HRS
STATE OF FLORIDA
DEPARTMENT OF HEALTH AND
REHABILITATIVE SERVICES
District Four

HRS Duval County Public Health Unit
515 West Sixth Street
Jacksonville, Florida 32206

13.01.00.0057
813
184

NAS Jacksonville Administrative Record
Document Index Number

32212-000
03.02.00.0001

TRC
G-M

July 15, 1991

Mr. Kevin Gartland
Jacksonville N.A.S.
Public Works Department
P.O., Box 5
Jacksonville, Fl. 32212-5000

Dear Mr. Gartland:

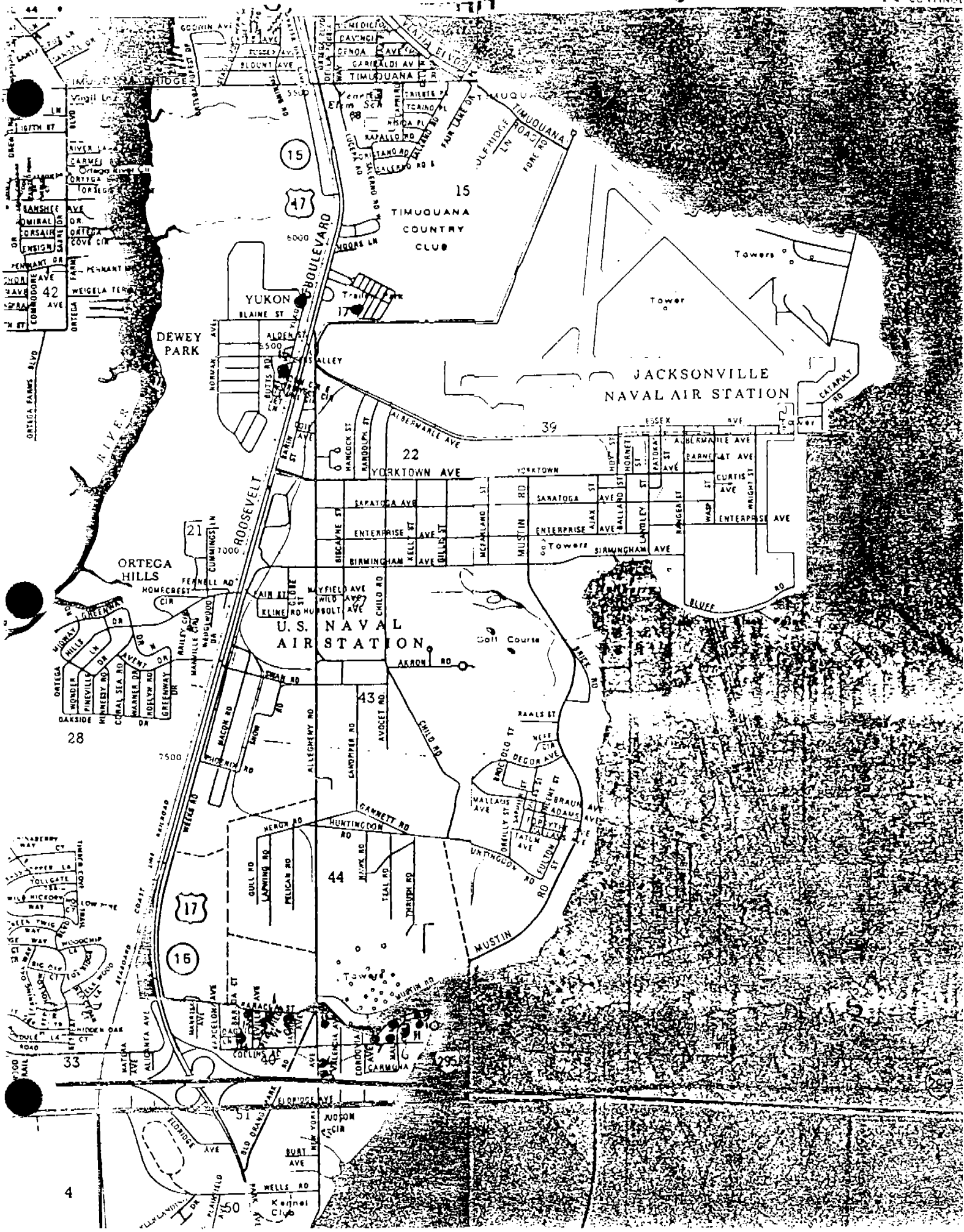
Enclosed you will find copies of requested materials concerning the potable well water samplings conducted near the Jacksonville Naval Air Station.

If you have any questions or comments regarding submitted information please call me at 630-3270.

Sincerely,

Grazyna Pawlowicz, E.S. II
Ground Water Program

ENVIRONMENTAL ENGINEERING DIVISION


TIMUQUANA COUNTRY CLUB
JACKSONVILLE NAVAL AIR STATION
DEWEY PARK
YUKON
ORTEGA HILLS
U.S. NAVAL AIR STATION
ROOSEVELT BOULEVARD
YORKTOWN AVE
SARATOGA AVE
ENTERPRISE AVE
BIRMINGHAM AVE
MUSTIN RD
CHILD RD
ALLEGHENY RD
WEEKS RD
ORTEGA RIVER
Golf Course
Towers
Tower
Kennel Club

Residencies sampled for Jax NAS Base (off Roosevelt)

request → 8/2/89
1. Resident
5406 Rosedale Ln (off Cotoma)

request → 8/2/89
2. Dr Clayman (h 448-6258, wk (904) 350-6624)
2730 Forest Cir

request → 8/2/89
3. ① Mr Joseph Corbello
8404 Plainfield Rd (well depth ± 400 ft)
(mailing address: Box 1622, Orange Park, Fl 32067)

request → 8/2/89
4. Resident
② 8420 (?) Plainfield Rd (well depth ~ 80 ft)

request → 8/8/89
5. Mr Frank Creel (w: 387-1676, H- 264-9248)
③ 8561 New York Ave (well depth ~ 450 ft)

request? → 8/8/89
6. Mr Stewart
④ 8547 New York Ave (artesian ± 350 ft)

8/30/89
7. Mr R.W. Manlon, 8404
⑤ 8404 Malaga Ave (artesian, well depth ± 300 ft)

8/30/89
8. Mosman
⑥ 8303 Malaga Ave (well depth ~50 ft)

8/30/89

9. Resident

(7) 3931 Collins Rd (alleyway supplies water to 3 homes 3917, 3914, 3931)

[illegible] 8444 Navarre (alleyway supplies water to 8439, next to the Jax NAS fence)

9/13/88 (9) A) Resident
8335 Malaga Ave (artesian)

9/13/88 (10) 12) Resident
8401 Malaga Ave (artesian depth unk)

9/13/88 (11) 13) Mr Alierich
8435 Malaga Ave (well depth 147 ft)

9/13/88 (12) 14) Resident
8437 New York Ave (well depth + cond. -Uk)
(supplies water to 8431-33-35, plus next house)

9/13/88 (13) 15) Resident
8404 Seville Ave (well depth Uk)
supplies water to 2 houses

(14) 16) Dagail Court Apt.
4300 Dagail Ct

(15) 17) Holmes Lumber Co.
6550 Roosevelt Blvd

(16) 18) Airbase MHP
6300 Yakon Rd

(17) 19) Azalea MHP
6301 Roosevelt Blvd

ANALYSIS REPORT

FLORIDA DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES
OFFICE OF LABORATORY SERVICES
P. O. BOX 210
JACKSONVILLE, FLORIDA 32231

LABORATORY ID 12001

ELDERT C. HARTWIG, JR., SC.D., M.P.H.
LABORATORY SERVICES ADMINISTRATOR
(904) 359-6145
SUN COM 826-6145

Received
SEP 19 1989
Sanitary Engineering Division

ABBREVIATIONS AND SYMBOLS USED:

(1) NS = ANALYTE NOT SCREENED
(2) EXP = ANALYSIS EXPIRED BEFORE COMPLETION
(3) BDL = BELOW DETECTION LIMIT
(4) ? = ILLEGIBLE INFORMATION ON SUBMISSION FORM
(5) KG = KILOGRAM
(6) G = GRAM
(7) MG = MILLIGRAM
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(9) NG = NANOGRAM
(10) L = LITER
(11) DL = DECILITER
(12) ML = MILLILITER
(13) UL = MICROLITER
(14) CU C = CUBIC CENTIMETER
(15) CU M = CUBIC METER
(16) UMHO = MICROMHO
(17) M = METER
(18) CM = CENTIMETER
(19) < = LESS THAN
(20) > = GREATER THAN
(21) % = PERCENT

MAILED
SEP 15 1989
HRS Office of Laboratory Services
ENVIRONMENTAL CHEMISTRY
MWC

NOTE: ON FEBRUARY 1, 1988, THE HRS OFFICE OF LABORATORY SERVICES ENVIRONMENTAL CHEMISTRY PROGRAM IMPLEMENTED A NEW LABORATORY INFORMATION MANAGEMENT SYSTEM (LIMS). THE NEW LIMS WILL INCREASE LABORATORY EFFICIENCY AND WILL OFFER OUR CLIENTS THE OPTION OF ON-LINE RETRIEVAL OF INFORMATION ON SAMPLES SUBMITTED TO OUR FACILITY.

THE ENCLOSED ANALYSIS REPORT IS A PRODUCT OF THE NEW LIMS. ITS FORMAT IS CURRENTLY UNDER REVISION AND WILL BE MODIFIED IN THE NEAR FUTURE. OUR GOAL IS TO MAKE THE ANALYSIS REPORT FORM AS COMPLETE AND USEFUL AS POSSIBLE. PLEASE ADDRESS ANY QUESTIONS OR COMMENTS TO:

G. W. COPPENGER, PH.D.
(904) 359-6451
SUN COM 826-6451

HRS OFFICE OF LABORATORY SERVICES / LAB ID 12001

09/14/89 08:34 PAGE 1

STATUS REPORT - SAMPLE NUMBER : 89080729

SAMPLE NUMBER : 89080729
STATUS OF SAMPLE : 00 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED : 08/10/89 11:10:31 MODIFIED : 08/30/89 11:03:56
DAYS : 035 DATE PROMISED : 09/09/89
PRIORITIZATION : 5
PROJECT CODE : INORG
SUBMITTER : HRS DUVAL CPHU
CHARGE NUMBER :
MATRIX : WATER
DATE-TIME COLLECTED : 08/08/89 15:30:00
DATE RECEIVED : 08/10/89
COLLECTED BY : ATWOOD
SAMPLE NAME : MR.STEWART/WELL BIB
SAMPLE ADDRESS : 85-7 NEW YORK AVE.
CITY :
STATE : FL
ZIP :
COUNTY : DUVAL
HRS DISTRICT :
DER DISTRICT :
LATITUDE :
LONGITUDE :
[illegible]R SYSTEM : 45
[illegible] / RECHK / OTHER : 3
SYSTEM ID :
RAW / TREATED : R
FIELD PH :
FIELD CONDUCTIVITY :
FIELD CHLORINE :
TEMPERATURE :
CODE TYPE :
CODE :
CODE TYPE :
CODE :
COMMENT :
COMMENT :

ANALYSIS	DESCRIPTION
ICP	ICP METALS / EPA 200.7
AS	ARSENIC / EPA 206.2
PB	LEAD / EPA 239.2
CD	CADMIUM / EPA 213.2
SE	SELENIUM / EPA 270.2
HG	MERCURY / EPA 245.1
IONCH	ANIONS BY ION CHROMATOGRAPHY / EPA 300.0
F	FLUORIDE / EPA 341.2
P[illegible]E	PURGEABLES / GC/MS / EPA 524.1 OR 524.2

ANALYSIS : ICP

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ZINC	MG/L	<0.500
BARIUM	MG/L	<0.100
SODIUM	MG/L	<15.0
MANGANESE	MG/L	<0.0050
IRON	MG/L	<0.030
CHROMIUM	MG/L	<0.0050
CALCIUM	MG/L	39.2
SILVER	MG/L	<0.010
MAGNESIUM	MG/L	19.7
COPPER	MG/L	<0.100

DATE - TIME ANALYZED : 08/18/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : AS

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ARSENIC	MG/L	<0.0010

DATE - TIME ANALYZED : 08/17/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : PB

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :

ANALYSIS : PB

DATE-TIME ANALYZED :
CONDITIONS :

LEAD MG/L : <0.010
DATE - TIME ANALYZED : 08/11/89 02:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : CD

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CADMIUM MG/L : <0.0020
DATE - TIME ANALYZED : 08/14/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : SE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SELENIUM MG/L : <0.0020
DATE - TIME ANALYZED : 08/15/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : HG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

MERCURY MG/L : <0.00020
DATE - TIME ANALYZED : 08/17/89 09:00:00
ANALYST : : J. SCHMITZ

ANALYSIS : IONCH

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE MG/L : 0.30
NITRATE AS N MG/L : EXP
SULFATE AS SO4 MG/L : 58.2
DATE - TIME ANALYZED : 08/16/89 15:35:00
ANALYST : : T. STOUTER

ANALYSIS : F

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE AS F MG/L : 0.51
DATE - TIME ANALYZED : 08/15/89 13:20:51
ANALYST : : J. SCHMITZ

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLOROMETHANE	UG/L	<1.0
METHYL BROMIDE	UG/L	<1.0
VINYL CHLORIDE	UG/L	<1.0
CHLOROETHANE	UG/L	<1.0
M'LENE CHLORIDE	UG/L	<1.0
DIC'DIF'METHANE	UG/L	<10.
ACROLEIN	UG/L	<25.
ACRYLONITRILE	UG/L	<25.
TRIC'F'METHANE	UG/L	<1.0
1,1-DIC'ETHENE	UG/L	<0.50
1,1-DIC'ETHANE	UG/L	<1.0
1,2-DIC'ETHENE	UG/L	<0.50
CHLOROFORM	UG/L	<0.60
1,[illegible]-DIC'ETHANE	UG/L	<1.0
[illegible]-TRIC'ETHANE	UG/L	<0.50
CARBON TETRACL	UG/L	<0.60
BRO'DIC'METHANE	UG/L	<0.75
1,2-DIC'PROPANE	UG/L	<0.40
1,3-DIC'PROPENE	UG/L	<1.0
TRICHLOROETHENE	UG/L	<0.50
BENZENE	UG/L	<0.40
C'DIBRO'METHANE	UG/L	<0.90
112-TRIC'ETHANE	UG/L	<0.50
EDB	UG/L	<1.0
2C'ET'VIN'ETHER	UG/L	<50.
BROMOFORM	UG/L	<1.0
1122-T'C'ETHANE	UG/L	<0.60
TETRACHL'ETHENE	UG/L	<1.0
TOLUENE	UG/L	<1.0
CHLOROBENZENE	UG/L	<1.0
ETHYLBENZENE	UG/L	<1.0
CUMENE	UG/L	<1.0
STYRENE	UG/L	<0.50
TOTAL XYLENES	UG/L	<1.0
PROPYLBENZENE	UG/L	<1.0
m-DICHL'BENZENE	UG/L	<0.50
p-DICHL'BENZENE	UG/L	<1.0
o-DICHL'BENZENE	UG/L	<1.0
1,2,4-T'M'BENZENE	UG/L	NS
[illegible]-CYMENE	UG/L	NS
MTBE	UG/L	<2.0

ANALYSIS : PURGE

OTHER VOLATILES : : NOT DETECTED
DATE-TIME ANALYZED : 08/10/99 13:53:00
ANALYST : : R. SUTTON

,2'A 5

State of Florida
Department of Health and Rehabilitative Services
Office of Laboratory Services
P. O. Box 210
Jacksonville, Florida 32231

Complaint

Submitting Agency D.C.P.H.U.

Address 515 W. 6th St.
Jacksonville, Fla.

DRINKING WATER CHEMICAL ANALYSIS

System Name: Mr. Stewart

County: Duval Collector: Mr. Atwood

Address 8502 New York Ave

System I.D. No.: DER District 2

Sample Site: Well bib

Raw or Treated: Raw Temperature

Date and Time Collected: 8/8/89 at 3:30PM

Field Chlorine, mg/l: Field pH:

Circle one: 40. Community public water system 41. Non-community public water system 42. Other public water system 43. Private water system

Circle one: 1. Compliance 2. Recheck 3. Other (indicate below parameters to be tested for items 2 or 3). * Inorganics

Total well ~ 340 ft. deep * PURGEABLES

PRIMARY STANDARDS			SECONDARY STANDARDS			GENERAL	
PARAMETER	METHOD†	RESULT**	PARAMETER	METHOD†	RESULT**	PARAMETER	RESULT**
Arsenic as As			Chloride as Cl			Total Hardness as $CaCO_3$ (c)	
Barium as Ba			Color*			Total Alkalinity as $CaCO_3$	
Cadmium as Cd			Copper as Cu			N.C.H. as $CaCO_3$ (c)	
Chromium as Cr			Corrosivity*			Bicarbonate as HCO_3 (c)	
Lead as Pb			Foaming Agents			Calcium as Ca	
Mercury as Hg			H_2S			Magnesium as Mg	
Selenium as Se			Iron as Fe			Carbon Dioxide as CO_2 (c)	
Silver as Ag			Manganese as Mn			Bicarbonate as $CaCO_3$ (c)	
Nitrate as N			Odor*			Carbonate as $CaCO_3$ (c)	
Fluoride as F			pH*			Hydroxide as $CaCO_3$ (c)	
Turbidity,* NTU			Sulfate as SO_4			Sodium as Na	
			TDS				
Endrin			Zinc as Zn			pHs* (c)	
Lindane						Stability Index* 2pHs-pH (c)	
Methoxychlor						Saturation Index* pH-pHs (c)	
Toxaphene						INTERPRETATION: Stable	
2, 4-D						Corrosive	
2, 4-5 TP Silvex						Scale Forming	
Trihalomethanes			DER reviewer:				
			Action required:				

Note: *All results in mg/liter except those denoted
†List of methods available on request

(c) = Calculated value
**BDL = Below detection limit, see reverse side

Date and Time Received:

Laboratory I.D. No.:

Date Reported:

Remarks:

Analysts:

Calc #R5891085
Lab #5908074S
Samp #8908074 29

HRS Form 1125, May 79 (Obsoletes HRS(TEST) Form 32)

ANALYSIS REPORT

FLORIDA DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES
OFFICE OF LABORATORY SERVICES
P. O. BOX 210
JACKSONVILLE, FLORIDA 32231

LABORATORY ID 12001

ELDERT C. HARTWIG, JR., SC.D., M.P.H.
LABORATORY SERVICES ADMINISTRATOR
(904) 359-6145
SUN COM 826-6145

Received
SEP 22 1989
Sanitary Engineering Division

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(10) L = LITER
(11) DL = DECILITER
(12) ML = MILLILITER
(13) UL = MICROLITER
(14) CU C = CUBIC CENTIMETER
(15) CU M = CUBIC METER
(16) UMHO = MICROMHO
(17) M = METER
(18) CM = CENTIMETER
(19) < = LESS THAN
(20) > = GREATER THAN
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MAILED
SEP 20 1989
HRS Office of Laboratory Services
ENVIRONMENTAL CHEMISTRY

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SUN COM 826-6451

HRS OFFICE OF LABORATORY SERVICES / LAB ID 12001

09/18/89 12:48 PAGE 1

STATUS REPORT - SAMPLE NUMBER : 89080167

SAMPLE NUMBER : 89080167
STATUS OF SAMPLE : 08 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED : 08/02/89 13:16:08 MODIFIED : 09/18/89 12:20:59
DAYS : 047 DATE PROMISED : 09/01/89
PRIORITIZATION : 5
PROJECT CODE :
SUBMITTER : HRS DUVAL CPHU
CHARGE NUMBER :
MATRIX : WATER
DATE-TIME COLLECTED : 08/02/89 00:00:00
DATE RECEIVED : 08/02/89
COLLECTED BY :
SAMPLE NAME : FIELD BLANK/PURGEABLES
SAMPLE ADDRESS :
CITY :
STATE : FL
ZIP :
COUNTY :
HRS DISTRICT :
DER DISTRICT :
LATITUDE :
LONGITUDE :
[illegible] SYSTEM :
[illegible] / RECHK / OTHER :
SYSTEM ID :
RAW / TREATED :
FIELD PH :
FIELD CONDUCTIVITY :
FIELD CHLORINE :
TEMPERATURE :
CODE TYPE :
CODE :
CODE TYPE :
CODE :
COMMENT :
COMMENT :

ANALYSIS	DESCRIPTION
PURGE	PURGEABLES / GC/MS / EPA 524.1 OR 524.2

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DA[illegible]-TIME EXTRACTED :
[illegible]-TIME ANALYZED :

ANALYSIS : PURGE

CONDITIONS :

CHLOROMETHANE	UG/L	:	NS
METHYL BROMIDE	UG/L	:	NS
VINYL CHLORIDE	UG/L	:	NS
CHLOROETHANE	UG/L	:	NS
M'LENE CHLORIDE	UG/L	:	NS
DIC'DIF'METHANE	UG/L	:	NS
ACROLEIN	UG/L	:	NS
ACRYLONITRILE	UG/L	:	NS
TRIC'F'METHANE	UG/L	:	NS
1,1-DIC'ETHENE	UG/L	:	NS
1,1-DIC'ETHANE	UG/L	:	NS
1,2-DIC'ETHENE	UG/L	:	NS
CHLOROFORM	UG/L	:	NS
1,2-DIC'ETHANE	UG/L	:	NS
111-TRIC'ETHANE	UG/L	:	NS
CARBON TETRACL	UG/L	:	NS
BRO'DIC'METHANE	UG/L	:	NS
1,2-DIC'PROPANE	UG/L	:	NS
1[illegible] DIC'PROPENE	UG/L	:	NS
[illegible] ALOROETHENE	UG/L	:	NS
BENZENE	UG/L	:	NS
C'DIBRO'METHANE	UG/L	:	NS
112-TRIC'ETHANE	UG/L	:	NS
EDB	UG/L	:	NS
2C'ET'VIN'ETHER	UG/L	:	NS
BROMOFORM	UG/L	:	NS
1122-T'C'ETHANE	UG/L	:	NS
TETRACHL'ETHENE	UG/L	:	NS
TOLUENE	UG/L	:	NS
CHLOROBENZENE	UG/L	:	NS
ETHYLBENZENE	UG/L	:	NS
CUMENE	UG/L	:	NS
STYRENE	UG/L	:	NS
TOTAL XYLENES	UG/L	:	NS
PROPYLBENZENE	UG/L	:	NS
m-DICHL'BENZENE	UG/L	:	NS
p-DICHL'BENZENE	UG/L	:	NS
o-DICHL'BENZENE	UG/L	:	NS
124-T'M'BENZENE	UG/L	:	NS
para-CYMENE	UG/L	:	NS
MTBE	UG/L	:	NS
OTHER VOLATILES	:	:	NS

DATE-TIME ANALYZED :

ANA'YST : :

STATUS REPORT - SAMPLE NUMBER : 89080168

SAMPLE NUMBER	: 89080168
STATUS OF SAMPLE	: 08 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED	: 08/02/89 13:18:13 MODIFIED : 09/18/89 12:20:59
DAYS	: 047 DATE PROMISED : 09/01/89
PRIORITIZATION	: 5
PROJECT CODE	: INORG
SUBMITTER	: HRS DUVAL CPHU
CHARGE NUMBER	:
MATRIX	: WATER
DATE-TIME COLLECTED	: 08/02/89 10:05:00
DATE RECEIVED	: 08/02/89
COLLECTED BY	: G. PAWLOWICZ
SAMPLE NAME	: MR. CLAYMAN/WELL B.
SAMPLE ADDRESS	: 2730 FOREST CIRCLE
CITY	:
STATE	: FL
ZIP	:
COUNTY	: DUVAL
HRS DISTRICT	:
DER DISTRICT	:
LATITUDE	:
LONGITUDE	:
[illegible] R SYSTEM	: 43
[illegible]P / RECHK / OTHER	: 3
SYSTEM ID	:
RAW / TREATED	: R
FIELD PH	:
FIELD CONDUCTIVITY	:
FIELD CHLORINE	:
TEMPERATURE	:
CODE TYPE	:
CODE	:
CODE TYPE	:
CODE	:
COMMENT	:
COMMENT	:

ANALYSIS	DESCRIPTION
ICP	ICP METALS / EPA 200.7
AS	ARSENIC / EPA 206.2
PB	LEAD / EPA 239.2
CD	CADMIUM / EPA 213.2
SE	SELENIUM / EPA 270.2
HG	MERCURY / EPA 245.1
IONCH	ANIONS BY ION CHROMATOGRAPHY / EPA 300.0
F	FLUORIDE / EPA 341.2
[illegible] E	PURGEABLES / GC/MS / EPA 524.1 OR 524.2

ANALYSIS : ICP

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ZINC	MG/L	<0.500
BARIUM	MG/L	<0.100
SODIUM	MG/L	<15.0
MANGANESE	MG/L	<0.0050
IRON	MG/L	<0.030
CHROMIUM	MG/L	<0.0050
CALCIUM	MG/L	43.5
SILVER	MG/L	<0.010
MAGNESIUM	MG/L	22.6
COPPER	MG/L	<0.100

DATE - TIME ANALYZED : 08/15/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : AS

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ARSENIC	MG/L	<0.0020

DATE - TIME ANALYZED : 08/08/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : PB

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :

ANALYSIS : PB

DATE-TIME ANALYZED :
CONDITIONS :

LEAD MG/L : <0.010
DATE - TIME ANALYZED : 08/03/89 02:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : CD

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CADMIUM MG/L : <0.0020
DATE - TIME ANALYZED : 08/07/89 09:00:00
YST : : L. BLACKWELL

ANALYSIS : SE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SELENIUM MG/L : <0.0020
DATE - TIME ANALYZED : 08/09/89 02:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : HG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

MERCURY MG/L : <0.00020
DATE - TIME ANALYZED : 08/16/89 10:40:17
ANALYST : : J. SCHMITZ

ANALYSIS : IONCH

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE MG/L : 10.6
NITRATE AS N MG/L : <0.100
SULFATE AS SO4 MG/L : 97.8
DATE - TIME ANALYZED : 08/03/89 13:31:00
ANALYST : : J. SCHMITZ

ANALYSIS : F

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE AS F MG/L : 0.52
DATE - TIME ANALYZED : 08/07/89 10:00:00
ANALYST : : J. SCHMITZ

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLOROMETHANE	UG/L	<1.0
METHYL BROMIDE	UG/L	<1.0
VINYL CHLORIDE	UG/L	<1.0
CHLOROETHANE	UG/L	<1.0
M'LENE CHLORIDE	UG/L	<1.0
DIC'DIF'METHANE	UG/L	<10.
ACROLEIN	UG/L	<25.
ACRYLONITRILE	UG/L	<25.
TRIC'F'METHANE	UG/L	<1.0
1,1-DIC'ETHENE	UG/L	<0.50
1,1-DIC'ETHANE	UG/L	<1.0
1,2-DIC'ETHENE	UG/L	<0.50
CHLOROFORM	UG/L	<0.60
1,2-DIC'ETHANE	UG/L	<1.0
[illegible] TRIC'ETHANE	UG/L	<0.50
[illegible]BON TETRACL	UG/L	<0.60
BRO'DIC'METHANE	UG/L	<0.75
1,2-DIC'PROPANE	UG/L	<0.40
1,3-DIC'PROPENE	UG/L	<1.0
TRICHLOROETHENE	UG/L	<0.50
BENZENE	UG/L	<0.40
C'DIBRO'METHANE	UG/L	<0.90
112-TRIC'ETHANE	UG/L	<0.50
EDB	UG/L	<1.0
2C'ET'VIN'ETHER	UG/L	<50.
BROMOFORM	UG/L	<1.0
1122-T'C'ETHANE	UG/L	<0.60
TETRACHL'ETHENE	UG/L	<1.0
TOLUENE	UG/L	<1.0
CHLOROBENZENE	UG/L	<1.0
ETHYLBENZENE	UG/L	<1.0
CUMENE	UG/L	<1.0
STYRENE	UG/L	<0.50
TOTAL XYLENES	UG/L	<1.0
PROPYLBENZENE	UG/L	<1.0
m-DICHL'BENZENE	UG/L	<0.50
p-DICHL'BENZENE	UG/L	<1.0
o-DICHL'BENZENE	UG/L	<1.0
124-T'M'BENZENE	UG/L	<1.0
[illegible] -CYMENE	UG/L	<1.0
	UG/L	<2.0

ANALYSIS : PURGE

OTHER VOLATILES : : NOT DETECTED
DATE-TIME ANALYZED : 08/15/89 12:51:00
ANALYST : : J. SHOEMAKER

STATUS REPORT - SAMPLE NUMBER : 89080169

SAMPLE NUMBER	: 89080169
STATUS OF SAMPLE	: 08 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED	: 08/02/89 13:19:31 MODIFIED : 09/18/89 12:20:59
DAYS	: 047 DATE PROMISED : 09/01/89
PRIORITIZATION	: 5
PROJECT CODE	: INORG
SUBMITTER	: HRS DUVAL CPHU
CHARGE NUMBER	:
MATRIX	: WATER
DATE-TIME COLLECTED	: 08/02/89 10:45:00
DATE RECEIVED	: 08/02/89
COLLECTED BY	: G. PAWLOWICZ
SAMPLE NAME	: RESIDENT/KITCHEN SINK
SAMPLE ADDRESS	: 5406 ROSEDALE LANE
CITY	:
STATE	: FL
ZIP	:
COUNTY	: DUVAL
HRS DISTRICT	:
DER DISTRICT	:
LATITUDE	:
LONGITUDE	:
[illegible] R SYSTEM	: 43
[illegible] / RECHK / OTHER	: 3
SYSTEM ID	:
RAW / TREATED	: R
FIELD PH	:
FIELD CONDUCTIVITY	:
FIELD CHLORINE	:
TEMPERATURE	:
CODE TYPE	:
CODE	:
CODE TYPE	:
CODE	:
COMMENT	:
COMMENT	:

ANALYSIS	DESCRIPTION
ICP	ICP METALS / EPA 200.7
AS	ARSENIC / EPA 206.2
PB	LEAD / EPA 239.2
CD	CADMIUM / EPA 213.2
SE	SELENIUM / EPA 270.2
HG	MERCURY / EPA 245.1
IONCH	ANIONS BY ION CHROMATOGRAPHY / EPA 300.0
F	FLUORIDE / EPA 341.2
PURGE	PURGEABLES / GC/MS / EPA 524.1 OR 524.2

ANALYSIS : ICP

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ZINC	MG/L	1.52
BARIUM	MG/L	0.156
SODIUM	MG/L	<15.0
MANGANESE	MG/L	0.030
IRON	MG/L	0.223
CHROMIUM	MG/L	<0.0050
CALCIUM	MG/L	95.7
SILVER	MG/L	<0.010
MAGNESIUM	MG/L	8.24
COPPER	MG/L	<0.100

DATE - TIME ANALYZED : 08/05/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : AS

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ARSENIC	MG/L	<0.0020

DATE - TIME ANALYZED : 08/08/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : PB

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :

ANALYSIS : PB

DATE-TIME ANALYZED :
CONDITIONS :

LEAD MG/L : <0.010
DATE - TIME ANALYZED : 08/03/89 02:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : CD

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CADMIUM MG/L : <0.0020
DATE - TIME ANALYZED : 08/07/89 09:00:00
YST : : L. BLACKWELL

ANALYSIS : SE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SELENIUM MG/L : <0.0020
DATE - TIME ANALYZED : 08/09/89 02:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : HG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

MERCURY MG/L : <0.00020
DATE - TIME ANALYZED : 08/16/89 10:40:19
ANALYST : : J. SCHMITZ

ANALYSIS : IONCH

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

LORIDE MG/L : 11.74
NITRATE AS N MG/L : <0.100
SULFATE AS SO4 MG/L : <3.00
DATE - TIME ANALYZED : 08/02/89 14:26:00
ANALYST : : J. SCHMITZ

ANALYSIS : F

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE AS F MG/L : <0.20
DATE - TIME ANALYZED : 08/07/89 10:00:00
ANALYST : : J. SCHMITZ

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLOROMETHANE	UG/L	<1.0
METHYL BROMIDE	UG/L	<1.0
VINYL CHLORIDE	UG/L	<1.0
CHLOROETHANE	UG/L	<1.0
M'LENE CHLORIDE	UG/L	<1.0
DIC'DIF'METHANE	UG/L	<10.
ACROLEIN	UG/L	<25.
ACRYLONITRILE	UG/L	<25.
TRIC'F'METHANE	UG/L	<1.0
1,1-DIC'ETHENE	UG/L	<0.50
1,1-DIC'ETHANE	UG/L	<1.0
1,2-DIC'ETHENE	UG/L	<0.50
CHLOROFORM	UG/L	<0.60
1,2-DIC'ETHANE	UG/L	<1.0
[illegible]TRIC'ETHANE	UG/L	<0.50
[illegible]BON TETRACL	UG/L	<0.60
BRO'DIC'METHANE	UG/L	<0.75
1,2-DIC'PROPANE	UG/L	<0.40
1,3-DIC'PROPENE	UG/L	<1.0
TRICHLOROETHENE	UG/L	<0.50
BENZENE	UG/L	<0.40
C'DIBRO'METHANE	UG/L	<0.90
112-TRIC'ETHANE	UG/L	<0.50
EDB	UG/L	<1.0
2C'ET'VIN'ETHER	UG/L	<50.
BROMOFORM	UG/L	<1.0
1122-T'C'ETHANE	UG/L	<0.60
TETRACHL'ETHENE	UG/L	<1.0
TOLUENE	UG/L	<1.0
CHLOROBENZENE	UG/L	<1.0
ETHYLBENZENE	UG/L	<1.0
CUMENE	UG/L	<1.0
STYRENE	UG/L	<0.50
TOTAL XYLENES	UG/L	<1.0
PROPYLBENZENE	UG/L	<1.0
m-DICHL'BENZENE	UG/L	<0.50
p-DICHL'BENZENE	UG/L	<1.0
o-DICHL'BENZENE	UG/L	<1.0
124-T'M'BENZENE	UG/L	<1.0
[illegible]-CYMENE	UG/L	<1.0
[illegible]	UG/L	<2.0

ANALYSIS : PURGE

OTHER VOLATILES : : NOT DETECTED
DATE-TIME ANALYZED : 08/15/89 13:24:00
ANALYST : : J. SHOEMAKER

STATUS REPORT - SAMPLE NUMBER : 89080170

SAMPLE NUMBER	: 89080170
STATUS OF SAMPLE	: 08 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED	: 08/02/89 13:21:03 MODIFIED : 09/18/89 12:20:59
DAYS	: 047 DATE PROMISED : 09/01/89
PRIORITIZATION	: 5
PROJECT CODE	: INORG
SUBMITTER	: HRS DUVAL CPHU
CHARGE NUMBER	:
MATRIX	: WATER
DATE-TIME COLLECTED	: 08/02/89 11:20:00
DATE RECEIVED	: 08/02/89
COLLECTED BY	: G. PAWLOWICZ
SAMPLE NAME	: MR. CORBELLO/WELL #18
SAMPLE ADDRESS	: 8404 PALINFIELD RD.
CITY	:
STATE	: FL
ZIP	:
COUNTY	: DUVAL
HRS DISTRICT	:
DER DISTRICT	:
LATITUDE	:
LONGITUDE	:
[illegible]R SYSTEM	: 43
[illegible] / RECHK / OTHER	: 3
SYSTEM ID	:
RAW / TREATED	: R
FIELD PH	:
FIELD CONDUCTIVITY	:
FIELD CHLORINE	:
TEMPERATURE	:
CODE TYPE	:
CODE	:
CODE TYPE	:
CODE	:
COMMENT	:
COMMENT	:

ANALYSIS	DESCRIPTION
ICP	ICP METALS / EPA 200.7
AS	ARSENIC / EPA 206.2
PB	LEAD / EPA 239.2
CD	CADMIUM / EPA 213.2
SE	SELENIUM / EPA 270.2
HG	MERCURY / EPA 245.1
IONCH	ANIONS BY ION CHROMATOGRAPHY / EPA 300.0
F	FLUORIDE / EPA 341.2
PU[illegible]E	PURGEABLES / GC/MS / EPA 524.1 OR 524.2

ANALYSIS : ICP

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ZINC	MG/L	1.51
BARIUM	MG/L	<0.100
SODIUM	MG/L	<15.0
MANGANESE	MG/L	<0.0050
IRON	MG/L	<0.030
CHROMIUM	MG/L	<0.0050
CALCIUM	MG/L	37.5
SILVER	MG/L	<0.010
MAGNESIUM	MG/L	18.5
COPPER	MG/L	<0.100

DATE - TIME ANALYZED : 08/05/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : AS

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ARSENIC MG/L : <0.0020
DATE - TIME ANALYZED : 08/08/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : PB

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :

ANALYSIS : PB

DATE-TIME ANALYZED :
CONDITIONS :

LEAD MG/L : <0.010
DATE - TIME ANALYZED : 08/03/89 02:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : CD

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CADMIUM MG/L : <0.0020
DATE - TIME ANALYZED : 08/07/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : SE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SELENIUM MG/L : <0.0020
DATE - TIME ANALYZED : 08/09/89 02:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : HG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

MERCURY MG/L : <0.00020
DATE - TIME ANALYZED : 08/16/89 10:40:22
ANALYST : : J. SCHMITZ

ANALYSIS : IONCH

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE MG/L : 7.25
NITRATE AS N MG/L : <0.100
SULFATE AS SO4 MG/L : 51.2
DATE - TIME ANALYZED : 08/03/89 13:54:00
ANALYST : : J. SCHMITZ

ANALYSIS : F

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE AS F MG/L : 0.51
DATE - TIME ANALYZED : 08/07/89 10:00:00
ANALYST : : J. SCHMITZ

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLOROMETHANE	UG/L	<1.0
METHYL BROMIDE	UG/L	<1.0
VINYL CHLORIDE	UG/L	<1.0
CHLOROETHANE	UG/L	<1.0
M'LENE CHLORIDE	UG/L	<1.0
DIC'DIF'METHANE	UG/L	<10.
ACROLEIN	UG/L	<25.
ACRYLONITRILE	UG/L	<25.
TRIC'F'METHANE	UG/L	<1.0
1,1-DIC'ETHENE	UG/L	<0.50
1,1-DIC'ETHANE	UG/L	<1.0
1,2-DIC'ETHENE	UG/L	<0.50
CHLOROFORM	UG/L	<0.60
1,2-DIC'ETHANE	UG/L	<1.0
TRIC'ETHANE	UG/L	<0.50
CARBON TETRACL	UG/L	<0.60
BRO'DIC'METHANE	UG/L	<0.75
1,2-DIC'PROPANE	UG/L	<0.40
1,3-DIC'PROPENE	UG/L	<1.0
TRICHLOROETHENE	UG/L	<0.50
BENZENE	UG/L	<0.40
C'DIBRO'METHANE	UG/L	<0.90
112-TRIC'ETHANE	UG/L	<0.50
EDB	UG/L	<1.0
2C'ET'VIN'ETHER	UG/L	<50.
BROMOFORM	UG/L	<1.0
1122-T'C'ETHANE	UG/L	<0.60
TETRACHL'ETHENE	UG/L	<1.0
TOLUENE	UG/L	<1.0
CHLOROBENZENE	UG/L	<1.0
ETHYLBENZENE	UG/L	<1.0
CUMENE	UG/L	<1.0
STYRENE	UG/L	<0.50
TOTAL XYLENES	UG/L	<1.0
PROPYLBENZENE	UG/L	<1.0
m-DICHL'BENZENE	UG/L	<0.50
p-DICHL'BENZENE	UG/L	<1.0
o-DICHL'BENZENE	UG/L	<1.0
124-T'M'BENZENE	UG/L	<1.0
-CYMENE	UG/L	<1.0
	UG/L	<2.0

ANALYSIS : PURGE

OTHER VOLATILES : : NOT DETECTED
DATE-TIME ANALYZED : 08/15/89 14:53:00
ANALYST : : J. SHOEMAKER

STATUS REPORT - SAMPLE NUMBER : 89080171

SAMPLE NUMBER	: 89080171
STATUS OF SAMPLE	: 08 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED	: 08/02/89 13:22:27 MODIFIED : 09/18/89 12:20:59
DAYS	: 047 DATE PROMISED : 09/01/89
PRIORITIZATION	: 5
PROJECT CODE	: INORG
SUBMITTER	: HRS DUVAL CPHU
CHARGE NUMBER	:
MATRIX	: WATER
DATE-TIME COLLECTED	: 08/02/89 11:30:00
DATE RECEIVED	: 08/02/89
COLLECTED BY	: G. PAWLOWICZ
SAMPLE NAME	: RESIDENT/WELL B.
SAMPLE ADDRESS	: 8420 PLAINFIELD RD.
CITY	:
STATE	: FL
ZIP	:
COUNTY	: DUVAL
HRS DISTRICT	:
DER DISTRICT	:
LATITUDE	:
LONGITUDE	:
[illegible]R SYSTEM	: 43
[illegible] / RECHK / OTHER	: 3
SYSTEM ID	:
RAW / TREATED	: R
FIELD PH	:
FIELD CONDUCTIVITY	:
FIELD CHLORINE	:
TEMPERATURE	:
CODE TYPE	:
CODE	:
CODE TYPE	:
CODE	:
COMMENT	: MCL VIOLATION FOR IRON
COMMENT	:

ANALYSIS	DESCRIPTION
ICP	ICP METALS / EPA 200.7
AS	ARSENIC / EPA 206.2
PB	LEAD / EPA 239.2
CD	CADMIUM / EPA 213.2
SE	SELENIUM / EPA 270.2
HG	MERCURY / EPA 245.1
IONCH	ANIONS BY ION CHROMATOGRAPHY / EPA 300.0
F	FLUORIDE / EPA 341.2
[illegible]GE	PURGEABLES / GC/MS / EPA 524.1 OR 524.2

ANALYSIS : ICP

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ZINC	MG/L	<0.500
BARIUM	MG/L	<0.100
SODIUM	MG/L	<15.0
MANGANESE	MG/L	0.048
IRON	MG/L	6.05
CHROMIUM	MG/L	<0.0050
CALCIUM	MG/L	105
SILVER	MG/L	<0.010
MAGNESIUM	MG/L	4.08
COPPER	MG/L	<0.100

DATE - TIME ANALYZED : 08/05/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : AS

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ARSENIC	MG/L	<0.0020

DATE - TIME ANALYZED : 08/08/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : PB

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :

ANALYSIS : PB

DATE-TIME ANALYZED :
CONDITIONS :

LEAD MG/L : <0.010
DATE - TIME ANALYZED : 08/04/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : CD

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CADMIUM MG/L : <0.0020
DATE - TIME ANALYZED : 08/07/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : SE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SELENIUM MG/L : <0.0020
DATE - TIME ANALYZED : 08/09/89 02:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : HG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

MERCURY MG/L : <0.00020
DATE - TIME ANALYZED : 08/16/89 10:40:24
ANALYST : : J. SCHMITZ

ANALYSIS : IONCH

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE MG/L : 13.84
NITRATE AS N MG/L : <0.100
SULFATE AS SO4 MG/L : <3.00
DATE - TIME ANALYZED : 08/03/89 14:02:00
ANALYST : : J. SCHMITZ

ANALYSIS : F

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE AS F MG/L : <0.20
DATE - TIME ANALYZED : 08/07/89 10:00:00
ANALYST : : J. SCHMITZ

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLOROMETHANE	UG/L	<1.0
METHYL BROMIDE	UG/L	<1.0
VINYL CHLORIDE	UG/L	<1.0
CHLOROETHANE	UG/L	<1.0
M'LENE CHLORIDE	UG/L	<1.0
DIC'DIF'METHANE	UG/L	<10.
ACROLEIN	UG/L	<25.
ACRYLONITRILE	UG/L	<25.
TRIC'F'METHANE	UG/L	<1.0
1,1-DIC'ETHENE	UG/L	<0.50
1,1-DIC'ETHANE	UG/L	<1.0
1,2-DIC'ETHENE	UG/L	<0.50
CHLOROFORM	UG/L	<0.60
1,2-DIC'ETHANE	UG/L	<1.0
[illegible] TRIC'ETHANE	UG/L	<0.50
[illegible]ON TETRACL	UG/L	<0.60
BRO'DIC'METHANE	UG/L	<0.75
1,2-DIC'PROPANE	UG/L	<0.40
1,3-DIC'PROPENE	UG/L	<1.0
TRICHLOROETHENE	UG/L	<0.50
BENZENE	UG/L	<0.40
C'DIBRO'METHANE	UG/L	<0.90
112-TRIC'ETHANE	UG/L	<0.50
EDB	UG/L	<1.0
2C'ET'VIN'ETHER	UG/L	<50.
BROMOFORM	UG/L	<1.0
1122-T'C'ETHANE	UG/L	<0.60
TETRACHL'ETHENE	UG/L	<1.0
TOLUENE	UG/L	<1.0
CHLOROBENZENE	UG/L	<1.0
ETHYLBENZENE	UG/L	<1.0
CUMENE	UG/L	<1.0
STYRENE	UG/L	<0.50
TOTAL XYLENES	UG/L	<1.0
PROPYLBENZENE	UG/L	<1.0
m-DICHL'BENZENE	UG/L	<0.50
p-DICHL'BENZENE	UG/L	<1.0
o-DICHL'BENZENE	UG/L	<1.0
124-T'M'BENZENE	UG/L	<1.0
p[illegible]-CYMENE	UG/L	<1.0
[illegible]	UG/L	<2.0

ANALYSIS : PURGE

OTHER VOLATILES : : NOT DETECTED
DATE-TIME ANALYZED : 08/15/89 15:47:00
ANALYST : : J. SHOEMAKER

STATUS REPORT - SAMPLE NUMBER : 89080172

SAMPLE NUMBER	: 89080172
STATUS OF SAMPLE	: 08 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED	: 08/02/89 13:23:59 MODIFIED : 09/18/89 12:21:00
DAYS	: 047 DATE PROMISED : 09/01/89
PRIORITIZATION	: 5
PROJECT CODE	: INORG
SUBMITTER	: HRS DUVAL CPHU
CHARGE NUMBER	:
MATRIX	: WATER
DATE-TIME COLLECTED	: 08/02/89 12:00:00
DATE RECEIVED	: 08/02/89
COLLECTED BY	: G. PAWLOWICZ
SAMPLE NAME	: MR. FRANK CREEL/H.B. AT THE SIDE OF HOUSE
SAMPLE ADDRESS	: 8561 NEW YORK AVE.
CITY	:
STATE	: FL
ZIP	:
COUNTY	: DUVAL
HRS DISTRICT	:
DER DISTRICT	:
LATITUDE	:
LONGITUDE	:
[illegible] R SYSTEM	: 43
[illegible] / RECHK / OTHER	: 3
SYSTEM ID	:
RAW / TREATED	: R
FIELD PH	:
FIELD CONDUCTIVITY	:
FIELD CHLORINE	:
TEMPERATURE	:
CODE TYPE	:
CODE	:
CODE TYPE	:
CODE	:
COMMENT	:
COMMENT	:

ANALYSIS	DESCRIPTION
ICP	ICP METALS / EPA 200.7
AS	ARSENIC / EPA 206.2
PB	LEAD / EPA 239.2
CD	CADMIUM / EPA 213.2
SE	SELENIUM / EPA 270.2
HG	MERCURY / EPA 245.1
IONCH	ANIONS BY ION CHROMATOGRAPHY / EPA 300.0
F	FLUORIDE / EPA 341.2
PU[illegible]E	PURGEABLES / GC/MS / EPA 524.1 OR 524.2

ANALYSIS : ICP

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ZINC	MG/L	<0.500
BARIUM	MG/L	<0.100
SODIUM	MG/L	<15.0
MANGANESE	MG/L	0.0094
IRON	MG/L	0.044
CHROMIUM	MG/L	<0.0050
CALCIUM	MG/L	36.0
SILVER	MG/L	<0.010
MAGNESIUM	MG/L	18.6
COPPER	MG/L	<0.100

DATE - TIME ANALYZED : 08/05/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : AS

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ARSENIC	MG/L	<0.0020

DATE - TIME ANALYZED : 08/08/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : PB

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :

ANALYSIS : PB

DATE-TIME ANALYZED :
CONDITIONS :

LEAD MG/L : <0.010
DATE - TIME ANALYZED : 08/04/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : CD

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CADMIUM MG/L : <0.0020
DATE - TIME ANALYZED : 08/07/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : SE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SELENIUM MG/L : <0.0020
DATE - TIME ANALYZED : 08/09/89 02:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : HG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

MERCURY MG/L : <0.00020
DATE - TIME ANALYZED : 08/16/89 10:40:27
ANALYST : : J. SCHMITZ

ANALYSIS : IONCH

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE MG/L : 7.25
NITRATE AS N MG/L : <0.100
SULFATE AS SO4 MG/L : 58.9
DATE - TIME ANALYZED : 08/03/89 14:12:00
ANALYST : : J. SCHMITZ

ANALYSIS : F

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE AS F MG/L : 0.53
DATE - TIME ANALYZED : 08/07/89 10:00:00
ANALYST : : J. SCHMITZ

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLOROMETHANE	UG/L	<1.0
METHYL BROMIDE	UG/L	<1.0
VINYL CHLORIDE	UG/L	<1.0
CHLOROETHANE	UG/L	<1.0
M'LENE CHLORIDE	UG/L	<1.0
DIC'DIF'METHANE	UG/L	<10.
ACROLEIN	UG/L	<25.
ACRYLONITRILE	UG/L	<25.
TRIC'F'METHANE	UG/L	<1.0
1,1-DIC'ETHENE	UG/L	<0.50
1,1-DIC'ETHANE	UG/L	<1.0
1,2-DIC'ETHENE	UG/L	<0.50
CHLOROFORM	UG/L	<0.60
1,2-DIC'ETHANE	UG/L	<1.0
[illegible]-TRIC'ETHANE	UG/L	<0.50
[illegible]BON TETRACL	UG/L	<0.60
BRO'DIC'METHANE	UG/L	<0.75
1,2-DIC'PROPANE	UG/L	<0.40
1,3-DIC'PROPENE	UG/L	<1.0
TRICHLOROETHENE	UG/L	<0.50
BENZENE	UG/L	<0.40
C'DIBRO'METHANE	UG/L	<0.90
112-TRIC'ETHANE	UG/L	<0.50
EDB	UG/L	<1.0
2C'ET'VIN'ETHER	UG/L	<50.
BROMOFORM	UG/L	<1.0
1122-T'C'ETHANE	UG/L	<0.60
TETRACHL'ETHENE	UG/L	<1.0
TOLUENE	UG/L	<1.0
CHLOROBENZENE	UG/L	<1.0
ETHYLBENZENE	UG/L	<1.0
CUMENE	UG/L	<1.0
STYRENE	UG/L	<0.50
TOTAL XYLENES	UG/L	<1.0
PROPYLBENZENE	UG/L	<1.0
m-DICHL'BENZENE	UG/L	<0.50
p-DICHL'BENZENE	UG/L	<1.0
o-DICHL'BENZENE	UG/L	<1.0
124-T'M'BENZENE	UG/L	<1.0
[illegible]a-CYMENE	UG/L	<1.0
[illegible]	UG/L	<2.0

ANALYSIS : PURGE

OTHER VOLATILES : : NOT DETECTED
DATE-TIME ANALYZED : 08/15/89 16:35:00
ANALYST : : J. SHOEMAKER

State of Florida
Department of Health and Rehabilitative Services
Office of Laboratory Services
P. O. Box 210
Jacksonville, Florida 32231

Submitting Agency: DCFWU
Address: 515 W Sixth St
Jax, FL

DRINKING WATER CHEMICAL ANALYSIS

System Name: Mr Clayman
County: Duval
Collector: G. Pulaucz
Address: 2730 Forest Cr
System I.D. No.:
DER District: 11
Sample Site: well b.b
Raw or Treated:
Temperature:
Date and Time Collected: 8/2/88 10:05
Field Chlorine, mg/l:
Field pH:

Circle one: 40. Community public water system 41. Non-community public water system 42. Other public water system 43. Private water system

Circle one: 1. Compliance 2. Recheck 3. Other (indicate below parameters to be tested for items 2 or 3).

Inorg.
PURGEABLES

PRIMARY STANDARDS			SECONDARY STANDARDS			GENERAL	
PARAMETER	METHOD†	RESULT**	PARAMETER	METHOD†	RESULT**	PARAMETER	RESULT**
Arsenic as As			Chloride as Cl			Total Hardness as $CaCO_3$ (c)	
Barium as Ba			Color*			Total Alkalinity as $CaCO_3$	
Cadmium as Cd			Copper as Cu			N.C.H. as $CaCO_3$ (c)	
Chromium as Cr			Corrosivity*			Bicarbonate as HCO_3 (c)	
Lead as Pb			Foaming Agents			Calcium as Ca	
Mercury as Hg			H_2S			Magnesium as Mg	
Selenium as Se			Iron as Fe			Carbon Dioxide as CO_2 (c)	
Silver as Ag			Manganese as Mn			Bicarbonate as $CaCO_3$ (c)	
Nitrate as N			Odor*			Carbonate as $CaCO_3$ (c)	
Fluoride as F			pH*			Hydroxide as $CaCO_3$ (c)	
Turbidity,* NTU			Sulfate as SO_4			Sodium as Na	
			TDS				
Endrin			Zinc as Zn			pHs* (c)	
Lindane						Stability Index* 2pHs-pH (c)	
Methoxychlor						Saturation Index* pH-pHs (c)	
Toxaphene						INTERPRETATION: Stable	
2, 4-D						Corrosive	
2, 4-5 TP Silvex						Scale Forming	
Trihalomethanes			DER reviewer:				
			Action required:				

Note: *All results in mg/liter except those denoted
†List of methods available on request

(c) = Calculated value
**BDL = Below detection limit, see reverse side

Date and Time Received:
Laboratory I.D. No.:
Date Reported:
Remarks: [illegible] 9/10/88
FB 89080167
ARB 89080168
Analysts:

HRS Form 1125, May 79 (Obsoletes HRS(TEST) Form 32)

State of Florida
Department of Health and Rehabilitative Services
Office of Laboratory Services
P. O. Box 210
Jacksonville, Florida 32231

Submitting Agency: DCPHU

Address: JT in Sixth

Box 112

DRINKING WATER CHEMICAL ANALYSIS

System Name: Resident

County: Duval

Collector: G Rawlings

Address: 5406 Rosedale Ln

System I.D. No.:

DER District: 11

Sample Site: Kitchen sink

Raw or Treated:

Temperature

Date and Time Collected: 8/2/88 10:45

Field Chlorine, mg/l:

Field pH:

Circle one: 40. Community public water system 41. Non-community public water system 42. Other public water system 43. Private water system

Circle one: 1. Compliance 2. Recheck 3. Other (indicate below parameters to be tested for items 2 or 3).

Inory
PURGEABLES

Pesticide 130 EL

PRIMARY STANDARDS			SECONDARY STANDARDS			GENERAL	
PARAMETER	METHOD†	RESULT**	PARAMETER	METHOD†	RESULT**	PARAMETER	RESULT**
Arsenic as As			Chloride as Cl			Total Hardness as $CaCO_3$ (c)	
Barium as Ba			Color*			Total Alkalinity as $CaCO_3$	
Cadmium as Cd			Copper as Cu			N.C.H. as $CaCO_3$ (c)	
Chromium as Cr			Corrosivity*			Bicarbonate as HCO_3 (c)	
Lead as Pb			Foaming Agents			Calcium as Ca	
Mercury as Hg			H_2S			Magnesium as Mg	
Selenium as Se			Iron as Fe			Carbon Dioxide as CO_2 (c)	
Silver as Ag			Manganese as Mn			Bicarbonate as $CaCO_3$ (c)	
Nitrate as N			Odor*			Carbonate as $CaCO_3$ (c)	
Fluoride as F			pH*			Hydroxide as $CaCO_3$ (c)	
Turbidity,* NTU			Sulfate as SO_4			Sodium as Na	
			TDS				
Endrin			Zinc as Zn			pHs* (c)	
Lindane						Stability Index* 2pHs-pH (c)	
Methoxychlor						Saturation Index* pH-pHs (c)	
Toxaphene						INTERPRETATION: Stable	
2, 4-D						Corrosive	
2, 4-5 TP Silvex						Scale Forming	
Trihalomethanes			DER reviewer:				
			Action required:				

Note: *All results in mg/liter except those denoted
†List of methods available on request

(c) = Calculated value
**BDL = Below detection limit, see reverse side

Date and Time Received:

Laboratory I.D. No.:

Date Reported:

Remarks: Inv. E0 84 1225
Ahle 84 080164

Analysts:

HRS Form 1125, May 79 (Obsoletes HRS(TEST) Form 32)

State of Florida
Department of Health and Rehabilitative Services
Office of Laboratory Services
P. O. Box 210
Jacksonville, Florida 32231

Submitting Agency: DCPWU
Address: 515 W Sixth St
Jax, FL

DRINKING WATER CHEMICAL ANALYSIS

System Name: Mr Corbello
County: Collector: G. Bewlowicz
Address: 8404 Plainfield Rd
System I.D. No.: DER District "
Sample Site: well b.b
Raw or Treated: Temperature
Date and Time Collected: 8/2 11:20
Field Chlorine, mg/l: Field pH:

Circle one: 40. Community public water system 41. Non-community public water system 42. Other public water system 43. Private water system

Circle one: 1. Compliance 2. Recheck 3. Other (indicate below parameters to be tested for items 2 or 3).

probe ± 400 ft

INORG. PURGEABLES

PRIMARY STANDARDS			SECONDARY STANDARDS			GENERAL	
PARAMETER	METHOD†	RESULT**	PARAMETER	METHOD†	RESULT**	PARAMETER	RESULT**
Arsenic as As			Chloride as Cl			Total Hardness as $CaCO_3$ (c)	
Barium as Ba			Color*			Total Alkalinity as $CaCO_3$	
Cadmium as Cd			Copper as Cu			N.C.H. as $CaCO_3$ (c)	
Chromium as Cr			Corrosivity*			Bicarbonate as HCO_3 (c)	
Lead as Pb			Foaming Agents			Calcium as Ca	
Mercury as Hg			H_2S			Magnesium as Mg	
Selenium as Se			Iron as Fe			Carbon Dioxide as CO_2 (c)	
Silver as Ag			Manganese as Mn			Bicarbonate as $CaCO_3$ (c)	
Nitrate as N			Odor*			Carbonate as $CaCO_3$ (c)	
Fluoride as F			pH*			Hydroxide as $CaCO_3$ (c)	
Turbidity,* NTU			Sulfate as SO_4			Sodium as Na	
			TDS				
Endrin			Zinc as Zn			pHs* (c)	
Lindane						Stability Index* 2pHs-pH (c)	
Methoxychlor						Saturation Index* pH-pHs (c)	
Toxaphene						INTERPRETATION: Stable	
2, 4-D						Corrosive	
2, 4-5 TP Silvex						Scale Forming	
Trihalomethanes			DER reviewer:				
			Action required:				

Note: *All results in mg/liter except those denoted
†List of methods available on request

(c) = Calculated value
**BDL = Below detection limit, see reverse side

Date and Time Received:
Laboratory I.D. No.:
Date Reported:
Remarks: Lab E894035
Ark 84080170
Analysts:

HRS Form 1125, May 79 (Obsoletes HRS(TEST) Form 32)

State of Florida
Department of Health and Rehabilitative Services
Office of Laboratory Services
P. O. Box 210
Jacksonville, Florida 32231

Submitting Agency: DER

Address: [illegible]

DRINKING WATER CHEMICAL ANALYSIS

System Name: [illegible]

County: [illegible] Collector: G. [illegible]

Address: 8406 Plantfield [illegible]

System I.D. No.: DER District: 11

Sample Site: [illegible] (Sent to 8406)

Raw or Treated: Temperature

Date and Time Collected: 8/7 11:30

Field Chlorine, mg/l: Field pH:

Circle one: 40. Community public water system 41. Non-community public water system 42. Other public water system 43. Private water system

Circle one: 1. Compliance 2. Recheck 3. Other (indicate below parameters to be tested for items 2 or 3).

Inorg. PURGEABLES

PRIMARY STANDARDS			SECONDARY STANDARDS			GENERAL	
PARAMETER	METHOD†	RESULT**	PARAMETER	METHOD†	RESULT**	PARAMETER	RESULT**
Arsenic as As			Chloride as Cl			Total Hardness as $CaCO_3$ (c)	
Barium as Ba			Color*			Total Alkalinity as $CaCO_3$	
Cadmium as Cd			Copper as Cu			N.C.H. as $CaCO_3$ (c)	
Chromium as Cr			Corrosivity*			Bicarbonate as HCO_3 (c)	
Lead as Pb			Foaming Agents			Calcium as Ca	
Mercury as Hg			H_2S			Magnesium as Mg	
Selenium as Se			Iron as Fe			Carbon Dioxide as CO_2 (c)	
Silver as Ag			Manganese as Mn			Bicarbonate as $CaCO_3$ (c)	
Nitrate as N			Odor*			Carbonate as $CaCO_3$ (c)	
Fluoride as F			pH*			Hydroxide as $CaCO_3$ (c)	
Turbidity,* NTU			Sulfate as SO_4			Sodium as Na	
			TDS				
Endrin			Zinc as Zn			pHs* (c)	
Lindane						Stability Index* 2pHs-pH (c)	
Methoxychlor						Saturation Index* pH-pHs (c)	
Toxaphene						INTERPRETATION: Stable	
2, 4-D						Corrosive	
2, 4-5 TP Silvex						Scale Forming	
Trihalomethanes			DER reviewer:				
			Action required:				

Note: *All results in mg/liter except those denoted
†List of methods available on request

(c) = Calculated value
**BDL = Below detection limit, see reverse side

Date and Time Received:

Laboratory I.D. No.:

Date Reported:

Remarks: [illegible] EC 841035
Apk 89080171

Analysts:

HRS Form 1125, May 79 (Obsoletes HRS(TEST) Form 32)

State of Florida
Department of Health and Rehabilitative Services
Office of Laboratory Services
P. O. Box 210
Jacksonville, Florida 32231

Submitting Agency: DCPHU
Address: 715 W Sixth St
Jax, FL

DRINKING WATER CHEMICAL ANALYSIS

System Name: Hu Frank Creek
County: Duval
Collector: G. Pinkney
Address: 8561 New York Ave
System I.D. No.:
DER District: 11
Sample Site: Hose bibb at the side of house
Raw or Treated:
Temperature:
Date and Time Collected: 8/2 12:00
Field Chlorine, mg/l:
Field pH:

Circle one: 40. Community public water system 41. Non-community public water system 42. Other public water system 43. Private water system

Circle one: 1. Compliance 2. Recheck 3. Other (indicate below parameters to be tested for items 2 or 3).

Inorg.
PURGEABLES

PRIMARY STANDARDS			SECONDARY STANDARDS			GENERAL	
PARAMETER	METHOD†	RESULT**	PARAMETER	METHOD†	RESULT**	PARAMETER	RESULT**
Arsenic as As			Chloride as Cl			Total Hardness as $CaCO_3$ (c)	
Barium as Ba			Color*			Total Alkalinity as $CaCO_3$	
Cadmium as Cd			Copper as Cu			N.C.H. as $CaCO_3$ (c)	
Chromium as Cr			Corrosivity*			Bicarbonate as HCO_3 (c)	
Lead as Pb			Foaming Agents			Calcium as Ca	
Mercury as Hg			H_2S			Magnesium as Mg	
Selenium as Se			Iron as Fe			Carbon Dioxide as CO_2 (c)	
Silver as Ag			Manganese as Mn			Bicarbonate as $CaCO_3$ (c)	
Nitrate as N			Odor*			Carbonate as $CaCO_3$ (c)	
Fluoride as F			pH*			Hydroxide as $CaCO_3$ (c)	
Turbidity,* NTU			Sulfate as SO_4			Sodium as Na	
			TDS				
Endrin			Zinc as Zn			pHs* (c)	
Lindane						Stability Index* 2pHs-pH (c)	
Methoxychlor						Saturation Index* pH-pHs (c)	
Toxaphene						INTERPRETATION: Stable	
2, 4-D						Corrosive	
2, 4-5 TP Silvex						Scale Forming	
Trihalomethanes			DER reviewer:				
			Action required:				

Note: *All results in mg/liter except those denoted
†List of methods available on request

(c) = Calculated value
**BDL = Below detection limit, see reverse side

Date and Time Received:
Date Reported:
Analysts:

Laboratory I.D. No.:
Remarks: Case E 8416.35
A Ale 89080172

HRS Form 1125, May 79 (Obsoletes HRS(TEST) Form 32)

HRS OFFICE OF LABORATORY SERVICES / LAB ID 12001

10/10/89 16:10 PAGE 1

STATUS REPORT - SAMPLE NUMBER : 89082117

SAMPLE NUMBER : 89082117
STATUS OF SAMPLE : 06 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED : 08/30/89 16:05:51 MODIFIED : 09/28/89 15:47:16
DAYS : 041 DATE PROMISED : 09/29/89
PRIORITIZATION : 5
PROJECT CODE :
SUBMITTER : HRS DUVAL CPHU
CHARGE NUMBER :
MATRIX : WATER
DATE-TIME COLLECTED : 08/30/89 00:00:00
DATE RECEIVED : 08/30/89
COLLECTED BY :
SAMPLE NAME : FIELD BLANK/PURGEABLES
SAMPLE ADDRESS :
CITY :
STATE : FL
ZIP :
COUNTY :
HRS DISTRICT :
DER DISTRICT :
LATITUDE :
LONGITUDE :
[illegible]ER SYSTEM :
[illegible]MP / RECHK / OTHER :
SYSTEM ID :
RAW / TREATED :
FIELD PH :
FIELD CONDUCTIVITY :
FIELD CHLORINE :
TEMPERATURE :
CODE TYPE :
CODE :
CODE TYPE :
CODE :
COMMENT :
COMMENT :

RECEIVED OCT 17 1989 Sanitary Engineering Division

MAILED
OCT 16 1989
HRS Office of Laboratory Services
ENVIRONMENTAL CHEMISTRY
TS

ANALYSIS	DESCRIPTION
PURGE	PURGEABLES / GC/MS / EPA 524.1 OR 524.2

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
[illegible]-TIME EXTRACTED :
[illegible]-TIME ANALYZED :

ANALYSIS : PURGE

CONDITIONS :

CHLOROMETHANE	UG/L	:	NS
METHYL BROMIDE	UG/L	:	NS
VINYL CHLORIDE	UG/L	:	NS
CHLOROETHANE	UG/L	:	NS
M'LENE CHLORIDE	UG/L	:	NS
DIC'DIF'METHANE	UG/L	:	NS
ACROLEIN	UG/L	:	NS
ACRYLONITRILE	UG/L	:	NS
TRIC'F'METHANE	UG/L	:	NS
1,1-DIC'ETHENE	UG/L	:	NS
1,1-DIC'ETHANE	UG/L	:	NS
1,2-DIC'ETHENE	UG/L	:	NS
CHLOROFORM	UG/L	:	NS
1,2-DIC'ETHANE	UG/L	:	NS
111-TRIC'ETHANE	UG/L	:	NS
CARBON TETRACL	UG/L	:	NS
BRO'DIC'METHANE	UG/L	:	NS
1,2-DIC'PROPANE	UG/L	:	NS
DIC'PROPENE	UG/L	:	NS
CHLOROETHENE	UG/L	:	NS
BENZENE	UG/L	:	NS
C'DIBRO'METHANE	UG/L	:	NS
112-TRIC'ETHANE	UG/L	:	NS
EDB	UG/L	:	NS
2C'ET'VIN'ETHER	UG/L	:	NS
BROMOFORM	UG/L	:	NS
1122-T'C'ETHANE	UG/L	:	NS
TETRACHL'ETHENE	UG/L	:	NS
TOLUENE	UG/L	:	NS
CHLOROBENZENE	UG/L	:	NS
ETHYLBENZENE	UG/L	:	NS
CUMENE	UG/L	:	NS
STYRENE	UG/L	:	NS
TOTAL XYLENES	UG/L	:	NS
PROPYLBENZENE	UG/L	:	NS
m-DICHL'BENZENE	UG/L	:	NS
p-DICHL'BENZENE	UG/L	:	NS
o-DICHL'BENZENE	UG/L	:	NS
124-T'M'BENZENE	UG/L	:	NS
para-CYMENE	UG/L	:	NS
MTBE	UG/L	:	NS
OTHER VOLATILES	:	:	NS

DATE-TIME ANALYZED :

A YST : :

STATUS REPORT - SAMPLE NUMBER : 89082118

SAMPLE NUMBER	: 89082118
STATUS OF SAMPLE	: 08 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED	: 08/30/89 16:07:33 MODIFIED : 10/10/89 15:34:36
DAYS	: 041 DATE PROMISED : 09/29/89
PRIORITIZATION	: 5
PROJECT CODE	: INORG
SUBMITTER	: HRS DUVAL CPHU
CHARGE NUMBER	:
MATRIX	: WATER
DATE-TIME COLLECTED	: 08/30/89 15:30:00
DATE RECEIVED	: 08/30/89
COLLECTED BY	: G.PEWLOWICZ
SAMPLE NAME	: RESIDENT/W.B IN THE FRONT OF THE HOUSE
SAMPLE ADDRESS	: 8443 NAVARE
CITY	:
STATE	: FL
ZIP	:
COUNTY	: DUVAL
HRS DISTRICT	:
DER DISTRICT	:
LATITUDE	:
LONGITUDE	:
[illegible]R SYSTEM	: 43
[illegible]P / RECHK / OTHER	: 3
SYSTEM ID	:
RAW / TREATED	: R
FIELD PH	:
FIELD CONDUCTIVITY	:
FIELD CHLORINE	:
TEMPERATURE	:
CODE TYPE	:
CODE	:
CODE TYPE	:
CODE	:
COMMENT	:
COMMENT	:

ANALYSIS	DESCRIPTION
ICP	ICP / EPA METHOD 200.7
AS	ARSENIC / EPA 206.2
PB	LEAD / EPA METHOD 239.2
CD	CADMIUM / EPA 213.2
SE	SELENIUM / EPA 270.2
HG	MERCURY / EPA 245.1
IONCH	ANIONS BY ION CHROMATOGRAPHY / EPA 300.0
F	FLUORIDE / EPA 341.2
P[illegible]E	PURGEABLES / GC/MS / EPA 524.1 OR 524.2
[illegible]	SILVER / EPA METHOD 272.2
[illegible]	SODIUM / EPA METHOD 273.1

ANALYSIS : ICP

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ZINC	MG/L	<0.500
BARIUM	MG/L	<0.100
MANGANESE	MG/L	<0.0050
IRON	MG/L	0.055
CHROMIUM	MG/L	<0.0050
CALCIUM	MG/L	30.4
MAGNESIUM	MG/L	19.7
COPPER	MG/L	<0.100

DATE - TIME ANALYZED : 09/14/89 01:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : AS

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ARSENIC	MG/L	<0.0020

DATE - TIME ANALYZED : 09/11/89 01:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : PB

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ANALYSIS : PB

LEAD MG/L : <0.010
DATE - TIME ANALYZED : 09/08/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : CD

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CADMIUM MG/L : <0.0020
DATE - TIME ANALYZED : 09/07/89 04:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : SE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SELENIUM MG/L : <0.0020
DATE - TIME ANALYZED : 09/20/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : HG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

MERCURY MG/L : <0.00020
DATE - TIME ANALYZED : 09/22/89 14:30:00
ANALYST : : N. MACEWEN

ANALYSIS : IONCH

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLORIDE MG/L : 7.46
NITRATE AS N MG/L : 0.235
SULFATE AS SO4 MG/L : 49.3
DATE - TIME ANALYZED : 08/31/89 10:26:00
ANALYST : : T. STOUTER

ANALYSIS : F

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE AS F MG/L : 0.52
DATE - TIME ANALYZED : 08/31/89 13:29:00
ANALYST : : P. SNEED

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLOROMETHANE	UG/L	<1.0
METHYL BROMIDE	UG/L	<1.0
VINYL CHLORIDE	UG/L	<1.0
CHLOROETHANE	UG/L	<1.0
M'LENE CHLORIDE	UG/L	<1.0
DIC'DIF'METHANE	UG/L	<10.
ACROLEIN	UG/L	<25.
ACRYLONITRILE	UG/L	<25.
TRIC'F'METHANE	UG/L	<1.0
1,1-DIC'ETHENE	UG/L	<0.50
1,1-DIC'ETHANE	UG/L	<1.0
1,2-DIC'ETHENE	UG/L	<0.50
CHLOROFORM	UG/L	<0.60
1,2-DIC'ETHANE	UG/L	<1.0
[illegible]-TRIC'ETHANE	UG/L	<0.50
[illegible]RBON TETRACL	UG/L	<0.60
BRO'DIC'METHANE	UG/L	<0.75
1,2-DIC'PROPANE	UG/L	<0.40
1,3-DIC'PROPENE	UG/L	<1.0
TRICHLOROETHENE	UG/L	<0.50
BENZENE	UG/L	<0.40
C'DIBRO'METHANE	UG/L	<0.90
112-TRIC'ETHANE	UG/L	<0.50
EDB	UG/L	<1.0
2C'ET'VIN'ETHER	UG/L	<50.
BROMOFORM	UG/L	<1.0
1122-T'C'ETHANE	UG/L	<0.60
TETRACHL'ETHENE	UG/L	<1.0
TOLUENE	UG/L	<1.0
CHLOROBENZENE	UG/L	<1.0
ETHYLBENZENE	UG/L	<1.0
CUMENE	UG/L	<1.0
STYRENE	UG/L	<0.50
TOTAL XYLENES	UG/L	<1.0
PROPYLBENZENE	UG/L	<1.0
m-DICHL'BENZENE	UG/L	<0.50
p-DICHL'BENZENE	UG/L	<1.0
o-DICHL'BENZENE	UG/L	<1.0
124-T'M'BENZENE	UG/L	NS
[illegible]-CYMENE	UG/L	<1.0
[illegible]	UG/L	<2.0

ANALYSIS : PURGE

OTHER VOLATILES : : NOT DETECTED
DATE-TIME ANALYZED : 09/11/89 15:43:00
ANALYST : : R. SUTTON

ANALYSIS : AG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SILVER MG/L : <0.010
DATE - TIME ANALYZED : 09/29/89 09:00:00
ANALYST : : L. BLACKWELL

YSIS : NA

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SODIUM MG/L : <15.0
DATE - TIME ANALYZED : 08/07/89 20:45:00
ANALYST : : L. BLACKWELL

STATUS REPORT - SAMPLE NUMBER : 89082119

SAMPLE NUMBER	: 89082119
STATUS OF SAMPLE	: 08 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED	: 08/30/89 15:08:31 MODIFIED : 10/10/89 15:34:36
DAYS	: 041 DATE PROMISED : 09/29/89
PRIORITIZATION	: 5
PROJECT CODE	: INORG
SUBMITTER	: HRS DUVAL CPHU
CHARGE NUMBER	:
MATRIX	: WATER
DATE-TIME COLLECTED	: 08/30/89 15:00:00
DATE RECEIVED	: 08/30/89
COLLECTED BY	: G.PEWLOWICZ
SAMPLE NAME	: RESIDENT/FAUCET IN THE FRONT YARD
SAMPLE ADDRESS	: 3921 COLLINS RD.
CITY	:
STATE	: FL
ZIP	:
COUNTY	: DUVAL
HRS DISTRICT	:
DER DISTRICT	:
LATITUDE	:
LONGITUDE	:
R SYSTEM	: 43
MP / RECHK / OTHER	: 3
SYSTEM ID	:
RAW / TREATED	: R
FIELD PH	:
FIELD CONDUCTIVITY	:
FIELD CHLORINE	:
TEMPERATURE	:
CODE TYPE	:
CODE	:
CODE TYPE	:
CODE	:
COMMENT	:
COMMENT	:

ANALYSIS	DESCRIPTION
ICP	ICP / EPA METHOD 200.7
AS	ARSENIC / EPA 206.2
PB	LEAD / EPA METHOD 239.2
CD	CADMIUM / EPA 213.2
SE	SELENIUM / EPA 270.2
HG	MERCURY / EPA 245.1
IONCH	ANIONS BY ION CHROMATOGRAPHY / EPA 300.0
F	FLUORIDE / EPA 341.2
E	PURGEABLES / GC/MS / EPA 524.1 OR 524.2
	SILVER / EPA METHOD 272.2
NA	SODIUM / EPA METHOD 273.1

ANALYSIS : ICP

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ZINC	MG/L	<0.500
BARIUM	MG/L	<0.100
MANGANESE	MG/L	<0.0050
IRON	MG/L	0.048
CHROMIUM	MG/L	<0.0050
CALCIUM	MG/L	29.9
MAGNESIUM	MG/L	20.4
COPPER	MG/L	<0.100

DATE - TIME ANALYZED : 09/14/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : AS

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ARSENIC	MG/L	<0.0020

DATE - TIME ANALYZED : 09/11/89 01:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : PB

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ANALYSIS : PB

LEAD MG/L : <0.010
DATE - TIME ANALYZED : 09/08/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : CD

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CADMIUM MG/L : <0.0020
DATE - TIME ANALYZED : 09/07/89 04:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : SE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SELENIUM MG/L : <0.0020
DATE - TIME ANALYZED : 09/20/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : HG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

MERCURY MG/L : <0.00020
DATE - TIME ANALYZED : 09/22/89 14:30:00
ANALYST : : N. MACEWEN

ANALYSIS : IONCH

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLORIDE MG/L : 7.07
NITRATE AS N MG/L : <0.100
SULFATE AS SO4 MG/L : 52.9
DATE - TIME ANALYZED : 08/31/89 10:40:00
ANALYST : : T. STOUTER

ANALYSIS : F

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE AS F MG/L : 0.52
DATE - TIME ANALYZED : 08/31/89 13:29:00
ANALYST : : P. SNEED

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLOROMETHANE	UG/L	<1.0
METHYL BROMIDE	UG/L	<1.0
VINYL CHLORIDE	UG/L	<1.0
CHLOROETHANE	UG/L	<1.0
M'LENE CHLORIDE	UG/L	<1.0
DIC'DIF'METHANE	UG/L	<10.
ACROLEIN	UG/L	<25.
ACRYLONITRILE	UG/L	<25.
TRIC'F'METHANE	UG/L	<1.0
1,1-DIC'ETHENE	UG/L	<0.50
1,1-DIC'ETHANE	UG/L	<1.0
1,2-DIC'ETHENE	UG/L	<0.50
CHLOROFORM	UG/L	<0.50
1,2-DIC'ETHANE	UG/L	<1.0
1[illegible] TRIC'ETHANE	UG/L	<0.50
C[illegible]ON TETRACL	UG/L	<0.60
BRO'DIC'METHANE	UG/L	<0.75
1,2-DIC'PROPANE	UG/L	<0.40
1,3-DIC'PROPENE	UG/L	<1.0
TRICHLOROETHENE	UG/L	<0.50
BENZENE	UG/L	<0.40
C'DIBRO'METHANE	UG/L	<0.90
112-TRIC'ETHANE	UG/L	<0.50
EDB	UG/L	<1.0
2C'ET'VIN'ETHER	UG/L	<50.
BROMOFORM	UG/L	<1.0
1122-T'C'ETHANE	UG/L	<0.60
TETRACHL'ETHENE	UG/L	<1.0
TOLUENE	UG/L	<1.0
CHLOROBENZENE	UG/L	<1.0
ETHYLBENZENE	UG/L	<1.0
CUMENE	UG/L	<1.0
STYRENE	UG/L	<0.50
TOTAL XYLENES	UG/L	<1.0
PROPYLBENZENE	UG/L	<1.0
m-DICHL'BENZENE	UG/L	<0.50
p-DICHL'BENZENE	UG/L	<1.0
o-DICHL'BENZENE	UG/L	<1.0
124-T'M'BENZENE	UG/L	NS
[illegible]-CYMENE	UG/L	<1.0
[illegible]	UG/L	<2.0

ANALYSIS : PURGE

OTHER VOLATILES : : NOT DETECTED
DATE-TIME ANALYZED : 09/11/89 17:55:00
ANALYST : : R. SUTTON

ANALYSIS : AG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SILVER MG/L : <0.010
DATE - TIME ANALYZED : 09/29/89 09:00:00
ANALYST : : L. BLACKWELL

LYSIS : NA

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SODIUM MG/L : <15.0
DATE - TIME ANALYZED : 08/07/89 20:51:00
ANALYST : : L. BLACKWELL

STATUS REPORT - SAMPLE NUMBER : 39082121

SAMPLE NUMBER : 39082121
STATUS OF SAMPLE : C8 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED : 08/30/89 16:10:35 MODIFIED : 10/10/89 15:34:37
DAYS : 041 DATE PROMISED : 09/29/89
PRIORITIZATION : 5
PROJECT CODE : INORG
SUBMITTER : HRS DUVAL CPHU
CHARGE NUMBER :
MATRIX : WATER
DATE-TIME COLLECTED : 08/30/89 13:45:00
DATE RECEIVED : 08/30/89
COLLECTED BY : G.PEWLOWICZ
SAMPLE NAME : R.W.HANLON/W.E.IN THR
SAMPLE ADDRESS : 5404 MALAGA AVE.
CITY :
STATE : FL
ZIP :
COUNTY : DUVAL
HRS DISTRICT :
DER DISTRICT :
LATITUDE :
LONGITUDE :
[illegible] R SYSTEM : 43
COMP / RECHK / OTHER : 3
SYSTEM ID :
RAW / TREATED : R
FIELD PH :
FIELD CONDUCTIVITY :
FIELD CHLORINE :
TEMPERATURE :
CODE TYPE :
CODE :
CODE TYPE :
CODE :
COMMENT :
COMMENT :

ANALYSIS	DESCRIPTION
ICP	ICP / EPA METHOD 200.7
AS	ARSENIC / EPA 206.2
PB	LEAD / EPA METHOD 239.2
CD	CADMIUM / EPA 213.2
SE	SELENIUM / EPA 270.2
HG	MERCURY / EPA 245.1
IONCH	ANIONS BY ION CHROMATOGRAPHY / EPA 300.0
F	FLUORIDE / EPA 341.2
[illegible] E	PURGEABLES / GC/MS / EPA 524.1 OR 524.2
[illegible]	SILVER / EPA METHOD 272.2
NA	SODIUM / EPA METHOD 273.1

ANALYSIS : ICP

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ZINC	MG/L	<0.500
BARIUM	MG/L	<0.100
MANGANESE	MG/L	<0.0050
IRON	MG/L	0.050
CHROMIUM	MG/L	<0.0050
CALCIUM	MG/L	25.9
MAGNESIUM	MG/L	15.6
COPPER	MG/L	<0.100

DATE - TIME ANALYZED : 09/14/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : AS

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ARSENIC MG/L : <0.0020
DATE - TIME ANALYZED : 09/11/89 01:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : PB

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ANALYSIS : PB

LEAD MG/L : <0.010
DATE - TIME ANALYZED : 09/08/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : CD

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CADMIUM MG/L : <0.0020
DATE - TIME ANALYZED : 09/07/89 04:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : SE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SELENIUM MG/L : <0.0020
DATE - TIME ANALYZED : 09/20/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : HG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

MERCURY MG/L : <0.00020
DATE - TIME ANALYZED : 09/22/89 14:30:00
ANALYST : : N. MACEWEN

ANALYSIS : IONCH

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLORIDE MG/L : 6.57
NITRATE AS N MG/L : <0.100
SULFATE AS SO4 MG/L : 66.0
DATE - TIME ANALYZED : 08/31/89 11:06:00
ANALYST : : T. STOUTER

ANALYSIS : F

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE AS F MG/L : 0.52
DATE - TIME ANALYZED : 08/31/89 13:29:00
ANALYST : : P. SNEED

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLOROMETHANE	UG/L	<1.0
METHYL BROMIDE	UG/L	<1.0
VINYL CHLORIDE	UG/L	<1.0
CHLOROETHANE	UG/L	<1.0
M'LENE CHLORIDE	UG/L	<1.0
DIC'DIF'METHANE	UG/L	<10.
ACROLEIN	UG/L	<25.
ACRYLONITRILE	UG/L	<25.
TRIC'F'METHANE	UG/L	<1.0
1,1-DIC'ETHENE	UG/L	<0.50
1,1-DIC'ETHANE	UG/L	<1.0
1,2-DIC'ETHENE	UG/L	<0.50
CHLOROFORM	UG/L	<0.60
1,2-DIC'ETHANE	UG/L	<1.0
TRIC'ETHANE	UG/L	<0.50
CARBON TETRACL	UG/L	<0.60
BRO'DIC'METHANE	UG/L	<0.75
1,2-DIC'PROPANE	UG/L	<0.40
1,3-DIC'PROPENE	UG/L	<1.0
TRICHLOROETHENE	UG/L	<0.50
BENZENE	UG/L	<0.40
C'DIBRO'METHANE	UG/L	<0.90
112-TRIC'ETHANE	UG/L	<0.50
EDB	UG/L	<1.0
2C'ET'VIN'ETHER	UG/L	<50.
BROMOFORM	UG/L	<1.0
1122-T'C'ETHANE	UG/L	<0.60
TETRACHL'ETHENE	UG/L	<1.0
TOLUENE	UG/L	<1.0
CHLOROBENZENE	UG/L	<1.0
ETHYLBENZENE	UG/L	<1.0
CUMENE	UG/L	<1.0
STYRENE	UG/L	<0.50
TOTAL XYLENES	UG/L	<1.0
PROPYLBENZENE	UG/L	<1.0
m-DICHL'BENZENE	UG/L	<0.50
p-DICHL'BENZENE	UG/L	<1.0
o-DICHL'BENZENE	UG/L	<1.0
124-T'M'BENZENE	UG/L	NS
-CYMENE	UG/L	<1.0
	UG/L	<2.0

ANALYSIS : PURGE

OTHER VOLATILES : : NOT DETECTED
DATE-TIME ANALYZED : 09/11/89 19:56:00
ANALYST : : R. SUTTON

ANALYSIS : AG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SILVER MG/L : <0.010
DATE - TIME ANALYZED : 09/29/89 09:00:00
ANALYST : : L. BLACKWELL

YSIS : NA

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SODIUM MG/L : <15.0
DATE - TIME ANALYZED : 09/14/89 09:00:00
ANALYST : : L. BLACKWELL

STATUS REPORT - SAMPLE NUMBER : 89082122

SAMPLE NUMBER : 89082122
STATUS OF SAMPLE : 08 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED : 08/30/89 16:11:33 MODIFIED : 10/10/89 15:34:38
DAYS : 041 DATE PROMISED : 09/29/89
PRIORITIZATION : 5
PROJECT CODE : INORG
SUBMITTER : HRS DUVAL CPHU
CHARGE NUMBER :
MATRIX : WATER
DATE-TIME COLLECTED : 08/30/89 14:35:00
DATE RECEIVED : 08/30/89
COLLECTED BY : G.PEWLOWICZ
SAMPLE NAME : MR.MOSMAN/H.B.AT THE BACK OF HOUSE
SAMPLE ADDRESS : 6303 MALAGA
CITY :
STATE : FL
ZIP :
COUNTY : DUVAL
HRS DISTRICT :
DER DISTRICT :
LATITUDE :
[illegible] ITUDE :
[illegible]_R SYSTEM : 43
COMP / RECHK / OTHER : 3
SYSTEM ID :
RAW / TREATED : R
FIELD PH :
FIELD CONDUCTIVITY :
FIELD CHLORINE :
TEMPERATURE :
CODE TYPE :
CODE :
CODE TYPE :
CODE :
COMMENT : MCL VIOLATION FOR IRON
COMMENT :

ANALYSIS	DESCRIPTION
ICP	ICP / EPA METHOD 200.7
AS	ARSENIC / EPA 206.2
PB	LEAD / EPA METHOD 239.2
CD	CADMIUM / EPA 213.2
SE	SELENIUM / EPA 270.2
HG	MERCURY / EPA 245.1
IONCH	ANIONS BY ION CHROMATOGRAPHY / EPA 300.0
F	FLUORIDE / EPA 341.2
[illegible] E	PURGEABLES / GC/MS / EPA 524.1 OR 524.2
AG	SILVER / EPA METHOD 272.2
NA	SODIUM / EPA METHOD 273.1

ANALYSIS : ICP

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ZINC	MG/L	<0.500
BARIUM	MG/L	<0.100
MANGANESE	MG/L	0.017
IRON	MG/L	0.616
CHROMIUM	MG/L	<0.0050
CALCIUM	MG/L	33.2
MAGNESIUM	MG/L	17.6
COPPER	MG/L	<0.100

DATE - TIME ANALYZED : 09/14/89 09:00:00
ANALYST : : : L. BLACKWELL

ANALYSIS : AS

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ARSENIC MG/L : <0.0020
DATE - TIME ANALYZED : 09/11/89 01:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : PB

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ANALYSIS : PB

LEAD MG/L : <0.010
DATE - TIME ANALYZED : 09/09/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : CD

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CADMIUM MG/L : <0.0020
DATE - TIME ANALYZED : 09/25/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : SE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SELENIUM MG/L : <0.0020
DATE - TIME ANALYZED : 09/20/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : HG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

MERCURY MG/L : <0.00020
DATE - TIME ANALYZED : 09/22/89 14:30:00
ANALYST : : N. MACEWEN

ANALYSIS : IONCH

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLORIDE MG/L : 6.89
NITRATE AS N MG/L : <0.100
SULFATE AS SO4 MG/L : 64.2
DATE - TIME ANALYZED : 08/31/89 11:19:00
ANALYST : : T. STOUTER

ANALYSIS : F

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE AS F MG/L : 0.60
DATE - TIME ANALYZED : 08/31/89 13:29:00
ANALYST : : P. SNEED

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLOROMETHANE	UG/L	:	<1.0
METHYL BROMIDE	UG/L	:	<1.0
VINYL CHLORIDE	UG/L	:	<1.0
CHLOROETHANE	UG/L	:	<1.0
M'LENE CHLORIDE	UG/L	:	<1.0
DIC'DIF'METHANE	UG/L	:	<10.
ACROLEIN	UG/L	:	<25.
ACRYLONITRILE	UG/L	:	<25.
TRIC'F'METHANE	UG/L	:	<1.0
1,1-DIC'ETHENE	UG/L	:	<0.50
1,1-DIC'ETHANE	UG/L	:	<1.0
1,2-DIC'ETHENE	UG/L	:	<0.50
CHLOROFORM	UG/L	:	<0.60
1[illegible] DIC'ETHANE	UG/L	:	<1.0
[illegible] TRIC'ETHANE	UG/L	:	<0.50
CARBON TETRACL	UG/L	:	<0.60
BRO'DIC'METHANE	UG/L	:	<0.75
1,2-DIC'PROPANE	UG/L	:	<0.40
1,3-DIC'PROPENE	UG/L	:	<1.0
TRICHLOROETHENE	UG/L	:	<0.50
BENZENE	UG/L	:	<0.40
C'DIBRO'METHANE	UG/L	:	<0.90
112-TRIC'ETHANE	UG/L	:	<0.50
EDB	UG/L	:	<1.0
2C'ET'VIN'ETHER	UG/L	:	<50.
BROMOFORM	UG/L	:	<1.0
1122-T'C'ETHANE	UG/L	:	<0.60
TETRACHL'ETHENE	UG/L	:	<1.0
TOLUENE	UG/L	:	<1.0
CHLOROBENZENE	UG/L	:	<1.0
ETHYLBENZENE	UG/L	:	<1.0
CUMENE	UG/L	:	<1.0
STYRENE	UG/L	:	<0.50
TOTAL XYLENES	UG/L	:	<1.0
PROPYLBENZENE	UG/L	:	<1.0
m-DICHL'BENZENE	UG/L	:	<0.50
p-DICHL'BENZENE	UG/L	:	<1.0
o-DICHL'BENZENE	UG/L	:	<1.0
124-T'M'BENZENE	UG/L	:	NS
[illegible] 'CYMENE	UG/L	:	<1.0
[illegible]E	UG/L	:	<2.0

ANALYSIS : PURGE

OTHER VOLATILES : : NOT DETECTED
DATE-TIME ANALYZED : 09/11/89 20:56:00
ANALYST : : R. SUTTON

ANALYSIS : AG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SILVER MG/L : <0.010
DATE - TIME ANALYZED : 09/29/89 09:00:00
ANALYST : : L. BLACKWELL

_YSIS : NA

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SODIUM MG/L : <15.0
DATE - TIME ANALYZED : 09/14/89 09:00:00
ANALYST : : L. BLACKWELL

State of Florida
Department of Health and Rehabilitative Services
Office of Laboratory Services
P. O. Box 210
Jacksonville, Florida 32231

Submitting Agency: DCPW
Address: 515 W Sixth St
Lake, FL

DRINKING WATER CHEMICAL ANALYSIS

System Name: [illegible] County: Dixie Collector: [illegible]

Address: 3443 Nightingale System I.D. No.: DER District: 11

Sample Site: [illegible] Raw or Treated: T Temperature:

Date and Time Collected: 1/30 [illegible] Field Chlorine, mg/l: Field pH:

Circle one: 40. Community public water system 41. Non-community public water system 42. Other public water system 43. Private water system

Circle one: 1. Compliance 2. Recheck 3. Other (indicate below parameters to be tested for items 2 or 3).

[illegible] next to the water [illegible] PURGEABLES Inorg

PRIMARY STANDARDS			SECONDARY STANDARDS			GENERAL	
PARAMETER	METHOD†	RESULT**	PARAMETER	METHOD†	RESULT**	PARAMETER	RESULT**
Arsenic as As			Chloride as Cl			Total Hardness as $CaCO_3$ (c)	
Barium as Ba			Color*			Total Alkalinity as $CaCO_3$	
Cadmium as Cd			Copper as Cu			N.C.H. as $CaCO_3$ (c)	
Chromium as Cr			Corrosivity*			Bicarbonate as HCO_3 (c)	
[illegible] as Pb			Foaming Agents			Calcium as Ca	
[illegible]ercury as Hg			H_2S			Magnesium as Mg	
Selenium as Se			Iron as Fe			Carbon Dioxide as CO_2 (c)	
Silver as Ag			Manganese as Mn			Bicarbonate as $CaCO_3$ (c)	
Nitrate as N			Odor*			Carbonate as $CaCO_3$ (c)	
Fluoride as F			pH*			Hydroxide as $CaCO_3$ (c)	
Turbidity,* NTU			Sulfate as SO_4			Sodium as Na	
			TDS				
Endrin			Zinc as Zn			pHs* (c)	
Lindane						Stability Index* 2pHs-pH (c)	
Methoxychlor						Saturation Index* pH-pHs (c)	
Toxaphene						INTERPRETATION: Stable	
2, 4-D						Corrosive	
2, 4-5 TP Silvex						Scale Forming	
Trihalomethanes			DER reviewer:				
			Action required:				

Note: *All results in mg/liter except those denoted
†List of methods available on request

(c) = Calculated value
**BDL = Below detection limit, see reverse side

Date and Time Received:

Laboratory I.D. No.:

Date Reported:

Remarks:

[illegible]:

[illegible]

HRS Form 1125, May 79 (Obsoletes HRS(TEST) Form 32)

State of Florida
Department of Health and Rehabilitative Services
Office of Laboratory Services
P. O. Box 210
Jacksonville, Florida 32231

Submitting Agency _____

Address _____

DRINKING WATER CHEMICAL ANALYSIS

System Name: _____ County: _____ Collector: _____

Address _____ System I.D. No.: _____ DER District _____

Sample Site: _____ Raw or Treated: _____ Temperature _____

Date and Time Collected: _____ Field Chlorine, mg/l: _____ Field pH: _____

Circle one: 40. Community public water system 41. Non-community public water system 42. Other public water system 43. Private water system

Circle one: 1. Compliance 2. Recheck 3. Other (indicate below parameters to be tested for items 2 or 3).

Inorg
PURGEABLES

PRIMARY STANDARDS			SECONDARY STANDARDS			GENERAL	
PARAMETER	METHOD†	RESULT**	PARAMETER	METHOD†	RESULT**	PARAMETER	RESULT**
Arsenic as As			Chloride as Cl			Total Hardness as $CaCO_3$ (c)	
Barium as Ba			Color*			Total Alkalinity as $CaCO_3$	
Cadmium as Cd			Copper as Cu			N.C.H. as $CaCO_3$ (c)	
Chromium as Cr			Corrosivity*			Bicarbonate as HCO_3 (c)	
[illegible]d as Pb			Foaming Agents			Calcium as Ca	
[illegible]cury as Hg			H_2S			Magnesium as Mg	
Selenium as Se			Iron as Fe			Carbon Dioxide as CO_2 (c)	
Silver as Ag			Manganese as Mn			Bicarbonate as $CaCO_3$ (c)	
Nitrate as N			Odor*			Carbonate as $CaCO_3$ (c)	
Fluoride as F			pH*			Hydroxide as $CaCO_3$ (c)	
Turbidity,* NTU			Sulfate as SO_4			Sodium as Na	
			TDS				
Endrin			Zinc as Zn			pHs* (c)	
Lindane						Stability Index* 2pHs-pH (c)	
Methoxychlor						Saturation Index* pH-pHs (c)	
Toxaphene						INTERPRETATION: Stable	
2, 4-D						Corrosive	
2, 4-5 TP Silvex						Scale Forming	
Trihalomethanes			DER reviewer:				
			Action required:				

Note: *All results in mg/liter except those denoted
†List of methods available on request

(c) = Calculated value
**BDL = Below detection limit, see reverse side

Date and Time Received: _____ Laboratory I.D. No.: _____

Date Reported: _____ Remarks:

[illegible]ts: _____

HRS Form 1125, May 79 (Obsoletes HRS(TEST) Form 32)

State of Florida
Department of Health and Rehabilitative Services
Office of Laboratory Services
P. O. Box 210
Jacksonville, Florida 32231

Submitting Agency DCPHU
Address 515 W Sixth St
Lox, FL

DRINKING WATER CHEMICAL ANALYSIS

System Name: R. W. HANLON
County: Duval
Collector: [illegible]
Address 8404 MALAGA Ave
System I.D. No.:
DER District 1
Sample Site: [illegible]
Raw or Treated:
Temperature
Date and Time Collected: 5/30/79 1:45
Field Chlorine, mg/l:
Field pH:

Circle one: 40. Community public water system 41. Non-community public water system 42. Other public water system 43. Private water system

Circle one: 1. Compliance 2. Recheck 3. Other (indicate below parameters to be tested for items 2 or 3).

PURGEABLES
Trihaly.

orthemian

PRIMARY STANDARDS			SECONDARY STANDARDS			GENERAL	
PARAMETER	METHOD†	RESULT**	PARAMETER	METHOD†	RESULT**	PARAMETER	RESULT**
Arsenic as As			Chloride as Cl			Total Hardness as $CaCO_3$ (c)	
Barium as Ba			Color*			Total Alkalinity as $CaCO_3$	
Cadmium as Cd			Copper as Cu			N.C.H. as $CaCO_3$ (c)	
Chromium as Cr			Corrosivity*			Bicarbonate as HCO_3 (c)	
[illegible]d as Pb			Foaming Agents			Calcium as Ca	
[illegible]rcury as Hg			H_2S			Magnesium as Mg	
Selenium as Se			Iron as Fe			Carbon Dioxide as CO_2 (c)	
Silver as Ag			Manganese as Mn			Bicarbonate as $CaCO_3$ (c)	
Nitrate as N			Odor*			Carbonate as $CaCO_3$ (c)	
Fluoride as F			pH*			Hydroxide as $CaCO_3$ (c)	
Turbidity,* NTU			Sulfate as SO_4			Sodium as Na	
			TDS				
Endrin			Zinc as Zn			pHs* (c)	
Lindane						Stability Index* 2pHs-pH (c)	
Methoxychlor						Saturation Index* pH-pHs (c)	
Toxaphene						INTERPRETATION: Stable	
2, 4-D						Corrosive	
2, 4-5 TP Silvex						Scale Forming	
Trihalomethanes			DER reviewer:				
			Action required:				

Note: *All results in mg/liter except those denoted
†List of methods available on request

(c) = Calculated value
**BDL = Below detection limit, see reverse side

Date and Time Received:
Laboratory I.D. No.:
Date Reported:
Remarks:
sts:

[illegible]

HRS Form 1125, May 79 (Obsoletes HRS(TEST) Form 32)

State of Florida
Department of Health and Rehabilitative Services
Office of Laboratory Services
P. O. Box 210
Jacksonville, Florida 32231

Submitting Agency [illegible]

Address [illegible]

DRINKING WATER CHEMICAL ANALYSIS

System Name: Mr Mosman Mosman County: [illegible] Collector: [illegible]

Address 8303 Malaga System I.D. No.: DER District 11

Sample Site: [illegible] Raw or Treated: Temperature

Date and Time Collected: [illegible] Field Chlorine, mg/l: Field pH:

Circle one: 40. Community public water system 41. Non-community public water system 42. Other public water system 43. Private water system

Circle one: 1. Compliance 2. Recheck 3. Other (indicate below parameters to be tested for items 2 or 3).

noticable yellow [illegible]

PURGEABLES
Inorg.

PRIMARY STANDARDS			SECONDARY STANDARDS			GENERAL	
PARAMETER	METHOD†	RESULT**	PARAMETER	METHOD†	RESULT**	PARAMETER	RESULT**
Arsenic as As			Chloride as Cl			Total Hardness as $CaCO_3$ (c)	
Barium as Ba			Color*			Total Alkalinity as $CaCO_3$	
Cadmium as Cd			Copper as Cu			N.C.H. as $CaCO_3$ (c)	
Chromium as Cr			Corrosivity*			Bicarbonate as HCO_3 (c)	
[illegible] as Pb			Foaming Agents			Calcium as Ca	
[illegible]cury as Hg			H_2S			Magnesium as Mg	
Selenium as Se			Iron as Fe			Carbon Dioxide as CO_2 (c)	
Silver as Ag			Manganese as Mn			Bicarbonate as $CaCO_3$ (c)	
Nitrate as N			Odor*			Carbonate as $CaCO_3$ (c)	
Fluoride as F			pH*			Hydroxide as $CaCO_3$ (c)	
Turbidity,* NTU			Sulfate as SO_4			Sodium as Na	
			TDS				
Endrin			Zinc as Zn			pHs* (c)	
Lindane						Stability Index* 2pHs-pH (c)	
Methoxychlor						Saturation Index* pH-pHs (c)	
Toxaphene						INTERPRETATION: Stable	
2, 4-D						Corrosive	
2, 4-5 TP Silvex						Scale Forming	
Trihalomethanes			DER reviewer:				
			Action required:				

Note: *All results in mg/liter except those denoted
†List of methods available on request

(c) = Calculated value
**BDL = Below detection limit, see reverse side

Date and Time Received: Laboratory I.D. No.:

Date Reported: Remarks:

By:

HRS Form 1125, May 79 (Obsoletes HRS(TEST) Form 32)

ANALYSIS REPORT

FLORIDA DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES
OFFICE OF LABORATORY SERVICES
P. O. BOX 210
JACKSONVILLE, FLORIDA 32231

LABORATORY ID 12001

ELDERT C. HARTWIG, JR., SC.D., M.P.H.
LABORATORY SERVICES ADMINISTRATOR
(904) 359-6145
SUN COM 826-6145

Received
SEP 12 1989
Sanitary Engineering Division

ABBREVIATIONS AND SYMBOLS USED:

(1) NS = ANALYTE NOT SCREENED
(2) EXP = ANALYSIS EXPIRED BEFORE COMPLETION
(3) BDL = BELOW DETECTION LIMIT
(4) ? = ILLEGIBLE INFORMATION ON SUBMISSION FORM
(5) KG = KILOGRAM
(6) G = GRAM
(7) MG = MILLIGRAM
(8) UG = MICROGRAM
(9) NG = NANOGRAM
(10) L = LITER
(11) DL = DECILITER
(12) ML = MILLILITER
(13) UL = MICROLITER
(14) CU C = CUBIC CENTIMETER
(15) CU M = CUBIC METER
(16) UMHO = MICROMHO
(17) M = METER
(18) CM = CENTIMETER
(19) < = LESS THAN
(20) > = GREATER THAN
(21) % = PERCENT

MAILED
SEP 8 1989
HRS Office of Laboratory Services
ENVIRONMENTAL CHEMISTRY

NOTE: ON FEBRUARY 1, 1988, THE HRS OFFICE OF LABORATORY SERVICES ENVIRONMENTAL CHEMISTRY PROGRAM IMPLEMENTED A NEW LABORATORY INFORMATION MANAGEMENT SYSTEM (LIMS). THE NEW LIMS WILL INCREASE LABORATORY EFFICIENCY AND WILL OFFER OUR CLIENTS THE OPTION OF ON-LINE RETRIEVAL OF INFORMATION ON SAMPLES SUBMITTED TO OUR FACILITY.

THE ENCLOSED ANALYSIS REPORT IS A PRODUCT OF THE NEW LIMS. ITS FORMAT IS CURRENTLY UNDER REVISION AND WILL BE MODIFIED IN THE NEAR FUTURE. OUR GOAL IS TO MAKE THE ANALYSIS REPORT FORM AS COMPLETE AND USEFUL AS POSSIBLE. PLEASE ADDRESS ANY QUESTIONS OR COMMENTS TO:

G. W. COPPENGER, PH.D.
(904) 359-6481
SUN COM 826-6481

HRS OFFICE OF LABORATORY SERVICES / LAB ID 12001

09/07/89 13:06 PAGE 1

STATUS REPORT - SAMPLE NUMBER : 89080604

SAMPLE NUMBER	: 89080604
STATUS OF SAMPLE	: 08 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED	: 08/09/89 15:08:25 MODIFIED : 09/07/89 12:59:38
DAYS	: 029 DATE PROMISED : 09/08/89
PRIORITIZATION	: 5
PROJECT CODE	:
SUBMITTER	: HRS DUVAL CPHU
CHARGE NUMBER	:
MATRIX	: WATER
DATE-TIME COLLECTED	: 08/09/89 00:00:00
DATE RECEIVED	: 08/09/89
COLLECTED BY	:
SAMPLE NAME	: FIELD BLANK/PURGEABLES
SAMPLE ADDRESS	:
CITY	:
STATE	: FL
ZIP	:
COUNTY	:
HRS DISTRICT	:
DER DISTRICT	:
LATITUDE	:
LONGITUDE	:
[illegible]ER SYSTEM	:
[illegible]MP / RECHK / OTHER	:
SYSTEM ID	:
RAW / TREATED	:
FIELD PH	:
FIELD CONDUCTIVITY	:
FIELD CHLORINE	:
TEMPERATURE	:
CODE TYPE	:
CODE	:
CODE TYPE	:
CODE	:
COMMENT	:
COMMENT	:

ANALYSIS	DESCRIPTION
PURGE	PURGEABLES / GC/MS / EPA 524.1 OR 524.2

ANALYSIS	: PURGE
DATE-TIME EXP / EXT	:
DATE-TIME EXP / ANL	:
[illegible]-TIME EXTRACTED	:
[illegible]E-TIME ANALYZED	:

ANALYSIS : PURGE

CONDITIONS :

CHLOROMETHANE	UG/L	:	NS
METHYL BROMIDE	UG/L	:	NS
VINYL CHLORIDE	UG/L	:	NS
CHLOROETHANE	UG/L	:	NS
M'LENE CHLORIDE	UG/L	:	NS
DIC'DIF'METHANE	UG/L	:	NS
ACROLEIN	UG/L	:	NS
ACRYLONITRILE	UG/L	:	NS
TRIC'F'METHANE	UG/L	:	NS
1,1-DIC'ETHENE	UG/L	:	NS
1,1-DIC'ETHANE	UG/L	:	NS
1,2-DIC'ETHENE	UG/L	:	NS
CHLOROFORM	UG/L	:	NS
1,2-DIC'ETHANE	UG/L	:	NS
111-TRIC'ETHANE	UG/L	:	NS
CARBON TETRACL	UG/L	:	NS
BRO'DIC'METHANE	UG/L	:	NS
1,2-DIC'PROPANE	UG/L	:	NS
[illegible] DIC'PROPENE	UG/L	:	NS
[illegible]CHLOROETHENE	UG/L	:	NS
BENZENE	UG/L	:	NS
C'DIBRO'METHANE	UG/L	:	NS
112-TRIC'ETHANE	UG/L	:	NS
EDB	UG/L	:	NS
2C'ET'VIN'ETHER	UG/L	:	NS
BROMOFORM	UG/L	:	NS
1122-T'C'ETHANE	UG/L	:	NS
TETRACHL'ETHENE	UG/L	:	NS
TOLUENE	UG/L	:	NS
CHLOROBENZENE	UG/L	:	NS
ETHYLBENZENE	UG/L	:	NS
CUMENE	UG/L	:	NS
STYRENE	UG/L	:	NS
TOTAL XYLENES	UG/L	:	NS
PROPYLBENZENE	UG/L	:	NS
m-DICHL'BENZENE	UG/L	:	NS
p-DICHL'BENZENE	UG/L	:	NS
o-DICHL'BENZENE	UG/L	:	NS
124-T'M'BENZENE	UG/L	:	NS
para-CYMENE	UG/L	:	NS
MTBE	UG/L	:	NS
OTHER VOLATILES	:	:	NS

DATE-TIME ANALYZED :

A[illegible] 'ST : :

STATUS REPORT - SAMPLE NUMBER : 89080605

SAMPLE NUMBER	: 89080605
STATUS OF SAMPLE	: 08 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED	: 08/09/89 15:09:52 MODIFIED : 09/07/89 12:59:41
DAYS	: 029 DATE PROMISED : 09/08/89
PRIORITIZATION	: 5
PROJECT CODE	: INORG
SUBMITTER	: HRS DUVAL CPHU
CHARGE NUMBER	:
MATRIX	: WATER
DATE-TIME COLLECTED	: 08/09/89 11:15:00
DATE RECEIVED	: 08/09/89
COLLECTED BY	: OLACK
SAMPLE NAME	: AZALEA MHP/RAW TAP AT WELL
SAMPLE ADDRESS	: 6301 ROOSEVELT BLVD.
CITY	:
STATE	: FL
ZIP	:
COUNTY	: DUVAL
HRS DISTRICT	:
DER DISTRICT	:
LATITUDE	:
LONGITUDE	:
[illegible] SYSTEM	: 40
COMP / RECHK / OTHER	: 3
SYSTEM ID	: 2161329
RAW / TREATED	: R
FIELD PH	: 7.5
FIELD CONDUCTIVITY	:
FIELD CHLORINE	:
TEMPERATURE	:
CODE TYPE	:
CODE	:
CODE TYPE	:
CODE	:
COMMENT	:
COMMENT	:

ANALYSIS	DESCRIPTION
ICP	ICP METALS / EPA 200.7
AS	ARSENIC / EPA 206.2
PB	LEAD / EPA 239.2
CD	CADMIUM / EPA 213.2
SE	SELENIUM / EPA 270.2
HG	MERCURY / EPA 245.1
IONCH	ANIONS BY ION CHROMATOGRAPHY / EPA 300.0
F	FLUORIDE / EPA 341.2
[illegible]	PURGEABLES / GC/MS / EPA 524.1 OR 524.2

ANALYSIS : ICP

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ZINC	MG/L	<0.500
BARIUM	MG/L	<0.100
SODIUM	MG/L	<15.0
MANGANESE	MG/L	<0.0050
IRON	MG/L	<0.030
CHROMIUM	MG/L	<0.0050
CALCIUM	MG/L	38.9
SILVER	MG/L	<0.010
MAGNESIUM	MG/L	20.9
COPPER	MG/L	<0.100

DATE - TIME ANALYZED : 08/10/89 09:00:00
ANALYST : L. BLACKWELL

ANALYSIS : AS

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ARSENIC MG/L : <0.0020
DATE - TIME ANALYZED : 08/16/89 09:00:00
ANALYST : L. BLACKWELL

ANALYSIS : PB

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :

ANALYSIS : PB

DATE-TIME ANALYZED :
CONDITIONS :

LEAD MG/L : <0.010
DATE - TIME ANALYZED : 08/10/89 02:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : CD

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CADMIUM MG/L : <0.0020
DATE - TIME ANALYZED : 08/14/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : SE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SELENIUM MG/L : <0.0020
DATE - TIME ANALYZED : 08/15/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : HG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

MERCURY MG/L : <0.00020
DATE - TIME ANALYZED : 08/16/89 10:43:08
ANALYST : : J. SCHMITZ

ANALYSIS : IONCH

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

LORIDE MG/L : 9.72
NITRATE AS N MG/L : EXP
SULFATE AS SO4 MG/L : 70.4
DATE - TIME ANALYZED : 08/18/89 12:37:00
ANALYST : : T. STOUTER

ANALYSIS : F

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE AS F MG/L : 0.55
DATE - TIME ANALYZED : 08/10/89 13:30:40
ANALYST : : J. SCHMITZ

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLOROMETHANE	UG/L	<1.0
METHYL BROMIDE	UG/L	<1.0
VINYL CHLORIDE	UG/L	<1.0
CHLOROETHANE	UG/L	<1.0
M'LENE CHLORIDE	UG/L	<1.0
DIC'DIF'METHANE	UG/L	<10.
ACROLEIN	UG/L	<25.
ACRYLONITRILE	UG/L	<25.
TRIC'F'METHANE	UG/L	<1.0
1,1-DIC'ETHENE	UG/L	<0.50
1,1-DIC'ETHANE	UG/L	<1.0
1,2-DIC'ETHENE	UG/L	<0.50
CHLOROFORM	UG/L	<0.60
1,2-DIC'ETHANE	UG/L	<1.0
[illegible]-TRIC'ETHANE	UG/L	<0.50
[illegible]RBON TETRACL	UG/L	<0.60
BRO'DIC'METHANE	UG/L	<0.75
1,2-DIC'PROPANE	UG/L	<0.40
1,3-DIC'PROPENE	UG/L	<1.0
TRICHLOROETHENE	UG/L	<0.50
BENZENE	UG/L	<0.40
C'DIBRO'METHANE	UG/L	<0.90
112-TRIC'ETHANE	UG/L	<0.50
EDB	UG/L	<1.0
2C'ET'VIN'ETHER	UG/L	<50.
BROMOFORM	UG/L	<1.0
1122-T'C'ETHANE	UG/L	<0.60
TETRACHL'ETHENE	UG/L	<1.0
TOLUENE	UG/L	<1.0
CHLOROBENZENE	UG/L	<1.0
ETHYLBENZENE	UG/L	<1.0
CUMENE	UG/L	<1.0
STYRENE	UG/L	<0.50
TOTAL XYLENES	UG/L	<1.0
PROPYLBENZENE	UG/L	<1.0
m-DICHL'BENZENE	UG/L	<0.50
p-DICHL'BENZENE	UG/L	<1.0
o-DICHL'BENZENE	UG/L	<1.0
124-T'M'BENZENE	UG/L	<1.0
[illegible]-CYMENE	UG/L	<1.0
[illegible]	UG/L	<2.0

ANALYSIS : PURGE

OTHER VOLATILES : : NOT DETECTED
DATE-TIME ANALYZED : 08/21/89 15:26:00
ANALYST : : J. SHOEMAKER

STATUS REPORT - SAMPLE NUMBER : 89080606

SAMPLE NUMBER	: 89080606
STATUS OF SAMPLE	: 08 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED	: 08/09/89 15:12:44 MODIFIED : 09/07/89 12:59:41
DAYS	: 029 DATE PROMISED : 09/08/89
PRIORITIZATION	: 5
PROJECT CODE	: INORG
SUBMITTER	: HRS DUVAL CPHU
CHARGE NUMBER	:
MATRIX	: WATER
DATE-TIME COLLECTED	: 08/09/89 12:00:00
DATE RECEIVED	: 08/09/89
COLLECTED BY	: OLACK
SAMPLE NAME	: HOLMES LUMBER CO./RAW TAP AT WELL PUMP
SAMPLE ADDRESS	: 6550 ROOSEVELT BLVD.
CITY	:
STATE	: FL
ZIP	:
COUNTY	: DUVAL
HRS DISTRICT	:
DER DISTRICT	:
LATITUDE	:
LONGITUDE	:
[illegible]R SYSTEM	: 41
[illegible]MP / RECHK / OTHER	: 3
SYSTEM ID	: 2160505
RAW / TREATED	: R
FIELD PH	: 7.3
FIELD CONDUCTIVITY	:
FIELD CHLORINE	:
TEMPERATURE	:
CODE TYPE	:
CODE	:
CODE TYPE	:
CODE	:
COMMENT	:
COMMENT	:

ANALYSIS	DESCRIPTION
ICP	ICP METALS / EPA 200.7
AS	ARSENIC / EPA 206.2
PB	LEAD / EPA 239.2
CD	CADMIUM / EPA 213.2
SE	SELENIUM / EPA 270.2
HG	MERCURY / EPA 245.1
IONCH	ANIONS BY ION CHROMATOGRAPHY / EPA 300.0
F	FLUORIDE / EPA 341.2
[illegible]E	PURGEABLES / GC/MS / EPA 524.1 OR 524.2

ANALYSIS REPORT

FLORIDA DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES
OFFICE OF LABORATORY SERVICES
P. O. BOX 210
JACKSONVILLE, FLORIDA 32231

LABORATORY ID 12001

ELDERT C. HARTWIG, JR., SC.D., M.P.H.
LABORATORY SERVICES ADMINISTRATOR
(904) 359-6145
SUN COM 826-6145

Received
OCT 18 1989
Sanitary Engineering Division

ABBREVIATIONS AND SYMBOLS USED:

(1) NS = ANALYTE NOT SCREENED
(2) EXP = ANALYSIS EXPIRED BEFORE COMPLETION
(3) BDL = BELOW DETECTION LIMIT
(4) ? = ILLEGIBLE INFORMATION ON SUBMISSION FORM
(5) KG = KILOGRAM
(6) G = GRAM
(7) MG = MILLIGRAM
(8) UG = MICROGRAM
(9) NG = NANOGRAM
(10) L = LITER
(11) DL = DECILITER
(12) ML = MILLILITER
(13) UL = MICROLITER
(14) CU C = CUBIC CENTIMETER
(15) CU M = CUBIC METER
(16) UMHO = MICROMHO
(17) M = METER
(18) CM = CENTIMETER
(19) < = LESS THAN
(20) > = GREATER THAN
(21) % = PERCENT

MAILED
OCT 17 1989
HRS Office of Laboratory Services
ENVIRONMENTAL CHEMISTRY

NOTE: ON FEBRUARY 1, 1988, THE HRS OFFICE OF LABORATORY SERVICES ENVIRONMENTAL CHEMISTRY PROGRAM IMPLEMENTED A NEW LABORATORY INFORMATION MANAGEMENT SYSTEM (LIMS). THE NEW LIMS WILL INCREASE LABORATORY EFFICIENCY AND WILL OFFER OUR CLIENTS THE OPTION OF ON-LINE RETRIEVAL OF INFORMATION ON SAMPLES SUBMITTED TO OUR FACILITY.

THE ENCLOSED ANALYSIS REPORT IS A PRODUCT OF THE NEW LIMS. ITS FORMAT IS CURRENTLY UNDER REVISION AND WILL BE MODIFIED IN THE NEAR FUTURE. OUR GOAL IS TO MAKE THE ANALYSIS REPORT FORM AS COMPLETE AND USEFUL AS POSSIBLE. PLEASE ADDRESS ANY QUESTIONS OR COMMENTS TO:

G. W. COPPENGER, PH.D.
(904) 359-6451
SUN COM 826-6451

HRS OFFICE OF LABORATORY SERVICES / LAB ID 12001

10/16/89 12:52 PAGE 1

STATUS REPORT - SAMPLE NUMBER : 89090633

SAMPLE NUMBER : 89090633
STATUS OF SAMPLE : 08 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED : 09/13/89 15:13:25 MODIFIED : 10/15/89 17:20:17
DAYS : 033 DATE PROMISED : 10/13/89
PRIORITIZATION : 5
PROJECT CODE :
SUBMITTER : HRS DUVAL CPHU
CHARGE NUMBER :
MATRIX : WATER
DATE-TIME COLLECTED : 09/13/89 00:00:00
DATE RECEIVED : 09/13/89
COLLECTED BY :
SAMPLE NAME : FIELD BLANK/PURGEABLES
SAMPLE ADDRESS :
CITY :
STATE : FL
ZIP :
COUNTY :
HRS DISTRICT :
DER DISTRICT :
LATITUDE :
LONGITUDE :
WATER SYSTEM :
COMP / RECHK / OTHER :
SYSTEM ID :
RAW / TREATED :
FIELD PH :
FIELD CONDUCTIVITY :
FIELD CHLORINE :
TEMPERATURE :
CODE TYPE :
CODE :
CODE TYPE :
CODE :
COMMENT :
COMMENT :

ANALYSIS	DESCRIPTION
PURGE	PURGEABLES / GC/MS / EPA 524.1 OR 524.2

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :

ANALYSIS : PURGE

CONDITIONS :

CHLOROMETHANE	UG/L	:	<1.0
METHYL BROMIDE	UG/L	:	<1.0
VINYL CHLORIDE	UG/L	:	<1.0
CHLOROETHANE	UG/L	:	<1.0
M'LENE CHLORIDE	UG/L	:	<1.0
DIC'DIF'METHANE	UG/L	:	<10.
ACROLEIN	UG/L	:	<25.
ACRYLONITRILE	UG/L	:	<25.
TRIC'F'METHANE	UG/L	:	<1.0
1,1-DIC'ETHENE	UG/L	:	<0.50
1,1-DIC'ETHANE	UG/L	:	<1.0
1,2-DIC'ETHENE	UG/L	:	<0.50
CHLOROFORM	UG/L	:	<0.60
1,2-DIC'ETHANE	UG/L	:	<1.0
111-TRIC'ETHANE	UG/L	:	<0.50
CARBON TETRACL	UG/L	:	<0.60
BRO'DIC'METHANE	UG/L	:	<0.75
1,2-DIC'PROPANE	UG/L	:	<0.40
[illegible]-DIC'PROPENE	UG/L	:	<1.0
[illegible]ICHLOROETHENE	UG/L	:	<0.50
BENZENE	UG/L	:	<0.40
C'DIBRO'METHANE	UG/L	:	<0.90
112-TRIC'ETHANE	UG/L	:	<0.50
EDB	UG/L	:	<1.0
2C'ET'VIN'ETHER	UG/L	:	<50.
BROMOFORM	UG/L	:	<1.0
1122-T'C'ETHANE	UG/L	:	<0.60
TETRACHL'ETHENE	UG/L	:	<1.0
TOLUENE	UG/L	:	<1.0
CHLOROBENZENE	UG/L	:	<1.0
ETHYLBENZENE	UG/L	:	<1.0
CUMENE	UG/L	:	<1.0
STYRENE	UG/L	:	<0.50
TOTAL XYLENES	UG/L	:	<1.0
PROPYLBENZENE	UG/L	:	<1.0
m-DICHL'BENZENE	UG/L	:	<0.50
p-DICHL'BENZENE	UG/L	:	<1.0
o-DICHL'BENZENE	UG/L	:	<1.0
124-T'M'BENZENE	UG/L	:	<1.0
para-CYMENE	UG/L	:	<1.0
MTBE	UG/L	:	<2.0
OTHER VOLATILES :		:	NOT DETECTED
DATE-TIME ANALYZED		:	09/25/89 13:45:00
[illegible]YST :		:	J. SHOEMAKER

STATUS REPORT - SAMPLE NUMBER : 89090634

SAMPLE NUMBER	: 89090634
STATUS OF SAMPLE	: 08 SAMPLE STATUS HIST : 37510000
DATE-TIME ENTERED	: 09/13/89 15:16:05 MODIFIED : 10/15/89 17:20:17
DAYS	: 033 DATE PROMISED : 10/13/89
PRIORITIZATION	: 5
PROJECT CODE	: INORG
SUBMITTER	: HRS DUVAL CPHU
CHARGE NUMBER	:
MATRIX	: WATER
DATE-TIME COLLECTED	: 09/13/89 13:00:00
DATE RECEIVED	: 09/13/89
COLLECTED BY	: G. PAWLOWICZ
SAMPLE NAME	: RESIDENT/WELL BIB
SAMPLE ADDRESS	: 8335 MALAGE AVE
CITY	: JACKSONVILLE
STATE	: FL
ZIP	:
COUNTY	: DUVAL
HRS DISTRICT	:
DER DISTRICT	:
LATITUDE	:
LONGITUDE	:
[illegible]ER SYSTEM	: 43
COMP / RECHK / OTHER	: 3
SYSTEM ID	:
RAW / TREATED	: R
FIELD PH	:
FIELD CONDUCTIVITY	:
FIELD CHLORINE	:
TEMPERATURE	:
CODE TYPE	:
CODE	:
CODE TYPE	:
CODE	:
COMMENT	:
COMMENT	:

ANALYSIS	DESCRIPTION
ICP	ICP / EPA METHOD 200.7
AS	ARSENIC / EPA 206.2
PB	LEAD / EPA METHOD 239.2
CD	CADMIUM / EPA 213.2
SE	SELENIUM / EPA 270.2
HG	MERCURY / EPA 245.1
IONCH	ANIONS BY ION CHROMATOGRAPHY / EPA 300.0
F	FLUORIDE / EPA 341.2
[illegible]E	PURGEABLES / GC/MS / EPA 524.1 OR 524.2
	SILVER / EPA METHOD 272.2
NA	SODIUM / EPA METHOD 273.1

ANALYSIS : ICP

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ZINC	MG/L	<0.500
BARIUM	MG/L	<0.100
MANGANESE	MG/L	<0.0050
IRON	MG/L	<0.030
CHROMIUM	MG/L	<0.0050
CALCIUM	MG/L	39.6
MAGNESIUM	MG/L	17.6
COPPER	MG/L	<0.100

DATE - TIME ANALYZED : 09/19/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : AS

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ARSENIC MG/L : <0.0020
DATE - TIME ANALYZED : 09/21/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : PB

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ANALYSIS : PB

LEAD MG/L : <0.010
DATE - TIME ANALYZED : 09/14/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : CD

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CADMIUM MG/L : <0.0020
DATE - TIME ANALYZED : 09/25/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : SE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SELENIUM MG/L : <0.0020
DATE - TIME ANALYZED : 10/06/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : HG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

MERCURY MG/L : <0.00020
DATE - TIME ANALYZED : 09/15/89 10:00:00
ANALYST : : M. MACEWEN

ANALYSIS : IONCH

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLORIDE MG/L : 7.14
NITRATE AS N MG/L : <0.100
SULFATE AS SO4 MG/L : 74.1
FORM : : TOTAL
DATE - TIME ANALYZED : 09/14/89 17:47:00
ANALYST : : M. MACEWEN

ANALYSIS : F

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE AS F MG/L : 0.32
DATE - TIME ANALYZED : 09/25/89 13:24:00

ANALYSIS : F

ANALYST : : N. MACEWEN

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLOROMETHANE	UG/L	:	<1.0
METHYL BROMIDE	UG/L	:	<1.0
VINYL CHLORIDE	UG/L	:	<1.0
CHLOROETHANE	UG/L	:	<1.0
M'LENE CHLORIDE	UG/L	:	<1.0
DIC'DIF'METHANE	UG/L	:	<10.
ACROLEIN	UG/L	:	<25.
ACRYLONITRILE	UG/L	:	<25.
T'F'METHANE	UG/L	:	<1.0
1,1-DIC'ETHENE	UG/L	:	<0.50
1,1-DIC'ETHANE	UG/L	:	<1.0
1,2-DIC'ETHENE	UG/L	:	<0.50
CHLOROFORM	UG/L	:	<0.60
1,2-DIC'ETHANE	UG/L	:	<1.0
111-TRIC'ETHANE	UG/L	:	<0.50
CARBON TETRACL	UG/L	:	<0.60
BRO'DIC'METHANE	UG/L	:	<0.75
1,2-DIC'PROPANE	UG/L	:	<0.40
1,3-DIC'PROPENE	UG/L	:	<1.0
TRICHLOROETHENE	UG/L	:	<0.50
BENZENE	UG/L	:	<0.40
C'DIBRO'METHANE	UG/L	:	<0.70
112-TRIC'ETHANE	UG/L	:	<0.50
EDB	UG/L	:	<1.0
2C'ET'VIN'ETHER	UG/L	:	<50.
BROMOFORM	UG/L	:	<1.0
1122-T'C'ETHANE	UG/L	:	<0.60
TETRACHL'ETHENE	UG/L	:	<1.0
TOLUENE	UG/L	:	<1.0
CHLOROBENZENE	UG/L	:	<1.0
ETHYLBENZENE	UG/L	:	<1.0
CUMENE	UG/L	:	<1.0

ANALYSIS : PURGE

STYRENE UG/L : <0.50
TOTAL XYLENES UG/L : <1.0
PROPYLBENZENE UG/L : <1.0
m-DICHL'BENZENE UG/L : <0.50
p-DICHL'BENZENE UG/L : <1.0
o-DICHL'BENZENE UG/L : <1.0
124-T'M'BENZENE UG/L : <1.0
para-CYMENE UG/L : <1.0
MTBE UG/L : <2.0
OTHER VOLATILES : : NOT DETECTED
DATE-TIME ANALYZED : 09/25/89 14:17:00
ANALYST : : J. SHOEMAKER

ANALYSIS : AG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SILVER MG/L : <0.010
DATE - TIME ANALYZED : 10/10/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : NA

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SODIUM MG/L : <15.0
DATE - TIME ANALYZED : 09/19/89 09:00:00
ANALYST : : L. BLACKWELL

STATUS REPORT - SAMPLE NUMBER : 89090635

SAMPLE NUMBER	: 89090635
STATUS OF SAMPLE	: 08 SAMPLE STATUS HIST : 27510000
DATE-TIME ENTERED	: 09/13/89 15:18:25 MODIFIED : 10/15/89 17:20:17
DAYS	: 033 DATE PROMISED : 10/13/89
PRIORITIZATION	: 5
PROJECT CODE	: INORG
SUBMITTER	: HRS DUVAL CPHU
CHARGE NUMBER	:
MATRIX	: WATER
DATE-TIME COLLECTED	: 09/13/89 13:15:00
DATE RECEIVED	: 09/13/89
COLLECTED BY	: G. PAWLOWICZ
SAMPLE NAME	: RESIDENT/WELL BIB
SAMPLE ADDRESS	: 8401 MALAGE AVE.
CITY	: JACKSONVILLE
STATE	: FL
ZIP	:
COUNTY	: DUVAL
HRS DISTRICT	:
DER DISTRICT	:
LATITUDE	:
LONGITUDE	:
[illegible] R SYSTEM	: 40
COMP / RECHK / OTHER	: 3
SYSTEM ID	:
RAW / TREATED	: R
FIELD PH	:
FIELD CONDUCTIVITY	:
FIELD CHLORINE	:
TEMPERATURE	:
CODE TYPE	:
CODE	:
CODE TYPE	:
CODE	:
COMMENT	:
COMMENT	:

ANALYSIS	DESCRIPTION
ICP	ICP / EPA METHOD 200.7
AS	ARSENIC / EPA 206.2
PB	LEAD / EPA METHOD 239.2
CD	CADMIUM / EPA 213.2
SE	SELENIUM / EPA 270.2
HG	MERCURY / EPA 245.1
IONCH	ANIONS BY ION CHROMATOGRAPHY / EPA 300.0
F	FLUORIDE / EPA 341.2
[illegible] E	PURGEABLES / GC/MS / EPA 524.1 OR 524.2
	SILVER / EPA METHOD 272.2
NA	SODIUM / EPA METHOD 273.1

ANALYSIS : ICP

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ZINC	MG/L	<0.500
BARIUM	MG/L	<0.100
MANGANESE	MG/L	<0.0050
IRON	MG/L	0.043
CHROMIUM	MG/L	<0.0050
CALCIUM	MG/L	39.7
MAGNESIUM	MG/L	16.4
COPPER	MG/L	<0.100

DATE - TIME ANALYZED : 09/19/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : AS

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ARSENIC MG/L : <0.0020
DATE - TIME ANALYZED : 09/21/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : PB

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ANALYSIS : PB

LEAD MG/L : <0.010
DATE - TIME ANALYZED : 09/14/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : CD

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CADMIUM MG/L : <0.0020
DATE - TIME ANALYZED : 09/25/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : SE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SELENIUM MG/L : <0.0020
DATE - TIME ANALYZED : 10/06/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : MG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

MERCURY MG/L : <0.00020
DATE - TIME ANALYZED : 09/15/89 10:00:00
ANALYST : : N. MACEWEN

ANALYSIS : IONCH

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLORIDE MG/L : 7.22
NITRATE AS N MG/L : 0.27
SULFATE AS SO4 MG/L : 71.7
FORM : : TOTAL
DATE - TIME ANALYZED : 09/14/89 18:00:00
ANALYST : : N. MACEWEN

ANALYSIS : F

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE AS F MG/L : 0.52
DATE - TIME ANALYZED : 09/25/89 13:24:00

ANALYSIS : F

ANALYST : : N. MACEWEN

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLOROMETHANE	UG/L	<1.0
METHYL BROMIDE	UG/L	<1.0
VINYL CHLORIDE	UG/L	<1.0
CHLOROETHANE	UG/L	<1.0
M'LENE CHLORIDE	UG/L	<1.0
DIC'DIF'METHANE	UG/L	<10.
ACROLEIN	UG/L	<25.
ACR'LONITRILE	UG/L	<25.
[illegible]'F'METHANE	UG/L	<1.0
1,1-DIC'ETHENE	UG/L	<0.50
1,1-DIC'ETHANE	UG/L	<1.0
1,2-DIC'ETHENE	UG/L	<0.50
CHLOROFORM	UG/L	<0.60
1,2-DIC'ETHANE	UG/L	<1.0
111-TRIC'ETHANE	UG/L	<0.50
CARBON TETRACL	UG/L	<0.60
BRO'DIC'METHANE	UG/L	<0.75
1,2-DIC'PROPANE	UG/L	<0.40
1,3-DIC'PROPENE	UG/L	<1.0
TRICHLOROETHENE	UG/L	<0.50
BENZENE	UG/L	<0.40
C'DIBRO'METHANE	UG/L	<0.90
112-TRIC'ETHANE	UG/L	<0.50
EDB	UG/L	<1.0
2C'ET'VIN'ETHER	UG/L	<50.
BROMOFORM	UG/L	<1.0
1122-T'C'ETHANE	UG/L	<0.60
TETRACHL'ETHENE	UG/L	<1.0
TOLUENE	UG/L	<1.0
CHLOROBENZENE	UG/L	<1.0
ETHYLBENZENE	UG/L	<1.0
CUMENE	UG/L	<1.0

ANALYSIS : PURGE

STYRENE	UG/L	:	<0.50
TOTAL XYLENES	UG/L	:	<1.0
PROPYLBENZENE	UG/L	:	<1.0
m-DICHL'BENZENE	UG/L	:	<0.50
p-DICHL'BENZENE	UG/L	:	<1.0
o-DICHL'BENZENE	UG/L	:	<1.0
124-T'M'BENZENE	UG/L	:	<1.0
para-CYMENE	UG/L	:	<1.0
MTBE	UG/L	:	<2.0
OTHER VOLATILES	:	:	NOT DETECTED
DATE-TIME ANALYZED		:	09/25/89 14:58:00
ANALYST	:	:	J. SHOEMAKER

ANALYSIS : AG

DATE-TIME EXP / EXT	:	
DATE-TIME EXP / ANL	:	
DATE-TIME EXTRACTED	:	
DATE-TIME ANALYZED	:	
CONDITIONS	:	

SILVER	MG/L	:	<0.010
DATE - TIME ANALYZED		:	10/10/89 09:00:00
ANALYST	:	:	L. BLACKWELL

ANALYSIS : NA

DATE-TIME EXP / EXT	:	
DATE-TIME EXP / ANL	:	
DATE-TIME EXTRACTED	:	
DATE-TIME ANALYZED	:	
CONDITIONS	:	

SODIUM	MG/L	:	<15.0
DATE - TIME ANALYZED		:	09/19/89 09:00:00
ANALYST	:	:	L. BLACKWELL

STATUS REPORT - SAMPLE NUMBER : 89090636

SAMPLE NUMBER : 89090636
STATUS OF SAMPLE : 06 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED : 09/13/89 15:23:15 MODIFIED : 10/15/89 17:20:18
DAYS : 033 DATE PROMISED : 10/13/89
PRIORITIZATION : 5
PROJECT CODE : INORG
SUBMITTER : HRS DUVAL CPHU
CHARGE NUMBER :
MATRIX : WATER
DATE-TIME COLLECTED : 09/13/89 13:30:00
DATE RECEIVED : 09/13/89
COLLECTED BY : G. PAWLOWICZ
SAMPLE NAME : RESIDENT (ILLEGIBLE)
SAMPLE ADDRESS : 5435 MALAGE AVE.
CITY : JACKSONVILLE
STATE : FL
ZIP :
COUNTY : DUVAL
HRS DISTRICT :
DER DISTRICT :
LATITUDE :
LONGITUDE :
[illegible]R SYSTEM : 43
COMP / RECHK / OTHER : 3
SYSTEM ID :
RAW / TREATED : R
FIELD PH :
FIELD CONDUCTIVITY :
FIELD CHLORINE :
TEMPERATURE :
CODE TYPE :
CODE :
CODE TYPE :
CODE :
COMMENT :
COMMENT :

ANALYSIS	DESCRIPTION
ICP	ICP / EPA METHOD 200.7
AS	ARSENIC / EPA 206.2
PB	LEAD / EPA METHOD 239.2
CD	CADMIUM / EPA 213.2
SE	SELENIUM / EPA 270.2
HG	MERCURY / EPA 245.1
IONCH	ANIONS BY ION CHROMATOGRAPHY / EPA 300.0
F	FLUORIDE / EPA 341.2
[illegible]E	PURGEABLES / GC/MS / EPA 524.1 OR 524.2
[illegible]	SILVER / EPA METHOD 272.2
NA	SODIUM / EPA METHOD 273.1

ANALYSIS : ICP

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ZINC	MG/L	<0.500
BARIUM	MG/L	<0.100
MANGANESE	MG/L	0.0069
IRON	MG/L	0.101
CHROMIUM	MG/L	<0.0050
CALCIUM	MG/L	42.2
MAGNESIUM	MG/L	26.7
COPPER	MG/L	<0.100

DATE - TIME ANALYZED : 09/19/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : AS

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ARSENIC MG/L : <0.0020
DATE - TIME ANALYZED : 09/21/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : PB

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ANALYSIS : PB

LEAD MG/L : <0.010
DATE - TIME ANALYZED : 09/14/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : CD

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CADMIUM MG/L : <0.0020
DATE - TIME ANALYZED : 09/25/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : SE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SELENIUM MG/L : <0.0020
DATE - TIME ANALYZED : 10/06/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : HG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

MERCURY MG/L : <0.00020
DATE - TIME ANALYZED : 09/15/89 10:00:00
ANALYST : : N. MACEWEN

ANALYSIS : ICNCH

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLORIDE MG/L : 12.1
NITRATE AS N MG/L : <0.100
SULFATE AS SO4 MG/L : 24.5
FORM : : TOTAL
DATE - TIME ANALYZED : 09/14/89 18:27:00
ANALYST : : N. MACEWEN

ANALYSIS : F

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE AS F MG/L : 1.29
DATE - TIME ANALYZED : 09/25/89 13:24:00

ANALYSIS : F

ANALYST : : N. MACEWEN

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLOROMETHANE	UG/L	<1.0
METHYL BROMIDE	UG/L	<1.0
VINYL CHLORIDE	UG/L	<1.0
CHLOROETHANE	UG/L	<1.0
METHYLENE CHLORIDE	UG/L	<1.0
DICHLORIFLUOROMETHANE	UG/L	<10.
ACROLEIN	UG/L	<25.
ACRYLONITRILE	UG/L	<25.
TRICHLOROFLUOROMETHANE	UG/L	<1.0
1,1-DICHLOROETHENE	UG/L	<0.50
1,1-DICHLOROETHANE	UG/L	<1.0
1,2-DICHLOROETHENE	UG/L	<0.50
CHLOROFORM	UG/L	<0.60
1,2-DICHLOROETHANE	UG/L	<1.0
111-TRICHLOROETHANE	UG/L	<0.50
CARBON TETRACL	UG/L	<0.50
BROMODICHLOROMETHANE	UG/L	<0.75
1,2-DICHLOROPROPANE	UG/L	<0.40
1,3-DICHLOROPROPENE	UG/L	<1.0
TRICHLOROETHENE	UG/L	<0.50
BENZENE	UG/L	<0.40
CHLORODIBROMOMETHANE	UG/L	<0.90
112-TRICHLOROETHANE	UG/L	<0.50
EDB	UG/L	<1.0
2CHLOROETHYLVINYLETHER	UG/L	<50.
BROMOFORM	UG/L	<1.0
1122-TETRACHLOROETHANE	UG/L	<0.60
TETRACHLOROETHENE	UG/L	<1.0
TOLUENE	UG/L	<1.0
CHLOROBENZENE	UG/L	<1.0
ETHYLBENZENE	UG/L	<1.0
CUMENE	UG/L	<1.0

ANALYSIS : PURGE

STYRENE	UG/L	:	<0.50
TOTAL XYLENES	UG/L	:	<1.0
PROPYLBENZENE	UG/L	:	<1.0
m-DICHL'BENZENE	UG/L	:	<0.50
p-DICHL'BENZENE	UG/L	:	<1.0
o-DICHL'BENZENE	UG/L	:	<1.0
124-T'M'BENZENE	UG/L	:	<1.0
para-CYMENE	UG/L	:	<1.0
MTBE	UG/L	:	<2.0
OTHER VOLATILES	:	:	NOT DETECTED
DATE-TIME ANALYZED		:	09/25/89 15:33:00
ANALYST	:	:	J. SHOEMAKER

ANALYSIS : AG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SILVER	MG/L	:	<0.010
DATE - TIME ANALYZED		:	10/10/89 09:00:00
ANALYST	:	:	L. BLACKWELL

ANALYSIS : NA

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SODIUM	MG/L	:	15.1
DATE - TIME ANALYZED		:	09/19/89 09:00:00
ANALYST	:	:	L. BLACKWELL

STATUS REPORT - SAMPLE NUMBER : 89090637

SAMPLE NUMBER : 89090637
STATUS OF SAMPLE : 09 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED : 09/13/89 15:24:41 MODIFIED : 10/15/89 17:20:18
DAYS : 033 DATE PROMISED : 10/13/89
PRIORITIZATION : 5
PROJECT CODE : INORG
SUBMITTER : HRS DUVAL CPHU
CHARGE NUMBER :
MATRIX : WATER
DATE-TIME COLLECTED : 09/13/89 14:30:00
DATE RECEIVED : 09/13/89
COLLECTED BY : G. PAWLOWICZ
SAMPLE NAME : RESIDENT/W.B. AT THE BACK OF TRAILER
SAMPLE ADDRESS : 2404 SEVILLE RD.
CITY : JACKSONVILLE
STATE : FL
ZIP :
COUNTY : DUVAL
HRS DISTRICT :
DER DISTRICT :
LATITUDE :
LONGITUDE :
[illegible]R SYSTEM : 43
[illegible]P / RECHK / OTHER : 3
SYSTEM ID :
RAW / TREATED : R
FIELD PH :
FIELD CONDUCTIVITY :
FIELD CHLORINE :
TEMPERATURE :
CODE TYPE :
CODE :
CODE TYPE :
CODE :
COMMENT : MCL VIOLATION FOR IRON
COMMENT :

ANALYSIS	DESCRIPTION
ICP	ICP / EPA METHOD 200.7
AS	ARSENIC / EPA 206.2
PB	LEAD / EPA METHOD 239.2
CD	CADMIUM / EPA 213.2
SE	SELENIUM / EPA 270.2
HG	MERCURY / EPA 245.1
IONCH	ANIONS BY ION CHROMATOGRAPHY / EPA 300.0
F	FLUORIDE / EPA 341.2
P[illegible]	PURGEABLES / GC/MS / EPA 524.1 OR 524.2
[illegible]	SILVER / EPA METHOD 272.2
NA	SODIUM / EPA METHOD 273.1

ANALYSIS : ICP

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ZINC	MG/L	<0.500
BARIUM	MG/L	<0.100
MANGANESE	MG/L	0.0091
IRON	MG/L	2.06
CHROMIUM	MG/L	<0.0050
CALCIUM	MG/L	37.1
MAGNESIUM	MG/L	17.3
COPPER	MG/L	<0.100

DATE - TIME ANALYZED : 09/19/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : AS

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ARSENIC MG/L : <0.0020
DATE - TIME ANALYZED : 09/21/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : PB

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ANALYSIS : PB

LEAD MG/L : <0.010
DATE - TIME ANALYZED : 09/14/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : CD

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CADMIUM MG/L : <0.0020
DATE - TIME ANALYZED : 09/25/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : SE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SELENIUM MG/L : <0.0020
DATE - TIME ANALYZED : 10/06/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : HG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

MERCURY MG/L : <0.00020
DATE - TIME ANALYZED : 09/15/89 10:00:00
ANALYST : : N. MACEWEN

ANALYSIS : IONCH

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLORIDE MG/L : 7.00
NITRATE AS N MG/L : <0.100
SULFATE AS SO4 MG/L : 46.5
FORM : : TOTAL
DATE - TIME ANALYZED : 09/14/89 18:40:00
ANALYST : : N. MACEWEN

ANALYSIS : F

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE AS F MG/L : 0.50
DATE - TIME ANALYZED : 09/25/89 13:24:00

ANALYSIS : F

ANALYST : : N. MACEWEN

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLOROMETHANE	UG/L	:	<1.0
METHYL BROMIDE	UG/L	:	<1.0
VINYL CHLORIDE	UG/L	:	<1.0
CHLOROETHANE	UG/L	:	<1.0
M'LENE CHLORIDE	UG/L	:	<1.0
DIC'DIF'METHANE	UG/L	:	<10.
ACROLEIN	UG/L	:	<25.
ACRYLONITRILE	UG/L	:	<25.
[illegible] 'F'METHANE	UG/L	:	<1.0
[illegible]-DIC'ETHENE	UG/L	:	<0.50
1,1-DIC'ETHANE	UG/L	:	<1.0
1,2-DIC'ETHENE	UG/L	:	<0.50
CHLOROFORM	UG/L	:	<0.60
1,2-DIC'ETHANE	UG/L	:	<1.0
111-TRIC'ETHANE	UG/L	:	<0.50
CARBON TETRACL	UG/L	:	<0.60
BRO'DIC'METHANE	UG/L	:	<0.75
1,2-DIC'PROPANE	UG/L	:	<0.40
1,3-DIC'PROPENE	UG/L	:	<1.0
TRICHLOROETHENE	UG/L	:	<0.50
BENZENE	UG/L	:	<0.40
C'DIBRO'METHANE	UG/L	:	<0.90
112-TRIC'ETHANE	UG/L	:	<0.50
EDB	UG/L	:	<1.0
2C'ET'VIN'ETHER	UG/L	:	<50.
BROMOFORM	UG/L	:	<1.0
1122-T'C'ETHANE	UG/L	:	<0.60
TETRACHL'ETHENE	UG/L	:	<1.0
TOLUENE	UG/L	:	<1.0
CHLOROBENZENE	UG/L	:	<1.0
ETHYLBENZENE	UG/L	:	<1.0
CUMENE	UG/L	:	<1.0

ANALYSIS : PURGE

STYRENE	UG/L	:	<0.50
TOTAL XYLENES	UG/L	:	<1.0
PROPYLBENZENE	UG/L	:	<1.0
m-DICHLOROBENZENE	UG/L	:	<0.50
p-DICHLOROBENZENE	UG/L	:	<1.0
o-DICHLOROBENZENE	UG/L	:	<1.0
124-TRIMBENZENE	UG/L	:	<1.0
para-CYMENE	UG/L	:	<1.0
MTBE	UG/L	:	<2.0
OTHER VOLATILES	:	:	NOT DETECTED
DATE-TIME ANALYZED		:	09/25/89 16:10:00
ANALYST	:	:	J. SHOEMAKER

ANALYSIS : AG

DATE-TIME EXP / EXT	:
DATE-TIME EXP / ANL	:
DATE-TIME EXTRACTED	:
DATE-TIME ANALYZED	:
CONDITIONS	:

SILVER	MG/L	:	<0.010
DATE - TIME ANALYZED		:	10/10/89 09:00:00
ANALYST	:	:	L. BLACKWELL

ANALYSIS : NA

DATE-TIME EXP / EXT	:
DATE-TIME EXP / ANL	:
DATE-TIME EXTRACTED	:
DATE-TIME ANALYZED	:
CONDITIONS	:

SODIUM	MG/L	:	<15.0
DATE - TIME ANALYZED		:	09/19/89 09:00:00
ANALYST	:	:	L. BLACKWELL

STATUS REPORT - SAMPLE NUMBER : 89090638

SAMPLE NUMBER	: 89090638
STATUS OF SAMPLE	: 08 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED	: 09/13/89 15:28:21 MODIFIED : 10/15/89 17:20:18
DAYS	: 033 DATE PROMISED : 10/13/89
PRIORITIZATION	: 5
PROJECT CODE	: INORG
SUBMITTER	: HRS DUVAL CPHU
CHARGE NUMBER	:
MATRIX	: WATER
DATE-TIME COLLECTED	: 09/13/89 14:00:00
DATE RECEIVED	: 09/13/89
COLLECTED BY	: G. PAWLOWICZ
SAMPLE NAME	: RESIDENT/H.B. AT THE SIDE OF WASHROOM
SAMPLE ADDRESS	: 8437 NEW YORK AVE.
CITY	: JACKSONVILLE
STATE	: FL
ZIP	:
COUNTY	: DUVAL
HRS DISTRICT	:
DER DISTRICT	:
LATITUDE	:
LONGITUDE	:
[illegible]ER SYSTEM	: 43
COMP / RECHK / OTHER	: 3
SYSTEM ID	:
RAW / TREATED	:
FIELD PH	:
FIELD CONDUCTIVITY	:
FIELD CHLORINE	:
TEMPERATURE	:
CODE TYPE	:
CODE	:
CODE TYPE	:
CODE	:
COMMENT	:
COMMENT	:

ANALYSIS	DESCRIPTION
ICP	ICP / EPA METHOD 200.7
AS	ARSENIC / EPA 206.2
PB	LEAD / EPA METHOD 239.2
CD	CADMIUM / EPA 213.2
SE	SELENIUM / EPA 270.2
HG	MERCURY / EPA 245.1
IONCH	ANIONS BY ION CHROMATOGRAPHY / EPA 300.0
F	FLUORIDE / EPA 341.2
[illegible]E	PURGEABLES / GC/MS / EPA 524.1 OR 524.2
	SILVER / EPA METHOD 272.2
NA	SODIUM / EPA METHOD 273.1

ANALYSIS : ICP

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ZINC	MG/L	<0.500
BARIUM	MG/L	<0.100
MANGANESE	MG/L	<0.0050
IRON	MG/L	<0.030
CHROMIUM	MG/L	<0.0050
CALCIUM	MG/L	<1.00
MAGNESIUM	MG/L	<0.250
COPPER	MG/L	<0.100

DATE - TIME ANALYZED : 09/19/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : AS

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ARSENIC MG/L : <0.0020
DATE - TIME ANALYZED : 09/21/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : PB

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ANALYSIS : PB

LEAD MG/L : <0.010
DATE - TIME ANALYZED : 09/14/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : CD

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CADMIUM MG/L : <0.0020
DATE - TIME ANALYZED : 09/25/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : SE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SELENIUM MG/L : <0.0020
DATE - TIME ANALYZED : 10/06/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : HG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

MERCURY MG/L : 0.00030
DATE - TIME ANALYZED : 09/15/89 10:00:00
ANALYST : : N. MACEWEN

ANALYSIS : IONCH

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLORIDE MG/L : 14.6
NITRATE AS N MG/L : <0.100
SULFATE AS SO4 MG/L : 5.26
FORM : : TOTAL
DATE - TIME ANALYZED : 09/14/89 19:40:00
ANALYST : : N. MACEWEN

ANALYSIS : F

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE AS F MG/L : 1.46
DATE - TIME ANALYZED : 09/25/89 13:24:00

ANALYSIS : F

ANALYST : : N. MACEWEN

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLOROMETHANE	UG/L	:	<1.0
METHYL BROMIDE	UG/L	:	<1.0
VINYL CHLORIDE	UG/L	:	<1.0
CHLOROETHANE	UG/L	:	<1.0
M'LENE CHLORIDE	UG/L	:	<1.0
DIC'DIF'METHANE	UG/L	:	<10.
ACROLEIN	UG/L	:	<25.
ACRYLONITRILE	UG/L	:	<25.
[illegible]'F'METHANE	UG/L	:	<1.0
1,1-DIC'ETHENE	UG/L	:	<0.50
1,1-DIC'ETHANE	UG/L	:	<1.0
1,2-DIC'ETHENE	UG/L	:	<0.50
CHLOROFORM	UG/L	:	<0.60
1,2-DIC'ETHANE	UG/L	:	<1.0
111-TRIC'ETHANE	UG/L	:	<0.50
CARBON TETRACL	UG/L	:	<0.60
BRO'DIC'METHANE	UG/L	:	<0.75
1,2-DIC'PROPANE	UG/L	:	<0.40
1,3-DIC'PROPENE	UG/L	:	<1.0
TRICHLOROETHENE	UG/L	:	<0.50
BENZENE	UG/L	:	<0.40
C'DIBRO'METHANE	UG/L	:	<0.90
112-TRIC'ETHANE	UG/L	:	<0.50
EDB	UG/L	:	<1.0
2C'ET'VIN'ETHER	UG/L	:	<50.
BROMOFORM	UG/L	:	<1.0
1122-T'C'ETHANE	UG/L	:	<0.60
TETRACHL'ETHENE	UG/L	:	<1.0
TOLUENE	UG/L	:	<1.0
CHLOROBENZENE	UG/L	:	<1.0
ETHYLBENZENE	UG/L	:	<1.0
CUMENE	UG/L	:	<1.0

ANALYSIS : PURGE

STYRENE	UG/L	:	<0.50
TOTAL XYLENES	UG/L	:	<1.0
PROPYLBENZENE	UG/L	:	<1.0
m-DICHLOROBENZENE	UG/L	:	<0.50
p-DICHLOROBENZENE	UG/L	:	<1.0
o-DICHLOROBENZENE	UG/L	:	<1.0
124-TRIMBENZENE	UG/L	:	<1.0
para-CYMENE	UG/L	:	<1.0
MTBE	UG/L	:	<2.0
OTHER VOLATILES	:	:	NOT DETECTED
DATE-TIME ANALYZED		:	09/25/89 16:41:00
ANALYST	:	:	J. SHOEMAKER

ANALYSIS : AG

DATE-TIME EXP / EXT	:
DATE-TIME EXP / ANL	:
DATE-TIME EXTRACTED	:
DATE-TIME ANALYZED	:
CONDITIONS	:

SILVER	MG/L	:	<0.010
DATE - TIME ANALYZED		:	10/10/89 09:00:00
ANALYST	:	:	L. BLACKWELL

ANALYSIS : NA

DATE-TIME EXP / EXT	:
DATE-TIME EXP / ANL	:
DATE-TIME EXTRACTED	:
DATE-TIME ANALYZED	:
CONDITIONS	:

SODIUM	MG/L	:	105
DATE - TIME ANALYZED		:	09/19/89 09:00:00
ANALYST	:	:	L. BLACKWELL

State of Florida
Department of Health and Rehabilitative Services
Office of Laboratory Services
P. O. Box 210
Jacksonville, Florida 32231

Submitting Agency JCPWU

Address 515 W Sixth St.
Jax, FL

DRINKING WATER CHEMICAL ANALYSIS

System Name: 11 Resident

County: Duval Collector: G. Pawlowicz

Address 8335 Melonge Ave.

System I.D. No.: DER District 11

Sample Site: well bib

(Raw) or Treated: Temperature

Date and Time Collected: 9/13 1:00

Field Chlorine, mg/l: Field pH:

Circle one: 40. Community public water system 41. Non-community public water system 42. Other public water system 43. Private water system

Circle one: 1. Compliance 2. Recheck (3. Other) (indicate below parameters to be tested for items 2 or 3).

INORG
PURGEABLES

PRIMARY STANDARDS			SECONDARY STANDARDS			GENERAL	
PARAMETER	METHOD†	RESULT**	PARAMETER	METHOD†	RESULT**	PARAMETER	RESULT**
Arsenic as As			Chloride as Cl			Total Hardness as $CaCO_3$ (c)	
Barium as Ba			Color*			Total Alkalinity as $CaCO_3$	
Cadmium as Cd			Copper as Cu			N.C.H. as $CaCO_3$ (c)	
Chromium as Cr			Corrosivity*			Bicarbonate as HCO_3 (c)	
ad as Pb			Foaming Agents			Calcium as Ca	
.ercury as Hg			H_2S			Magnesium as Mg	
Selenium as Se			Iron as Fe			Carbon Dioxide as CO_2 (c)	
Silver as Ag			Manganese as Mn			Bicarbonate as $CaCO_3$ (c)	
Nitrate as N			Odor*			Carbonate as $CaCO_3$ (c)	
Fluoride as F			pH*			Hydroxide as $CaCO_3$ (c)	
Turbidity,* NTU			Sulfate as SO_4			Sodium as Na	
			TDS				
Endrin			Zinc as Zn			pHs* (c)	
Lindane						Stability Index* 2pHs-pH (c)	
Methoxychlor						Saturation Index* pH-pHs (c)	
Toxaphene						INTERPRETATION: Stable	
2, 4-D						Corrosive	
2, 4-5 TP Silvex						Scale Forming	
Trihalomethanes			DER reviewer:				
			Action required:				

Note: *All results in mg/liter except those denoted
†List of methods available on request

(c) = Calculated value
**BDL = Below detection limit, see reverse side

Date and Time Received:

Laboratory I.D. No.:

Date Reported:

Remarks: Case EC891273
FB 89090633
Sple 89090634

nts:

HRS Form 1125, May 79 (Obsoletes HRS(TEST) Form 32)

State of Florida
Department of Health and Rehabilitative Services
Office of Laboratory Services
P. O. Box 210
Jacksonville, Florida 32231

Submitting Agency: DCPHU
Address: 515 W Sixth St
Lake City

DRINKING WATER CHEMICAL ANALYSIS

System Name: 2) Resident
County: Duval
Collector: G. Rawlowicz
Address: 8401 Malaga Ave
System I.D. No.:
DER District: 11
Sample Site: well 2b
Raw or Treated:
Temperature:
Date and Time Collected: 9/13 1:15
Field Chlorine, mg/l:
Field pH:

Circle one: 40. Community public water system 41. Non-community public water system 42. Other public water system 43. Private water system

Circle one: 1. Compliance 2. Recheck 3. Other (indicate below parameters to be tested for items 2 or 3).

INORG. PURGEABLES

PRIMARY STANDARDS			SECONDARY STANDARDS			GENERAL	
PARAMETER	METHOD†	RESULT**	PARAMETER	METHOD†	RESULT**	PARAMETER	RESULT**
Arsenic as As			Chloride as Cl			Total Hardness as $CaCO_3$ (c)	
Barium as Ba			Color*			Total Alkalinity as $CaCO_3$	
Cadmium as Cd			Copper as Cu			N.C.H. as $CaCO_3$ (c)	
Chromium as Cr			Corrosivity*			Bicarbonate as HCO_3 (c)	
Lead as Pb			Foaming Agents			Calcium as Ca	
Mercury as Hg			H_2S			Magnesium as Mg	
Selenium as Se			Iron as Fe			Carbon Dioxide as CO_2 (c)	
Silver as Ag			Manganese as Mn			Bicarbonate as $CaCO_3$ (c)	
Nitrate as N			Odor*			Carbonate as $CaCO_3$ (c)	
Fluoride as F			pH*			Hydroxide as $CaCO_3$ (c)	
Turbidity,* NTU			Sulfate as SO_4			Sodium as Na	
			TDS				
Endrin			Zinc as Zn			pHs* (c)	
Lindane						Stability Index* 2pHs-pH (c)	
Methoxychlor						Saturation Index* pH-pHs (c)	
Toxaphene						INTERPRETATION: Stable	
2, 4-D						Corrosive	
2, 4-5 TP Silvex						Scale Forming	
Trihalomethanes			DER reviewer:				
			Action required:				

Note: *All results in mg/liter except those denoted
†List of methods available on request

(c) = Calculated value
**BDL = Below detection limit, see reverse side

Date and Time Received:
Date Reported:
Remarks:

Laboratory I.D. No.:
Remarks: Case EC891273
Apple 89090635

HRS Form 1125, May 79 (Obsoletes HRS(TEST) Form 32)

State of Florida
Department of Health and Rehabilitative Services
Office of Laboratory Services
P. O. Box 210
Jacksonville, Florida 32231

Submitting Agency DCPHU

Address 515 W Sixth St
Jax, FL

DRINKING WATER CHEMICAL ANALYSIS

System Name: 3) Mr Atienes

County: Duval Collector: G. Lawrence

Address 2435 Malone Ave

System I.D. No.: DER District 11

Sample Site: H.b closest to the well

Raw or Treated: Temperature

Date and Time Collected: 9/13 1:30

Field Chlorine, mg/l: Field pH:

Circle one: 40. Community public water system 41. Non-community public water system 42. Other public water system 43. Private water system

Circle one: 1. Compliance 2. Recheck 3. Other (indicate below parameters to be tested for items 2 or 3).

INORG

PRIMARY STANDARDS			SECONDARY STANDARDS			GENERAL	
PARAMETER	METHOD†	RESULT**	PARAMETER	METHOD†	RESULT**	PARAMETER	RESULT**
Arsenic as As			Chloride as Cl			Total Hardness as $CaCO_3$ (c)	
Barium as Ba			Color*			Total Alkalinity as $CaCO_3$	
Cadmium as Cd			Copper as Cu			N.C.H. as $CaCO_3$ (c)	
Chromium as Cr			Corrosivity*			Bicarbonate as HCO_3 (c)	
[illegible]d as Pb			Foaming Agents			Calcium as Ca	
[illegible]ercury as Hg			H_2S			Magnesium as Mg	
Selenium as Se			Iron as Fe			Carbon Dioxide as CO_2 (c)	
Silver as Ag			Manganese as Mn			Bicarbonate as $CaCO_3$ (c)	
Nitrate as N			Odor*			Carbonate as $CaCO_3$ (c)	
Fluoride as F			pH*			Hydroxide as $CaCO_3$ (c)	
Turbidity,* NTU			Sulfate as SO_4			Sodium as Na	
			TDS				
Endrin			Zinc as Zn			pHs* (c)	
Lindane						Stability Index* 2pHs-pH (c)	
Methoxychlor						Saturation Index* pH-pHs (c)	
Toxaphene						INTERPRETATION: Stable	
2, 4-D						Corrosive	
2, 4-5 TP Silvex						Scale Forming	
Trihalomethanes			DER reviewer:				
			Action required:				

Note: *All results in mg/liter except those denoted
†List of methods available on request

(c) = Calculated value
**BDL = Below detection limit, see reverse side

Date and Time Received:

Date Reported:

Laboratory I.D. No.:

Remarks: Case EC891273
Sple 89090636

HRS Form 1125, May 79 (Obsoletes HRS(TEST) Form 32)

State of Florida
Department of Health and Rehabilitative Services
Office of Laboratory Services
P. O. Box 210
Jacksonville, Florida 32231

Submitting Agency DCPHU

Address 515 W Sixth St
Lax, Fl

DRINKING WATER CHEMICAL ANALYSIS

System Name: J. Rondini
County: Dade
Collector: G. Rodriguez
Address 8404 Seville Rd
System I.D. No.:
DER District 11
Sample Site: N.D. at the back of trailer
Raw or Treated:
Temperature
Date and Time Collected: 9/13/89 2:30 pm
Field Chlorine, mg/l:
Field pH:

Circle one: 40. Community public water system 41. Non-community public water system 42. Other public water system 43. Private water system

Circle one: 1. Compliance 2. Recheck 3. Other (indicate below parameters to be tested for items 2 or 3).

supplies water to 3 houses

Inorg.
PURGEABLES

PRIMARY STANDARDS			SECONDARY STANDARDS			GENERAL	
PARAMETER	METHOD†	RESULT**	PARAMETER	METHOD†	RESULT**	PARAMETER	RESULT**
Arsenic as As			Chloride as Cl			Total Hardness as $CaCO_3$ (c)	
Barium as Ba			Color*			Total Alkalinity as $CaCO_3$	
Cadmium as Cd			Copper as Cu			N.C.H. as $CaCO_3$ (c)	
Chromium as Cr			Corrosivity*			Bicarbonate as HCO_3 (c)	
Lead as Pb			Foaming Agents			Calcium as Ca	
Mercury as Hg			H_2S			Magnesium as Mg	
Selenium as Se			Iron as Fe			Carbon Dioxide as CO_2 (c)	
Silver as Ag			Manganese as Mn			Bicarbonate as $CaCO_3$ (c)	
Nitrate as N			Odor*			Carbonate as $CaCO_3$ (c)	
Fluoride as F			pH*			Hydroxide as $CaCO_3$ (c)	
Turbidity,* NTU			Sulfate as SO_4			Sodium as Na	
			TDS				
Endrin			Zinc as Zn			pHs* (c)	
Lindane						Stability Index* ZpHs-pH (c)	
Methoxychlor						Saturation Index* pH-pHs (c)	
Toxaphene						INTERPRETATION: Stable	
2, 4-D						Corrosive	
2, 4-5 TP Silvex						Scale Forming	
Trihalomethanes			DER reviewer:				
			Action required:				

Note: *All results in mg/liter except those denoted
†List of methods available on request

(c) = Calculated value
**BDL = Below detection limit, see reverse side

Date and Time Received:
Laboratory I.D. No.:
Date Reported:
Remarks: Case EC 89/273
Sple 89090637

HRS Form 1125, May 79 (Obsoletes HRS(TEST) Form 32)

State of Florida
partment of Health and Rehabilitative Services
Office of Laboratory Services
P. O. Box 210
Jacksonville, Florida 32231

INKING WATER CHEMICAL ANALYSIS

Submitting Agency DCPW
Address 515 W Sixth St
Lar Fl

4) Resident
3437 New York Ave
N.D of the side of washroom
ollected: 9/13 2:00

County: Duval Collector: G. Bowlware
System I.D. No.: DER District
Raw or Treated: ? Temperature
Field Chlorine, mg/l: Field pH:

Community public water system 41. Non-community public water system 42. Other public water system 43. Private water system

ompliance 2. Recheck 3. Other (indicate below parameters to be tested for items 2 or 3).

depth - UK

Inorg.

PURGEABLES

MARY STANDARDS		SECONDARY STANDARDS			GENERAL	
METHOD†	RESULT**	PARAMETER	METHOD†	RESULT**	PARAMETER	RESULT**
		Chloride as Cl			Total Hardness as $CaCO_3$ (c)	
		Color*			Total Alkalinity as $CaCO_3$	
		Copper as Cu			N.C.H. as $CaCO_3$ (c)	
		Corrosivity*			Bicarbonate as HCO_3 (c)	
		Foaming Agents			Calcium as Ca	
		H_2S			Magnesium as Mg	
		Iron as Fe			Carbon Dioxide as CO_2 (c)	
		Manganese as Mn			Bicarbonate as $CaCO_3$ (c)	
		Odor*			Carbonate as $CaCO_3$ (c)	
		pH*			Hydroxide as $CaCO_3$ (c)	
		Sulfate as SO_4			Sodium as Na	
		TDS				
		Zinc as Zn			pHs* (c)	
					Stability Index* 2pHs-pH (c)	
					Saturation Index* pH-pHs (c)	
					INTERPRETATION: Stable	
					Corrosive	
					Scale Forming	
		DER reviewer:				
		Action required:				

mg/liter except those denoted
ds available on request

(c) = Calculated value
**BDL = Below detection limit, see reverse side

ived:

Laboratory I.D. No.:

Remarks: Case EC891273
Sple 89090638

5, May 79 (Obsoletes HRS(TEST) Form 32)

ANALYSIS : HG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

MERCURY MG/L : 0.00020
DATE - TIME ANALYZED : 08/16/89 10:43:30
ANALYST : : J. SCHMITZ

ANALYSIS : IONCH

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE MG/L : 7.50
NITRATE AS N MG/L : EXP
SULFATE AS SO4 MG/L : 53.9
DATE - TIME ANALYZED : 08/16/89 18:34:00
ANALYST : : T. STOUTER

ANALYSIS : F

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE AS F MG/L : 0.49
DATE - TIME ANALYZED : 08/10/89 13:30:44
ANALYST : : J. SCHMITZ

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLOROMETHANE	UG/L	<1.0
METHYL BROMIDE	UG/L	<1.0
VINYL CHLORIDE	UG/L	<1.0
CHLOROETHANE	UG/L	<1.0
M'LENE CHLORIDE	UG/L	<1.0
DIC'DIF'METHANE	UG/L	<10.
ACROLEIN	UG/L	<25.
ACRYLONITRILE	UG/L	<25.
TRIC'F'METHANE	UG/L	<1.0
1,1-DIC'ETHENE	UG/L	<0.50
1,1-DIC'ETHANE	UG/L	<1.0
1,2-DIC'ETHENE	UG/L	<0.50
CHLOROFORM	UG/L	<0.60
1,2-DIC'ETHANE	UG/L	<1.0
TRIC'ETHANE	UG/L	<0.50
BON TETRACL	UG/L	<0.60
BRO'DIC'METHANE	UG/L	<0.75
1,2-DIC'PROPANE	UG/L	<0.40
1,3-DIC'PROPENE	UG/L	<1.0
TRICHLOROETHENE	UG/L	<0.50
BENZENE	UG/L	<0.40
C'DIBRO'METHANE	UG/L	<0.90
112-TRIC'ETHANE	UG/L	<0.50
EDB	UG/L	<1.0
2C'ET'VIN'ETHER	UG/L	<50.
BROMOFORM	UG/L	<1.0
1122-T'C'ETHANE	UG/L	<0.60
TETRACHL'ETHENE	UG/L	<1.0
TOLUENE	UG/L	<1.0
CHLOROBENZENE	UG/L	<1.0
ETHYLBENZENE	UG/L	<1.0
CUMENE	UG/L	<1.0
STYRENE	UG/L	<0.50
TOTAL XYLENES	UG/L	<1.0
PROPYLBENZENE	UG/L	<1.0
m-DICHL'BENZENE	UG/L	<0.50
p-DICHL'BENZENE	UG/L	<1.0
o-DICHL'BENZENE	UG/L	<1.0
124-T'M'BENZENE	UG/L	<1.0
-CYMENE	UG/L	<1.0
	UG/L	<2.0

ANALYSIS : PURGE

OTHER VOLATILES : : NOT DETECTED
DATE-TIME ANALYZED : 08/21/89 14:50:00
ANALYST : : J. SHOEMAKER

State of Florida
Department of Health and Rehabilitative Services
Office of Laboratory Services
P. O. Box 210
Jacksonville, Florida 32231

DRINKING WATER CHEMICAL ANALYSIS

Submitting Agency: Duval County Public Health
Address: 515 W Sixth St
Jacksonville FL 32206

System Name: Aztec MHP
County: Duval
Collector: K. A. Orack
Address: 5551 Roosevelt Blvd
System I.D. No.: 2161329
DER District: II
Sample Site: Raw tap at well
Raw or Treated: Raw
Temperature: -
Date and Time Collected: 8-9-89 ≈ 11.15am
Field Chlorine, mg/l: -
Field pH: 7.5

Circle one: 40. Community public water system 41. Non-community public water system 42. Other public water system 43. Private water system

Circle one: 1. Compliance 2. Recheck 3. Other (indicate below parameters to be tested for items 2 or 3).

PURGEABLES
Long.

PRIMARY STANDARDS			SECONDARY STANDARDS			GENERAL	
PARAMETER	METHOD†	RESULT**	PARAMETER	METHOD†	RESULT**	PARAMETER	RESULT**
Arsenic as As			Chloride as Cl			Total Hardness as $CaCO_3$ (c)	
Barium as Ba			Color*			Total Alkalinity as $CaCO_3$	
Cadmium as Cd			Copper as Cu			N.C.H. as $CaCO_3$ (c)	
Chromium as Cr			Corrosivity*			Bicarbonate as HCO_3 (c)	
Lead as Pb			Foaming Agents			Calcium as Ca	
Mercury as Hg			H_2S			Magnesium as Mg	
Selenium as Se			Iron as Fe			Carbon Dioxide as CO_2 (c)	
Silver as Ag			Manganese as Mn			Bicarbonate as $CaCO_3$ (c)	
Nitrate as N			Odor*			Carbonate as $CaCO_3$ (c)	
Fluoride as F			pH*			Hydroxide as $CaCO_3$ (c)	
Turbidity,* NTU			Sulfate as SO_4			Sodium as Na	
			TDS				
Endrin			Zinc as Zn			pHs* (c)	
Lindane						Stability Index* 2pHs-pH (c)	
Methoxychlor						Saturation Index* pH-pHs (c)	
Toxaphene						INTERPRETATION: Stable	
2, 4-D						Corrosive	
2, 4-5 TP Silvex						Scale Forming	
Trihalomethanes			DER reviewer:				
			Action required:				

Note: *All results in mg/liter except those denoted
†List of methods available on request

(c) = Calculated value
**BDL = Below detection limit, see reverse side

Date and Time Received:

Date Reported:

Analysts:

Laboratory I.D. No.:

Remarks:
Sent copies to Chris Carter
Case # 2559 1061
TPS # 89080604
Sample # 89080604

HRS Form 1125, May 79 (Obsoletes HRS(TEST) Form 32)

State of Florida
Department of Health and Rehabilitative Services
Office of Laboratory Services
P. O. Box 210
Jacksonville, Florida 32231

Submitting Agency: Duval County Public Health Un
Address: 515 W. Seventh St.
Jacksonville, FL 32206

DRINKING WATER CHEMICAL ANALYSIS

System Name: Holmes Lumber Company
County: Duval
Collector: K. A. Olack
Address: 6550 Roosevelt Blvd.
System I.D. No.: 2160505
DER District: II
Sample Site: raw tap at well pump
Raw or Treated: Raw
Temperature: –
Date and Time Collected: 8-9-89 ~ 12:00
Field Chlorine, mg/l: –
Field pH: 7.3

Circle one: 40. Community public water system (41. Non-community public water system) 42. Other public water system 43. Private water system

Circle one: 1. Compliance 2. Recheck (3.) Other (indicate below parameters to be tested for items 2 or 3).

PURGEABLES
Smoizy

PRIMARY STANDARDS			SECONDARY STANDARDS			GENERAL	
PARAMETER	METHOD†	RESULT**	PARAMETER	METHOD†	RESULT**	PARAMETER	RESULT**
Arsenic as As			Chloride as Cl			Total Hardness as $CaCO_3$ (c)	
Barium as Ba			Color*			Total Alkalinity as $CaCO_3$	
Cadmium as Cd			Copper as Cu			N.C.H. as $CaCO_3$ (c)	
Chromium as Cr			Corrosivity*			Bicarbonate as HCO_3 (c)	
Lead as Pb			Foaming Agents			Calcium as Ca	
Mercury as Hg			H_2S			Magnesium as Mg	
Selenium as Se			Iron as Fe			Carbon Dioxide as CO_2 (c)	
Silver as Ag			Manganese as Mn			Bicarbonate as $CaCO_3$ (c)	
Nitrate as N			Odor*			Carbonate as $CaCO_3$ (c)	
Fluoride as F			pH*			Hydroxide as $CaCO_3$ (c)	
Turbidity,* NTU			Sulfate as SO_4			Sodium as Na	
			TDS				
Endrin			Zinc as Zn			pHs* (c)	
Lindane						Stability Index* 2pHs-pH (c)	
Methoxychlor						Saturation Index* pH-pHs (c)	
Toxaphene						INTERPRETATION: Stable	
2, 4-D						Corrosive	
2, 4-5 TP Silvex						Scale Forming	
Trihalomethanes			DER reviewer:				
			Action required:				

Note: *All results in mg/liter except those denoted
†List of methods available on request

(c) = Calculated value
**BDL = Below detection limit, see reverse side

Date and Time Received:

Laboratory I.D. No.:

Date Reported:

Remarks:

Send copies to Chris Carter

Case # RS891061
Samp. # 890806

Results:

HRS Form 1125, May 79 (Obsoletes HRS(TEST) Form 32)

ANALYSIS REPORT

FLORIDA DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES
OFFICE OF LABORATORY SERVICES
P. O. BOX 210
JACKSONVILLE, FLORIDA 32231

LABORATORY ID 12001

ELDERT C. HARTWIG, JR., SC.D., M.P.H.
LABORATORY SERVICES ADMINISTRATOR
(904) 359-6145
SUN COM 826-6145

Received
SEP 19 1989
Sanitary Engineering Division

ABBREVIATIONS AND SYMBOLS USED:

(1) NS = ANALYTE NOT SCREENED
(2) EXP = ANALYSIS EXPIRED BEFORE COMPLETION
(3) BDL = BELOW DETECTION LIMIT
(4) ? = ILLEGIBLE INFORMATION ON SUBMISSION FORM
(5) KG = KILOGRAM
(6) G = GRAM
(7) MG = MILLIGRAM
(8) UG = MICROGRAM
(9) NG = NANOGRAM
(10) L = LITER
(11) DL = DECILITER
(12) ML = MILLILITER
(13) UL = MICROLITER
(14) CU C = CUBIC CENTIMETER
(15) CU M = CUBIC METER
(16) UMHO = MICROMHO
(17) M = METER
(18) CM = CENTIMETER
(19) < = LESS THAN
(20) > = GREATER THAN
(21) % = PERCENT

MAILED
SEP 15 1989
HRS Office of Laboratory Services
ENVIRONMENTAL CHEMISTRY

NOTE: ON FEBRUARY 1, 1988, THE HRS OFFICE OF LABORATORY SERVICES ENVIRONMENTAL CHEMISTRY PROGRAM IMPLEMENTED A NEW LABORATORY INFORMATION MANAGEMENT SYSTEM (LIMS). THE NEW LIMS WILL INCREASE LABORATORY EFFICIENCY AND WILL OFFER OUR CLIENTS THE OPTION OF ON-LINE RETRIEVAL OF INFORMATION ON SAMPLES SUBMITTED TO OUR FACILITY.

THE ENCLOSED ANALYSIS REPORT IS A PRODUCT OF THE NEW LIMS. ITS FORMAT IS CURRENTLY UNDER REVISION AND WILL BE MODIFIED IN THE NEAR FUTURE. OUR GOAL IS TO MAKE THE ANALYSIS REPORT FORM AS COMPLETE AND USEFUL AS POSSIBLE. PLEASE ADDRESS ANY QUESTIONS OR COMMENTS TO:

G. W. COPPENGER, PH.D.
(904) 359-6451
SUN COM 826-6451

HRS OFFICE OF LABORATORY SERVICES / LAB ID 12001

09/15/89 09:08 PAGE 1

STATUS REPORT - SAMPLE NUMBER : 89080200

SAMPLE NUMBER : 890.0200
STATUS OF SAMPLE : 00 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED : 08/02/89 15:42:57 MODIFIED : 08/29/89 11:01:57
DAYS : 044 DATE PROMISED : 09/01/89
PRIORITIZATION : 5
PROJECT CODE :
SUBMITTER : HRS DUVAL CPHU
CHARGE NUMBER :
MATRIX : WATER
DATE-TIME COLLECTED : 08/02/89 00:00:00
DATE RECEIVED : 08/02/89
COLLECTED BY :
SAMPLE NAME : FIELD BLANK/PURGEABLES
SAMPLE ADDRESS :
CITY :
STATE : FL
ZIP :
COUNTY :
HRS DISTRICT :
DER DISTRICT :
LATITUDE :
LONGITUDE :
[illegible]R SYSTEM :
[illegible] / RECHK / OTHER :
SYSTEM ID :
RAW / TREATED :
FIELD PH :
FIELD CONDUCTIVITY :
FIELD CHLORINE :
TEMPERATURE :
CODE TYPE :
CODE :
CODE TYPE :
CODE :
COMMENT :
COMMENT :

ANALYSIS	DESCRIPTION
PURGE	PURGEABLES / GC/MS / EPA 524.1 OR 524.2

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
[illegible]-TIME EXTRACTED :
[illegible]-TIME ANALYZED :

ANALYSIS : PURGE

CONDITIONS :

CHLOROMETHANE	UG/L	:	<1.0
METHYL BROMIDE	UG/L	:	<1.0
VINYL CHLORIDE	UG/L	:	<1.0
CHLOROETHANE	UG/L	:	<1.0
METHYLENE CHLORIDE	UG/L	:	<1.0
DICHLOROFLUOROMETHANE	UG/L	:	<10.
ACROLEIN	UG/L	:	<25.
ACRYLONITRILE	UG/L	:	<25.
TRICHLOROFLUOROMETHANE	UG/L	:	<1.0
1,1-DICHLOROETHENE	UG/L	:	<0.50
1,1-DICHLOROETHANE	UG/L	:	<1.0
1,2-DICHLOROETHENE	UG/L	:	<0.50
CHLOROFORM	UG/L	:	<0.50
1,2-DICHLOROETHANE	UG/L	:	<1.0
111-TRICHLOROETHANE	UG/L	:	<0.50
CARBON TETRACHL	UG/L	:	<0.40
BROMODICHLOROMETHANE	UG/L	:	<0.75
1,2-DICHLOROPROPANE	UG/L	:	<0.40
DICHLOROPROPENE	UG/L	:	<1.0
TRICHLOROETHENE	UG/L	:	<0.50
BENZENE	UG/L	:	<0.40
CHLORODIBROMOMETHANE	UG/L	:	<0.40
112-TRICHLOROETHANE	UG/L	:	<0.50
EDB	UG/L	:	<1.0
2CHLOROETHYLVINYLETHER	UG/L	:	<50.
BROMOFORM	UG/L	:	<1.0
1122-TETRACHLOROETHANE	UG/L	:	<0.50
TETRACHLOROETHENE	UG/L	:	<1.0
TOLUENE	UG/L	:	<1.0
CHLOROBENZENE	UG/L	:	<1.0
ETHYLBENZENE	UG/L	:	<1.0
CUMENE	UG/L	:	<1.0
STYRENE	UG/L	:	<0.50
TOTAL XYLENES	UG/L	:	<1.0
PROPYLBENZENE	UG/L	:	<1.0
m-DICHLOROBENZENE	UG/L	:	<0.50
p-DICHLOROBENZENE	UG/L	:	<1.0
o-DICHLOROBENZENE	UG/L	:	<1.0
124-TRIMETHYLBENZENE	UG/L	:	NS
para-CYMENE	UG/L	:	NS
MTBE	UG/L	:	<2.0
OTHER VOLATILES	:	:	NOT DETECTED
DATE-TIME ANALYZED		:	09/15/89 17:03:00
YST	:	:	R. SUTTON

STATUS REPORT - SAMPLE NUMBER : 89080201

SAMPLE NUMBER : 89080201
STATUS OF SAMPLE : 06 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED : 06/02/89 15:44:59 MODIFIED : 09/15/89 07:55:23
DAYS : 044 DATE PROMISED : 09/01/89
PRIORITIZATION : 3
PROJECT CODE : INORG
SUBMITTER : HRS DUVAL CPHL
CHARGE NUMBER :
MATRIX : WATER
DATE-TIME COLLECTED : 08/02/89 12:30:00
DATE RECEIVED : 08/02/89
COLLECTED BY : EMBERLEY
SAMPLE NAME : AIRBASE MHP/WELL
SAMPLE ADDRESS : 6500 YUKON RD.
CITY :
STATE : FL
ZIP :
COUNTY : DUVAL
HRS DISTRICT :
DER DISTRICT :
LATITUDE :
LONGITUDE :
[illegible]R SYSTEM : 40
COMP / RECHK / OTHER : F
SYSTEM ID : 2160013
RAW / TREATED : R
FIELD PH : 7.7
FIELD CONDUCTIVITY :
FIELD CHLORINE :
TEMPERATURE :
CODE TYPE :
CODE :
CODE TYPE :
CODE :
COMMENT : MCL VIOLATION FOR IRON
COMMENT :

ANALYSIS	DESCRIPTION
ICP	ICP METALS / EPA 200.7
AS	ARSENIC / EPA 206.2
PB	LEAD / EPA 239.2
CD	CADMIUM / EPA 213.2
SE	SELENIUM / EPA 270.2
HG	MERCURY / EPA 245.1
IONCH	ANIONS BY ION CHROMATOGRAPHY / EPA 300.0
F	FLUORIDE / EPA 341.2
[illegible]E	PURGEABLES / GC/MS / EPA 524.1 OR 524.2

ANALYSIS : ICP

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ZINC	MG/L	<0.500
BARIUM	MG/L	<0.100
SODIUM	MG/L	<15.0
MANGANESE	MG/L	<0.0050
IRON	**MG/L**	**0.769**
CHROMIUM	MG/L	<0.0050
CALCIUM	MG/L	47.2
SILVER	MG/L	<0.010
MAGNESIUM	MG/L	19.3
COPPER	MG/L	<0.100

DATE - TIME ANALYZED : 09/08/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : AS

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ARSENIC	MG/L	<0.0020

DATE - TIME ANALYZED : 09/08/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : PB

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :

ANALYSIS : PB

DATE-TIME ANALYZED :
CONDITIONS :

LEAD MG/L : <0.010
DATE - TIME ANALYZED : 08/04/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : CD

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CADMIUM MG/L : <0.0020
DATE - TIME ANALYZED : 08/07/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : SE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SELENIUM MG/L : <0.0020
DATE - TIME ANALYZED : 08/04/89 00:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : HG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

MERCURY MG/L : <0.00020
DATE - TIME ANALYZED : 05/16/89 10:40:34
ANALYST : : J. SCHMITZ

ANALYSIS : IONCH

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLORIDE MG/L : 7.[illegible]
NITRATE AS N MG/L : <0.100
SULFATE AS SO4 MG/L : 75.2
DATE - TIME ANALYZED : 06/03/89 14:18:00
ANALYST : : J. SCHMITZ

ANALYSIS : F

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE AS F MG/L : 0.51
DATE - TIME ANALYZED : 05/07/89 11:40:00
ANALYST : : J. SCHMITZ

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLOROMETHANE	UG/L	:	<1.0
METHYL BROMIDE	UG/L	:	<1.0
VINYL CHLORIDE	UG/L	:	<1.0
CHLOROETHANE	UG/L	:	<1.0
METHYLENE CHLORIDE	UG/L	:	<1.0
DICHLORODIFLUOROMETHANE	UG/L	:	<10.
ACROLEIN	UG/L	:	<25.
ACRYLONITRILE	UG/L	:	<25.
TRICHLOROFLUOROMETHANE	UG/L	:	<1.0
1,1-DICHLOROETHENE	UG/L	:	<0.50
1,1-DICHLOROETHANE	UG/L	:	<1.0
1,2-DICHLOROETHENE	UG/L	:	<0.50
CHLOROFORM	UG/L	:	<0.60
1,2-DICHLOROETHANE	UG/L	:	<1.0
1,1,1-TRICHLOROETHANE	UG/L	:	<0.50
CARBON TETRACL	UG/L	:	<0.60
BROMODICHLOROMETHANE	UG/L	:	<0.75
1,2-DICHLOROPROPANE	UG/L	:	<0.40
1,3-DICHLOROPROPENE	UG/L	:	<1.0
TRICHLOROETHENE	UG/L	:	<0.50
BENZENE	UG/L	:	<0.40
CHLORODIBROMOMETHANE	UG/L	:	<0.90
1,1,2-TRICHLOROETHANE	UG/L	:	<0.50
EDB	UG/L	:	<1.0
2CLETHYLVINYLETHER	UG/L	:	<50.
BROMOFORM	UG/L	:	<1.0
1,1,2,2-TETRACHLOROETHANE	UG/L	:	<0.60
TETRACHLOROETHENE	UG/L	:	<1.0
TOLUENE	UG/L	:	<1.0
CHLOROBENZENE	UG/L	:	<1.0
ETHYLBENZENE	UG/L	:	<1.0
CUMENE	UG/L	:	<1.0
STYRENE	UG/L	:	<0.50
TOTAL XYLENES	UG/L	:	<1.0
PROPYLBENZENE	UG/L	:	<1.0
m-DICHLOROBENZENE	UG/L	:	<0.50
p-DICHLOROBENZENE	UG/L	:	<1.0
o-DICHLOROBENZENE	UG/L	:	<1.0
1,2,4-TRIMETHYLBENZENE	UG/L	:	NS
P-CYMENE	UG/L	:	NS
[illegible]	UG/L	:	<2.0

ANALYSIS : PURGE

OTHER VOLATILES : : NOT DETECTED
DATE-TIME ANALYZED : 08/15/89 13:52:00
ANALYST : : R. SUTTON

STATUS REPORT - SAMPLE NUMBER : 89050202

SAMPLE NUMBER : 89050202
STATUS OF SAMPLE : 08 SAMPLE STATUS HIST : 87510000
DATE-TIME ENTERED : 08/02/89 15:46:13 MODIFIED : 08/29/89 11:01:58
DAYS : 044 DATE PROMISED : 09/01/89
PRIORITIZATION : 3
PROJECT CODE : INORG
SUBMITTER : HRS DUVAL CPHU
CHARGE NUMBER :
MATRIX : WATER
DATE-TIME COLLECTED : 08/02/89 11:30:00
DATE RECEIVED : 08/02/89
COLLECTED BY : CLACK
SAMPLE NAME : DAGAIL CT. APTS/AERATOR #1
SAMPLE ADDRESS : 4300 DAGAIL LANE
CITY :
STATE : FL
ZIP :
COUNTY : DUVAL
HRS DISTRICT :
DER DISTRICT :
LATITUDE :
LONGITUDE :
[illegible]R SYSTEM : 40
[illegible]MP / RECHK / CT-EF : 3
SYSTEM ID : 2161337
RAW / TREATED : R
FIELD PH : 7.8
FIELD CONDUCTIVITY :
FIELD CHLORINE :
TEMPERATURE :
CODE TYPE :
CODE :
CODE TYPE :
CODE :
COMMENT :
COMMENT :

ANALYSIS	DESCRIPTION
ICP	ICP METALS / EPA 200.7
AS	ARSENIC / EPA 206.2
PB	LEAD / EPA 239.2
CD	CADMIUM / EPA 213.2
SE	SELENIUM / EPA 270.2
HG	MERCURY / EPA 245.1
IONCH	ANIONS BY ION CHROMATOGRAPHY / EPA 300.0
F	FLUORIDE / EPA 341.2
[illegible]E	PURGEABLES / GC/MS / EPA 524.1 OR 524.2

ANALYSIS : ICP

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ZINC	MG/L	<0.500
BARIUM	MG/L	<0.100
SODIUM	MG/L	<15.0
MANGANESE	MG/L	<0.0050
IRON	MG/L	<0.030
CHROMIUM	MG/L	<0.0050
CALCIUM	MG/L	34.9
SILVER	MG/L	<0.010
MAGNESIUM	MG/L	18.1
COPPER	MG/L	<0.100

DATE - TIME ANALYZED : 08/09/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : AS

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

ARSENIC MG/L : <0.0030
DATE - TIME ANALYZED : 08/09/89 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : PB

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :

ANALYSIS : PB

DATE-TIME ANALYZED :
CONDITIONS :

LEAD MG/L : <0.010
DATE - TIME ANALYZED : 06/04/99 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : CD

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CADMIUM MG/L : <0.0020
DATE - TIME ANALYZED : 06/07/99 09:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : SE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

SELENIUM MG/L : <0.0020
DATE - TIME ANALYZED : 06/08/99 02:00:00
ANALYST : : L. BLACKWELL

ANALYSIS : HG

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

MERCURY MG/L : 0.00027
DATE - TIME ANALYZED : 09/16/99 10:40:47
ANALYST : : J. SCHMITZ

ANALYSIS : IONCH

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLORIDE MG/L : 7.20
NITRATE AS N MG/L : <0.100
SULFATE AS SO4 MG/L : 59.6
DATE - TIME ANALYZED : 08/02/99 16:29:00
ANALYST : : J. SCHMITZ

ANALYSIS : F

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

FLUORIDE AS F MG/L : 0.49
DATE - TIME ANALYZED : 08/07/99 11:40:00
ANALYST : : J. SCHMITZ

ANALYSIS : PURGE

DATE-TIME EXP / EXT :
DATE-TIME EXP / ANL :
DATE-TIME EXTRACTED :
DATE-TIME ANALYZED :
CONDITIONS :

CHLOROMETHANE	UG/L	:	<1.0
METHYL BROMIDE	UG/L	:	<1.0
VINYL CHLORIDE	UG/L	:	<1.0
CHLOROETHANE	UG/L	:	<1.0
M'LENE CHLORIDE	UG/L	:	<1.0
DIC'DIF'METHANE	UG/L	:	<10.
ACROLEIN	UG/L	:	<25.
ACRYLONITRILE	UG/L	:	<25.
TRIC'F'METHANE	UG/L	:	<1.0
1,1-DIC'ETHENE	UG/L	:	<0.50
1,1-DIC'ETHANE	UG/L	:	<1.0
1,2-DIC'ETHENE	UG/L	:	<0.50
CHLOROFORM	UG/L	:	<0.60
1,2-DIC'ETHANE	UG/L	:	<1.0
1,1,1-TRIC'ETHANE	UG/L	:	<0.50
CARBON TETRACL	UG/L	:	<0.60
BRO'DIC'METHANE	UG/L	:	<0.75
1,2-DIC'PROPANE	UG/L	:	<0.40
1,3-DIC'PROPENE	UG/L	:	<1.0
TRICHLOROETHENE	UG/L	:	<0.50
BENZENE	UG/L	:	<0.40
C'DIBRO'METHANE	UG/L	:	<0.90
112-TRIC'ETHANE	UG/L	:	<0.50
EDB	UG/L	:	<1.0
2C'ET'VIN'ETHER	UG/L	:	<50.
BROMOFORM	UG/L	:	<1.0
1122-T'C'ETHANE	UG/L	:	<0.60
TETRACHL'ETHENE	UG/L	:	<1.0
TOLUENE	UG/L	:	<1.0
CHLOROBENZENE	UG/L	:	<1.0
ETHYLBENZENE	UG/L	:	<1.0
CUMENE	UG/L	:	<1.0
STYRENE	UG/L	:	<0.50
TOTAL XYLENES	UG/L	:	<1.0
PROPYLBENZENE	UG/L	:	<1.0
m-DICHL'BENZENE	UG/L	:	<0.50
p-DICHL'BENZENE	UG/L	:	<1.0
o-DICHL'BENZENE	UG/L	:	<1.0
124-T'M'BENZENE	UG/L	:	NS
[illegible]CYMENE	UG/L	:	NS
[illegible]	UG/L	:	<2.0

ANALYSIS : PURGE

OTHER VOLATILES : : NOT DETECTED
DATE-TIME ANALYZED : 08/15/89 14:42:00
ANALYST : : R. SUTTON

State of Florida
Department of Health and Rehabilitative Services
Office of Laboratory Services
P. O. Box 210
Jacksonville, Florida 32231

Submitting Agency: Duval Co. Public Health
Address: 515 W. Sixth St
Jacksonville, FL 32206

DRINKING WATER CHEMICAL ANALYSIS

System Name: Airbase MHP
County: Duval
Collector: OLACK / EMBERL
Address: 6300 Yukon Rd.
System I.D. No.: 2160013
DER District: II
Sample Site: well
Raw or Treated: Raw
Temperature: —
Date and Time Collected: 8-2-89
Field Chlorine, mg/l: —
Field pH: 7.7

Circle one: 40. Community public water system 41. Non-community public water system 42. Other public water system 43. Private water system

Circle one: 1. Compliance 2. Recheck 3. Other (indicate below parameters to be tested for items 2 or 3).

INORG
PURGEABLES

PRIMARY STANDARDS			SECONDARY STANDARDS			GENERAL	
PARAMETER	METHOD†	RESULT**	PARAMETER	METHOD†	RESULT**	PARAMETER	RESULT**
Arsenic as As			Chloride as Cl			Total Hardness as $CaCO_3$ (c)	
Barium as Ba			Color*			Total Alkalinity as $CaCO_3$	
Cadmium as Cd			Copper as Cu			N.C.H. as $CaCO_3$ (c)	
Chromium as Cr			Corrosivity*			Bicarbonate as HCO_3 (c)	
Lead as Pb			Foaming Agents			Calcium as Ca	
Mercury as Hg			H_2S			Magnesium as Mg	
Selenium as Se			Iron as Fe			Carbon Dioxide as CO_2 (c)	
Silver as Ag			Manganese as Mn			Bicarbonate as $CaCO_3$ (c)	
Nitrate as N			Odor*			Carbonate as $CaCO_3$ (c)	
Fluoride as F			pH*			Hydroxide as $CaCO_3$ (c)	
Turbidity,* NTU			Sulfate as SO_4			Sodium as Na	
			TDS				
Endrin			Zinc as Zn			pHs* (c)	
Lindane						Stability Index* 2pHs-pH (c)	
Methoxychlor						Saturation Index* pH-pHs (c)	
Toxaphene						INTERPRETATION: Stable	
2, 4-D						Corrosive	
2, 4-5 TP Silvex						Scale Forming	
Trihalomethanes			DER reviewer:				
			Action required:				

Note: *All results in mg/liter except those denoted
†List of methods available on request

(c) = Calculated value
**BDL = Below detection limit, see reverse side

Date and Time Received:
Laboratory I.D. No.:
Date Reported:
Remarks:
Analysts:

Send copies to Chris Carter
Case # RS891027
Sp # 89080200
Sample # 89080201

HRS Form 1125, May 79 (Obsoletes HRS(TEST) Form 32)

State of Florida
Department of Health and Rehabilitative Services
Office of Laboratory Services
P. O. Box 210
Jacksonville, Florida 32231

Submitting Agency Duval Co. Public Health
Address 515 W. Sixth St.
Jacksonville, FL 32206

DRINKING WATER CHEMICAL ANALYSIS

System Name: Dagail Ct. Apts
County: Duval
Collector: Emberley + Clark
Address 4300 Dagail Lane
System I.D. No.: 2161337
DER District II
Sample Site: aerator #1
Raw or Treated: Raw
Temperature
Date and Time Collected: 8-2-89 ~11:30
Field Chlorine, mg/l: —
Field pH: 7.8

Circle one: 40. Community public water system 41. Non-community public water system 42. Other public water system 43. Private water system

Circle one: 1. Compliance 2. Recheck 3. Other (indicate below parameters to be tested for items 2 or 3).

INORG
PURGEABLES

PRIMARY STANDARDS			SECONDARY STANDARDS			GENERAL	
PARAMETER	METHOD†	RESULT**	PARAMETER	METHOD†	RESULT**	PARAMETER	RESULT**
Arsenic as As			Chloride as Cl			Total Hardness as $CaCO_3$ (c)	
Barium as Ba			Color*			Total Alkalinity as $CaCO_3$	
Cadmium as Cd			Copper as Cu			N.C.H. as $CaCO_3$ (c)	
Chromium as Cr			Corrosivity*			Bicarbonate as HCO_3 (c)	
Lead as Pb			Foaming Agents			Calcium as Ca	
Mercury as Hg			H_2S			Magnesium as Mg	
Selenium as Se			Iron as Fe			Carbon Dioxide as CO_2 (c)	
Silver as Ag			Manganese as Mn			Bicarbonate as $CaCO_3$ (c)	
Nitrate as N			Odor*			Carbonate as $CaCO_3$ (c)	
Fluoride as F			pH*			Hydroxide as $CaCO_3$ (c)	
Turbidity,* NTU			Sulfate as SO_4			Sodium as Na	
			TDS				
Endrin			Zinc as Zn			pHs* (c)	
Lindane						Stability Index* 2pHs-pH (c)	
Methoxychlor						Saturation Index* pH-pHs (c)	
Toxaphene						INTERPRETATION: Stable	
2, 4-D						Corrosive	
2, 4-5 TP Silvex						Scale Forming	
Trihalomethanes			DER reviewer:				
			Action required:				

Note: *All results in mg/liter except those denoted
†List of methods available on request

(c) = Calculated value
**BDL = Below detection limit, see reverse side

Date and Time Received:

Laboratory I.D. No.:

Date Reported:

Remarks:

Analysts:

Send cc: Chris Carter
Call #R5591027
Sample #8908030

HRS Form 1125, May 79 (Obsoletes HRS(TEST) Form 32)