. Need a mole across Centre Street
Man is on opposite side of Street. Need a mole across Centre Street
Man is on opposite side of Street. Need a mole across Centre Street
Man is on opposite side of Street. Need a mole across Centre Street
Man is on opposite side of Street. Need a mole across Centre Street
Man is on opposite side of Street. Need a mole across Centre Street
Man is on oppossite side of Street. Need a mole across Centre Street
Man is on opposite side of Street. Need a mole across Centre Street
Man is on opposite side of Street. Need a mole across Centre Street

HHII JEM Crder Friday 11 20 48 FBI

COMPLAINT FORM DOWN CONTRACT

COMPLAINT FORM

DOWN CONTRACT

COMPLAINT FORM

	PEV LIVOT
DATE	11-17-98 - RW
NAME .	Balkara Shindac - J. Jehnson
SERVICE ADDRESS	303 N 15+h 5t
ACCOUNT NUMBER	CI-44028: -55115
• METER NUMBER	S372
TELEPHONE NUMBER	2101-4296
TEEETHORE WORDER	
•	COMPLAINT
The Water	er table Bad per Cust.
No one K	one 11-23-98 left a CGI card on door.
	···
COMPLAINT BY PHONE_	*BY LETTER IN OFFICE (PLEASE CHECK ONE)
DATE	
	FINDINGS
	•
	,
Dease	COLF MOREN A SINGULARING
1011	ARD ON DOOR Found no Deoblems
10011	JIMIN DIA COOL LOWN TO TO TO TO TO TO TO TO TO TO TO TO TO
	DATE
Contacted customer a	at service address $MV7 \frac{DATE}{1/-19-98}$

*Please attach all correspondence, incoming and outgoing.

Contacted customer by phone *Contacted customer by letter

FLUKIDA FUDLIC UTILITIES C	Ŭ.
FERNANDINA BEACH, FLORIDA 32034	
DATE 11-19- 1915 WORK ORDER NO	O
TO THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF THE STATE OF TH	
	ELECTRIC [
ACCOUNT TO BE CHARGED	WATER 5
NAME Constance Hart - 491-	3497
ADDRESS 126 510th 5+	
NATURE OF WORK	
VINATURE OF WORK	
Water pressure Check	<del>-</del>
	<u></u>
HSSEC AT Meter Q 5 gar. STAR	TIC 64 psi
Res	idual 23
MVZ	
H" IRON OTHER SIDE OF STR Mair is 61/2" from edge of Road.	EET
Main is 61/2 from edge of Road.	
Need MISSILE UNDER R	OAD
1 0 1 -11CP	
1/1/2000	
KT1 12 16/3/10	
ν γνίο Ο	
SIGNED 11-19-98 DATE	80
SIGNED 11-19-98 DATE	·> <u> </u>

ELE	DATE _	1990 WORK ORDER NO	),
NAME Nadina Kitchens 321-5  ADDRESS 113 5 //th  NATURE OF WORK Rry In. (1) 200  Production of an acceptance  17 sec @ meter / 5gal.  2 min 2 House / 5gal.  STATIC Pressure - 60 psi			
NAME Nadina Kitchons 321-5  ADDRESS 113 5 //th  NATURE OF WORK PRAY INI) (1) Ato  Prindling on customic  17 Sec @ Meter / 5 gal.  2 Min 2 House / 5 gal.  STATIC Pressure - 60 psi	ACCOU		WAT
ADDRESS 113 5 //th  NATURE OF WORK (Pry - IM;) (2) ATO  PRIDDUROR  REPORT Froblim (5 on custome  17 see @ meter / 5 gai.  2 min 2 House / 5 gal.  STATIC Pressure - 60 psi			_
NATURE OF WORK (Pry - IM;) (2) nto  PRINDLING OF CUSTONIC  REPORT Froblim is on custonic  17 see @ meter / 5 gai.  2 min @ Howse / 5 gal.  STATIC Pressure - 60 psi	_	i = i + i	
REPORT Froblim is on customic  17 sec @ meter / 5gal.  2 min @ House / 5gal.  STATIC Pressure - 60 psi	ADDRES	is 113 3 //Th	
REPORT Froblim is on customic  17 sec @ meter / 5gal.  2 min @ House / 5gal.  STATIC Pressure - 60 psi		(10)	<del></del>
REPORT Froblim 15 on CUSTONIC  17 Sec @ Meter / 5 gal.  2 min @ House / 5 gal.  STATIC PRESSURE - 60 psi	NATURI		<u> </u>
17 see @ meter / 5 gai. 2 min D Howse / 5 gal. STATIC Pressure - 60 psi	-12	(IDDUKOD )	
17 see @ meter / 5 gai. 2 min D Howse / 5 gal. STATIC Pressure - 60 psi			
17 see @ meter / 5 gai. 2 min D Howse / 5 gal. STATIC Pressure - 60 psi			
17 see @ meter / 5 gai. 2 min D Howse / 5 gal. STATIC Pressure - 60 psi			
17 see @ meter / 5 gai. 2 min D Howse / 5 gal. STATIC Pressure - 60 psi			
17 see @ meter / 5 gai. 2 min D Howse / 5 gal. STATIC Pressure - 60 psi			
17 see @ meter / 5 gai. 2 min D Howse / 5 gal. STATIC Pressure - 60 psi			
17 see @ meter / 5 gai. 2 min D Howse / 5 gal. STATIC Pressure - 60 psi		Highlines and an extra	
2 min 2 House / 5 gal. STATIC Pressure - 60 psi			
2 min 2 House / 5 gal. STATIC Pressure - 60 psi	REPORT	110012m ( ) 07 CC 51071	1. 2
STATIC PIESSILC - 60 psi	REPORT	<u> </u>	
STATIC PRESSURE - 60 ASI Residual Pressure - 5.5 psi	. 17	1 see @ meter / 5 gas.	
Residual Pressure - 5.5 ps.	17	MIN D HOWSE / 5 gal.	
	: 17 2. S.	TSCL @ METER / 5 gal.  MIN D HOUSE / 5 gal.  TATIC PRESSUR - 60 psi	
	: 17 2. S.	TSCL @ METER / 5 gal.  MIN D HOUSE / 5 gal.  TATIC PRESSUR - 60 psi	
	: 17 2. S.	TSCL @ METER / 5 gal.  MIN D HOUSE / 5 gal.  TATIC PRESSUR - 60 psi	
	: 17 2. S.	TSCL @ METER / 5 gal.  MIN D HOUSE / 5 gal.  TATIC PRESSUR - 60 psi	
	: 17 2. S.	TSCL @ METER / 5 gal.  MIN D HOUSE / 5 gal.  TATIC PRESSUR - 60 psi	
	: 17 2. S.	TSCL @ METER / 5 gal.  MIN D HOUSE / 5 gal.  TATIC PRESSUR - 60 psi	
	: 17 2. S.	TSCL @ METER / 5 gal.  MIN D HOUSE / 5 gal.  TATIC PRESSUR - 60 psi	
	: 17 2. S.	TSCL @ METER / 5 gal.  MIN D HOUSE / 5 gal.  TATIC PRESSUR - 60 psi	
	: 17 2. S.	TSCL @ METER / 5 gal.  MIN D HOUSE / 5 gal.  TATIC PRESSUR - 60 psi	
	: 17 2. S.	TSCL @ METER / 5 gal.  MIN D HOUSE / 5 gal.  TATIC PRESSUR - 60 psi	
	: 17 2. S.	TSCL @ METER / 5 gal.  MIN D HOUSE / 5 gal.  TATIC PRESSUR - 60 psi	

FLUKIDA FUBLIC UTILITIES CO.
FERNANDINA BEACH, FLORIDA 32034
DATE 1-30- 19 6 WORK ORDER NO
ELECTRIC D
ACCOUNT TO BE CHARGED WATER
NAME Serry Lancaster-261-8682
ADDRESS A Methic By the Sea - 3240 S Floto
100 123 H 332
NATURE OF WORK
Water smells like
and sulphon.
8:00 am by 9:00 am Chearing
. )
-> Resdill READING
HOT WATER HEAT?
REPORT OTHERS?
FOUND MOSS ONNECTION
DI Pool Offected
12/1/98 MUP & J.M.
• .
SIGNED

DATE	December 2, 1998
NAME .	Jana. Honnessey
SERVICE ADDRESS	2835 A Ocean Di
ACCOUNT NUMBER	0-59257-82197
METER NUMBER	9233
TELEPHONE NUMBER	261-7673
field acc	wacy tot 8/10/24/96 45/e
DAUIS	10 GallON CONTAINER
> US	Filter Fixe
COMPLAINT BY PHONE_	*BY LETTER IN OFFICE (PLEASE CHECK ONE)
DATE OCCUMBE	2,1995
t	FINDINGS
Contacted customer a	y phone
Contacted customer b	y letter

^{*}Please attach all correspondence, incoming and outgoing.

COMPL	AINT	FORM

•	12000 QL)
DATE	12-9-98 - PW
NAME	TJ. Hueson - City Mar
SERVICE ADDRESS	205 N 15th St.
ACCOUNT NUMBER	01-44024-59825
METER NUMBER	F158
TELEPHONE NUMBER	261-7315 - City Cffice
$\wedge$	COMPLAINT
Kni	COMPLAINT W PLEDUE
COMPLAINT BY PHONE	*BY LETTERIN OFFICE (PLEASE CHECK ONE)
DATE 12/10/98	
	<u>FINDINGS</u>
STATIC PS.	- 55 It TOOK 45 sec. AT neter
Residual Ps.	- 55 It TOOK 45 sec. AT meter - 34 UNAGE to test At House.
There is a 6	"PHE MAIN ON SAME SIDE OF ROad.
We need to co	ntact customer.
CIFF GAINE	5 HILL
- CLIFF GAINE SCRUICE	Replaced. 12/1,198
	/ / /
	DATE
Contacted customer at Contacted customer by	
Contacted customer by	

^{*}Please attach all correspondence, incoming and outgoing.

FLORIDA PUBLIC UTILIT	TES CO.
FERNANDINA BEACH, FLORIDA 32034	
DATE	RK ORDER NO.
, , , , , , , , , , , , , , , , , , ,	ELECTRIC
ACCOUNT TO BE CHARGED	WATER
NAME Shire Quattle	6 1476
ADDRESS	14/6
321-5862	
NATURE OF WORK	
TRETED DOX RE	- DIG IN .
-> Retire out (A)	)
REPORT	
1476 → E.E.	WE property
Kemoured	
	N = R
	USTOMER
TOUT	
SIGNED	DATE

DATE	12-11-18 - 171			
NAME	Ben tolehan	261-	4077	
SERVICE ADDRESS	210 N 15th St			
ACCOUNT NUMBER	01-44048-5	0967		
METER NUMBER	6979			
TELEPHONE NUMBER		··		
- Law f	COMPLAI NEDULC	NT		
	*BY LETTERIN			
Sanca 🚳	FINDINGS  ST 14 SFC. A	T METER		
COULD NOT	TEST AT	Hénse	MYZ	2
	ACTION TAK	<u>en</u>		ı
			DATE	
ontacted customer a ontacted customer by ontacted customer by	y phone	xheft r	MESSAGE ON	12/13/98

^{*}Please attach all correspondence, incoming and outgoing.