



LABORATORY SERVICES

PUBLIC DRINKING WATER ANALYSIS REPORT

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

submitted w/  
1/28/96  
permit response

complete - Wells 4MW3A  
4 MW7  
partial

No other  
well  
results  
submitted

AA  
2/2/96

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

System Name: 9793193 I.D. #: \_\_\_\_\_

Address: \_\_\_\_\_ Phone #: \_\_\_\_\_  
Type (check one): ( ) Community ( ) Noncommunity ( ) Nontransient Noncommunity

SAMPLE INFORMATION (to be completed by sampler)

Sample Date (MMDDYY) 7/5/95 Sample Time: \_\_\_\_\_

Sample Location (be specific): \_\_\_\_\_

Sampler Name and Phone: \_\_\_\_\_

Sampler's Signature: \_\_\_\_\_ Title: \_\_\_\_\_

- Check Type(s):
- ( ) Distribution
  - ( ) Resample
  - ( ) Plant Tap
  - ( ) Composite of Multiple Sites--Attach a format for each site
  - ( ) Recheck of MCL
  - ( ) Clearance
  - ( ) Distrib entry pt
  - ( ) Raw
  - ( ) Thm Max Res Time

LABORATORY CERTIFICATION INFORMATION (to be completed by lab) -- Attach Analyte Sheet

Lab Name: KNL Laboratory Services HRS#: 84252 Expiration Date: June Renewal  
Address: PO Box 1833, Tampa, FL 33601 Phone #: 813-229-2879

Subcontracted Lab HRS #: \_\_\_\_\_ Groups Analyzed: \_\_\_\_\_

Subcontracted Lab HRS #: \_\_\_\_\_ Groups Analyzed: \_\_\_\_\_

ANALYSIS INFORMATION (to be completed by lab) -- KNL Sample No. 82207

Date Sample(s) Received: 7/7/95 Group(s) Analyzed: \_\_\_\_\_

- ( ) Nitrate/Nitrite Only
- ( ) Asbestos Only
- ( ) Trihalomethanes [field Cl<sub>2</sub> \_\_\_\_\_]
- Inorganics-- ( ) All 17
- Volatile Organics-- ( ) All 21
- Secondaries-- ( ) All 14
- Pesticides & PCB's-- ( ) All 30
- ( ) All except asbestos ( ) Partial
- ( ) Partial [field pH \_\_\_\_\_]
- ( ) All except dioxin ( ) Partial
- Group I Unregulateds-- ( ) All 13
- Group II Unregulateds-- ( ) All 23
- Group III Unregulateds-- ( ) All 11
- Radiochemicals-- ( ) Single Sample
- ( ) Partial ( ) Partial
- ( ) Qtrly Composite\*

\*Provide radiochemical sample dates & locations for each quarter

I, Garrett McGibbon, do HEREBY CERTIFY that all attached analytical data are correct.

Signature Garrett McGibbon Title: Laboratory Mgr. Date: JUL 20 1995

COMPLIANCE INFORMATION (to be completed by State)

Sample Collection Satisfactory \_\_\_\_\_ Sample Analysis Satisfactory \_\_\_\_\_

Resample Requested for \_\_\_\_\_ Reason: \_\_\_\_\_

Person notified to resample: \_\_\_\_\_ Date Notified \_\_\_\_\_

DEP/HRS Reviewing Official \_\_\_\_\_ Effective 9/94



DEP COMPQAP #870251  
Lab ID: 84252

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Fax (813) 229-0002

RADIOCHEMICAL ANALYSIS

62-550.310(4)

(PWS033)

Parameter ID	Name	Sample Number	Analysis Result (pCi/l)	Analytical Method	Analysis Error	Analysis Date
4000	Gross Alpha	82207	1.1	EPA 900.0	± 0.7	7-14-95

Alpha Standard: Th-230

# PAUL R. MCGINNES AND ASSOCIATES CONSULTING LABORATORIES, INC.

4168 WESTROADS DRIVE - WEST PALM BEACH, FLORIDA 33407-1241 - (407) 842-2849

BROWARD TESTING LABORATORY  
4416 N.E. 11th AVE  
FORT LAUDERDALE, FL 33334

9507056-02A  
Report Date: 07/20/95

Attn: GARY MEYER

Project ID: BTL 979 3192-3195  
Sample ID: BTL 979 3193

Date Received: 07/07/95  
Date Collected: 07/05/95

Water samples submitted by Broward Testing Laboratory, Inc.  
in laboratory containers.

Test Name	Method	Result	Units	Detection	Date	Analyst
				Limit	Started	
BASE/ACID/PEST-Extraction	SW 3510				07/11/95	TLS
PRIORITY POLLUTANTS: VOLATILE COMPOUNDS	SW 8240		µg/L		07/10/95	MJM
Acrolein		<100		100		
Acrylonitrile		<25		25		
Benzene		<1		1		
Bromoform		<1		1		
Carbon tetrachloride		<1		1		
Chlorobenzene		<1		1		
Chlorodibromomethane		<1		1		
Chloroethane		<1		1		
2-Chloroethyl vinyl ether		<10		10		
Chloroform		<1		1		
Dichlorobromomethane		<1		1		
1,1-Dichloroethane		<1		1		
1,2-Dichloroethane		<1		1		
1,1-Dichloroethylene		<1		1		
1,2-Dichloropropane		<1		1		
1,3-Dichloropropane		<1		1		
Ethylbenzene		<1		1		
Methyl bromide		<1		1		
Methyl chloride		<1		1		
Methylene chloride		<1		1		
1,1,2,2-Tetrachloroethane		<1		1		
Tetrachloroethylene		<1		1		
Toluene		<1		1		
trans-1,2-Dichloroethene		<1		1		
1,1,1-Trichloroethane		<1		1		
1,1,2-Trichloroethane		<1		1		
Trichloroethylene		<1		1		
Vinyl chloride		<1		1		

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BROWARD TESTING LABORATORY

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Project ID: BTL 979 3192-3195

Sample ID: BTL 979 3193

<u>Test Name</u>	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Detection Limit</u>	<u>Date Started</u>	<u>Analyst</u>
PRIORITY POLLUTANTS, $\mu\text{g/L}$	SW 8270		$\mu\text{g/L}$		07/13/95	MJM
ACID COMPOUNDS						
2-Chlorophenol		<10		10		
2,4-Dichlorophenol		<10		10		
2,4-Dimethylphenol		<10		10		
4,6-Dinitro-2-methylphenol		<10		10		
2,4-Dinitrophenol		<10		10		
2-Nitrophenol		<10		10		
4-Nitrophenol		<10		10		
4-Chloro-3-methylphenol		<10		10		
Pentachlorophenol		<20		20		
Phenol		<20		20		
2,4,6-Trichlorophenol		<10		10		
PRIORITY POLLUTANTS: BASE NEUTRAL COMPOUNDS						
Acenaphthene		<10		10		
Acenaphthylene		<10		10		
Anthracene		<10		10		
Benzidine		<50		50		
Benz[a]anthracene		<10		10		
Benzo[a]pyrene		<10		10		
Benzo[b]fluoranthene		<10		10		
Benzo[ghi]perylene		<10		10		
Benzo[k]fluoranthene		<10		10		
bis(2-chloroethoxy)methane		<10		10		
bis(2-chloroethyl)ether		<10		10		
bis(2-Chloroisopropyl)ether		<10		10		
bis(2-Ethylhexyl) phthalate		<10		10		
4-Bromophenyl phenyl ether		<10		10		
Butyl benzyl phthalate		<10		10		
2-Chloronaphthalene		<10		10		
4-Chlorophenyl phenyl ether		<20		20		
Chrysene		<10		10		
Dibenz[ah]anthracene		<10		10		
1,2-Dichlorobenzene		<10		10		
1,3-Dichlorobenzene		<10		10		
1,4-Dichlorobenzene		<10		10		
3,3'-Dichlorobenzidine		<20		20		
Diethyl phthalate		<10		10		
Dimethyl phthalate		<10		10		
di-n-Butyl phthalate		<10		10		
2,4-Dinitrotoluene		<10		10		

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Project ID: BTL 979 3192-3195

Sample ID: BTL 979 3193

<u>Test Name</u>	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Detection Limit</u>	<u>Date Started</u>	<u>Analyst</u>
(Continued)						
2,6-Dinitrotoluene		<10		10		
Di-n-octyl phthalate		<10		10		
1,2-Diphenylhydrazine		<10		10		
Fluoranthene		<10		10		
Fluorene		<10		10		
Hexachlorobenzene		<10		10		
Hexachlorobutadiene		<10		10		
Hexachlorocyclopentadiene		ND				
Hexachloroethane		<10		10		
Indeno[1,2,3-cd]pyrene		<10		10		
Isophorone		<10		10		
Naphthalene		<10		10		
Nitrobenzene		<10		10		
N-Nitrosodimethylamine		<20		20		
N-nitroso-di-n-propylamine		<50		50		
N-nitrosodiphenylamine		<20		20		
Phenanthrene		<10		10		
Pyrene		<10		10		
1,2,4-Trichlorobenzene		<10		10		
PRIORITY POLLUTANTS:						
PESTICIDE COMPOUNDS						
Aldrin		<20		20		
alpha-BHC		<20		20		
beta-BHC		<20		20		
gamma-BHC		<20		20		
delta-BHC		<20		20		
Chlordane		<50		50		
4,4'-DDT		<20		20		
4,4'-DDE		<20		20		
4,4'-DDD		<20		20		
Dieldrin		<20		20		
Endosulfan I		<20		20		
Endosulfan II		<50		50		
Endosulfan sulfate		<20		20		
Endrin		<20		20		
Endrin aldehyde		<50		50		
Heptachlor		<20		20		
Heptachlor epoxide		<20		20		
PCB-1016		<50		50		
PCB-1221		<50		50		
PCB-1232		<50		50		
PCB-1242		<50		50		

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CONSULTING LABORATORIES, INC.**

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BROWARD TESTING LABORATORY

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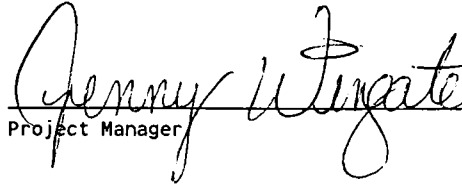
Project ID: BTL 979 3192-3195

Sample ID: BTL 979 3193

<u>Test Name</u>	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Detection Limit</u>	<u>Date Started</u>	<u>Analyst</u>
(Continued)						
PCB-1248		<50		50		
PCB-1254		<50		50		
PCB-1260		<50		50		
Toxaphene		<300		300		
DIOXIN SCAN		ND				

All analyses by McGinnes Laboratories performed using EPA and DEP approved methods per Paul R. McGinnes & Associates Consulting Laboratories, Inc. Quality Assurance Plan #870232G. All quality assurance samples met regulatory and in-house quality control limits unless otherwise specified. DHRS Laboratory ID Nos. 86140/E86070.

  
Laboratory Director

  
Project Manager

193=06

MONITORING WELL  
SAMPLING FIELD DATA

Site Name (from permit) CLASS III LANDFILL Site GMS# (from permit) 4051M30035

Well "Name" (from permit) 4MW7 Well Testsite # (from permit) \_\_\_\_\_

Does well appear to be damaged in any way? Yes/No.

If yes, explain \_\_\_\_\_

Distance from top of casing to top of water (feet) (0.01 precision) \_\_\_\_\_

Distance from top of casing to bottom of well (feet) 27.0

Length of water column (feet) \_\_\_\_\_ Diameter of well casing (inches) \_\_\_\_\_

Volume of water column in well (gallons) \_\_\_\_\_

Top of casing elevation (feet NGVD) \_\_\_\_\_

Water level elevation (feet NGVD) 27.38

PURGING DEVICE

<u>Pump</u>	<u>Bailer</u>	<u>Other</u>
Type <u>BLADDER</u>	Bailer Volume _____ (gallons)	Narrative Discription Required
Rate _____	# of Bailers Removed _____	

\* Three to five well volumes must be purged prior to sample colletion.

Purge Time Start \_\_\_\_\_ End \_\_\_\_\_ Volume Purged (gallons) \_\_\_\_\_

Log of Field Measurements taken Prior to Sample Collection

\* Field measurements must be stabilized over at least three consecutive readings.

Time	<u>1015</u>	_____	_____	_____	_____	_____
Volume removed (w/units)	_____	_____	_____	_____	_____	_____
pH	<u>7.21</u>	_____	_____	_____	_____	_____
Temp. (°C)	<u>25.1</u>	_____	_____	_____	_____	_____
Sp. Cond. (umho/cm)	<u>222</u>	_____	_____	_____	_____	_____
Eh Redox (mv)	_____	_____	_____	_____	_____	_____
Appearance	_____	_____	_____	_____	_____	_____

Sample Device \_\_\_\_\_ Composition of Device \_\_\_\_\_

Sample Date 07/05/95 Sample Time 1015

Sample Collected by Chris Childress of Pasco County Environmental Lab.

Laboratory Analyses by \_\_\_\_\_

NGVD = National Geodetic Vertical Datum

Form AP1



# BROWARD TESTING LABORATORY, INC.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Date: 07/26/95 Report #: 9793194 Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES  
ATTN: CANDY MULHERN  
8864 GOVERNMENT DR.

Date Collected: / /  
Time Collected:  
ID: 4MW8

NEW PORT RICHEY, FL 34654- S

Date received at lab: 07/06/95 Time received at lab: 12:15

NOTE: "\*" The MCL (Maximum Contaminant Level) or an established guideline has been exceeded for this contaminant.

"ND" This contaminant was not detected at or above our stated detection limit.

Fed Analysis Id #	Analysis Performed	MCL (MG/L)	Sample Number	Analysis Result	Method	MDL	Anal Date
Primary Inorganic Analysis 62-550.310 (1) (PWS030)							
1074	Antimony	0.006	9793194	ND	204.2	0.003	07/06/95
1075	Beryllium	0.004	9793194	ND	210.2	0.0002	07/07/95
1020	Chromium	0.1	9793194	ND	218.2	0.001	07/07/95
1030	Lead	0.015	9793194	ND	239.2	0.0004	07/11/95
1024	Cyanide	0.2	9793194	ND	335.2	0.015	07/06/95
1025	Fluoride	4.0	9793194	0.06	340.2	0.02	07/06/95
1040	Nitrate-N	10.0	9793194	0.305	353.2	0.02	07/06/95
1041	Nitrite	1.0	9793194	ND	353.2	0.01	07/06/95
Secondary Inorganic Analysis 62-550.320 (PWS031)							
1017	Chloride	250	9793194	6.16	407a	0.02	07/06/95
1905	Color	15	9793194	ND	110.3	5.0	07/06/95
2909	Foaming Agents	0.5	9793194	ND	512B	0.1	07/06/95
1920	Odor	3 ton	9793194	1	140.1	1.0	07/06/95
1925	pH	6.5-8.5	9793194	7.41	150.1	0.01	07/06/95
1055	Sulfate	250	9793194	3.11	426c	0.10	07/06/95
1930	TDS	500	9793194	182	160.1	10	07/07/95





# BROWARD TESTING LABORATORY, INC.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



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Fed Id #	Analysis Performed	MCL (UG/L)	Sample Number	Analysis Result	Method	MDL	Anal Date
Volatile Organic Analysis 62-550.310(2)(b) (PWS028)							
2950	TThms	0.10	9793194	ND	502.2	0.001	07/06/95
2378	1,2,4-Trichlorobenzene	70	9793194	ND	502.2	0.5	07/06/95
2380	Cis-1,2-Dichloroethylene	70	9793194	ND	502.2	0.5	07/06/95
2955	Xylenes	10000	9793194	ND	502.2	0.5	07/06/95
2964	Dichloromethane	5	9793194	ND	502.2	0.5	07/06/95
2968	o-Dichlorobenzene	600	9793194	ND	502.2	0.5	07/06/95
2969	Para-Dichlorobenzene	75	9793194	ND	502.2	0.5	07/06/95
2976	Vinyl Chloride	1	9793194	ND	502.2	0.5	07/06/95
2977	1,1-Dichloroethylene	7	9793194	ND	502.2	0.5	07/06/95
2979	Trans-1,2-Dichloroethylene	100	9793194	ND	502.2	0.5	07/06/95
2980	1,2-Dichloroethane	3	9793194	ND	502.2	0.5	07/06/95
2981	1,1,1-Trichloroethane	200	9793194	ND	502.2	0.5	07/06/95
2982	Carbon Tetrachloride	3	9793194	ND	502.2	0.5	07/06/95
2983	1,2-Dichloropropane	5	9793194	ND	502.2	0.5	07/06/95
2984	Trichloroethylene	3	9793194	ND	502.2	0.5	07/06/95
2985	1,1,2-Trichloroethane	5	9793194	ND	502.2	0.5	07/06/95
2987	Tetrachloroethylene	3	9793194	ND	502.2	0.5	07/06/95
2989	Monochlorobenzene	100	9793194	ND	502.2	0.5	07/06/95
2990	Benzene	1	9793194	ND	502.2	0.5	07/06/95
2991	Toluene	1000	9793194	ND	502.2	0.5	07/06/95
2992	Ethylbenzene	700	9793194	ND	502.2	0.5	07/06/95
2996	Styrene	100	9793194	ND	502.2	0.5	07/06/95
2210	Chloromethane	----	9793194	ND	502.2	0.5	07/06/95
2967	1,3-Dichlorobenzene	----	9793194	ND	502.2	0.5	07/06/95
2228	Cis-1,3-Dichloropropene	----	9793194	ND	502.2	0.5	07/06/95
2276	Trans-1,3-Dichloropropene	----	9793194	ND	502.2	0.5	07/06/95
2212	Dichlorodifluoromethane	----	9793194	ND	502.2	0.5	07/06/95
2214	Bromomethane	----	9793194	ND	502.2	0.5	07/06/95
2216	Chloroethane	----	9793194	ND	502.2	0.5	07/06/95
2218	Trichlorofluoromethane	----	9793194	ND	502.2	0.5	07/06/95
2251	Methyl Tert Butyl Ether	----	9793194	ND	502.2	0.5	07/06/95
2408	Dibromomethane	----	9793194	ND	502.2	0.5	07/06/95
2410	1,1-Dichloropropylene	----	9793194	ND	502.2	0.5	07/06/95
2412	1,3-Dichloropropane	----	9793194	ND	502.2	0.5	07/06/95
2414	1,2,3-Trichloropropane	----	9793194	ND	502.2	0.5	07/06/95
2416	2,2-Dichloropropane	----	9793194	ND	502.2	0.5	07/06/95
2941	Chloroform	----	9793194	ND	502.2	0.5	07/06/95
2942	Bromoform	----	9793194	ND	502.2	0.5	07/06/95
2943	Bromodichloromethane	----	9793194	ND	502.2	0.5	07/06/95
2944	Dibromochloromethane	----	9793194	ND	502.2	0.5	07/06/95
2965	O-Chlorotoluene	----	9793194	ND	502.2	0.5	07/06/95
2966	P-Chlorotoluene	----	9793194	ND	502.2	0.5	07/06/95
-2967	M-Dichlorobenzene	----	9793194	ND	502.2	0.5	07/06/95
5340	1,1-Dichloroethane	----	9793194	ND	502.2	0.5	07/06/95
2986	1,1,1,2-Tetrachloroethane	----	9793194	ND	502.2	0.5	07/06/95
2988	1,1,2,2-Tetrachloroethane	----	9793194	ND	502.2	0.5	07/06/95
2993	Bromobenzene	----	9793194	ND	502.2	0.5	07/06/95



# BROWARD TESTING LABORATORY, INC.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



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Fed Id #	Analysis Performed	MCL (UG/L)	Sample Number	Analysis Result	Method	MDL	Anal Date
2946	Edb	0.01	9793194	ND	504	0.007	07/10/95
2931	Dhcp	0.02	9793194	ND	504	0.011	07/06/95
2105	2,4,-D	70	9793194	ND	515	0.014	07/07/95
2326	Pentachlorophenol	1.0	9793194	ND	515	0.001	07/07/95
2110	2,4,5-TP	50	9793194	ND	515	0.002	07/07/95
2031	Dalapon	200	9793194	ND	515	0.56	07/07/95
2440	Dicamba	----	9793194	ND	515	0.01	07/07/95
2041	Dinoseb	7	9793194	ND	515	0.007	07/07/95
2040	Picloram	500	9793194	ND	515	0.04	07/07/95
-2959	Chlordane	2.0	9793194	ND	508	0.12	07/14/95
-2020	Toxaphene	3	9793194	ND	508	0.06	07/14/95
2383	PCB	0.5	9793194	ND	508	0.14	07/14/95
2033	Endothall	100	9793194	ND	548	5.08	07/12/95
2032	Diquat	20	9793194	ND	549	0.36	07/07/95
2034	Glyphosate	700	9793194	ND	547	1.90	07/06/95
2046	Carbofuran	40	9793194	ND	531	0.73	07/10/95
2036	Oxamyl (Vydate)	200	9793194	ND	531	0.86	07/10/95
2047	Aldicarb	----	9793194	ND	531	0.3	07/10/95
2043	Aldicarb sulfoxide	----	9793194	ND	531	0.49	07/10/95
2044	Aldicarb sulfone	0.002	9793194	ND	531	0.5	07/10/95
2021	Carbaryl	----	9793194	ND	531	0.68	07/10/95
2066	3-Hydroxycarbofuran	----	9793194	ND	531	0.4	07/10/95
2022	Methomyl	----	9793194	ND	531	1.07	07/10/95
2035	Di(2-Ethylhexyl)Adipate	400	9793194	ND	525	0.09	07/07/95
2274	Hexachlorobenzene	1	9793194	ND	525	0.06	07/07/95
2042	Hexachlorocyclopentadiene	50	9793194	ND	525	0.71	07/07/95
2306	Benzo(A)Pyrene	0.2	9793194	ND	525	0.02	07/07/95
2051	Alachlor	2	9793194	ND	525	0.05	07/07/95
2005	Endrin	2	9793194	ND	508	0.01	07/07/95
2065	Heptachlor	0.4	9793194	ND	508	0.016	07/07/95
2067	Heptachlor Epoxide	0.2	9793194	ND	508	0.006	07/07/95
2020	Lindane	0.2	9793194	ND	508	0.014	07/07/95
2015	Methoxychlor	40	9793194	ND	508	0.07	07/07/95
2050	Atrazine	3	9793194	ND	525	0.09	07/07/95
2037	Simazine	4	9793194	ND	525	0.04	07/07/95
2356	Aldrin	----	9793194	ND	525	0.10	07/07/95
2364	Dieldrin	----	9793194	ND	525	0.11	07/07/95
2076	Butachlor	----	9793194	ND	525	0.04	07/07/95
2045	Metolachlor	----	9793194	ND	525	0.05	07/07/95
2595	Metribuzin	----	9793194	ND	525	0.04	07/07/95
2077	Propachlor	----	9793194	ND	525	0.06	07/07/95
9108	2-Chlorophenol	----	9793194	ND	625	10.6	07/11/95





# BROWARD TESTING LABORATORY, INC.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Page 4. Sample Code: 9793194

Fed Id #	Analysis Performed	MCL (UG/L)	Sample Number	Analysis Result	Method	MDL	Anal Date
9115	Phenol	----	9793194	ND	625	2.53	07/11/95
9116	2,4,6-Trichlorophenol	---	9793194	ND	625	2.64	07/11/95
9112	2Methyl4,6 dinitrophenol	----	9793194	ND	625	24.00	07/11/95
9089	Dioctylphthalate	----	9793194	ND	625	4.8	07/11/95
2262	Isophorone	----	9793194	ND	625	2.22	07/11/95
2270	2,4-Dinitrotoluene	----	9793194	ND	625	2.07	07/11/95
2282	Dimethylphthalate	----	9793194	ND	625	1.60	07/11/95
2284	Diethylphthalate	----	9793194	ND	625	1.90	07/11/95
2290	Di-n-butylphthalate	----	9793194	ND	625	2.59	07/11/95
2294	Butyl Benzyl Phthalate	----	9793194	ND	625	3.43	07/11/95
2298	Bis(2-Ethylhexyl)Phthalate	6.0	9793194	ND	525	0.09	07/07/95
504	DATE EXTRACTED						07/10/95
508	DATE EXTRACTED						07/06/95
515	DATE EXTRACTED						07/07/95
525	DATE EXTRACTED						07/06/95
548	DATE EXTRACTED						07/12/95
549	DATE EXTRACTED						07/06/95
625	DATE EXTRACTED						07/11/95

These test results may be used for compliance purposes as required.

-----  
Gary Meyer, Lab Director





**NATIONAL TESTING LABORATORIES INC.**  
 556 SOUTH MANSFIELD YPSILANTI, MI 48197-5166



Date: 07/19/95 Report #: 9790160 Laboratory ID #: 87292

Client: BROWARD TESTING LAB Date Collected: 07/05/95  
 1034 NE 44TH CT. Time Collected:  
 FT. LAUDERDALE, FL 33307- BTL # 979-3194

Date received at lab: 07/10/95 Time received at lab: 09:00

NOTE: "\*" The MCL (Maximum Contaminant Level) or an established guideline has been exceeded for this contaminant.  
 "ND" This contaminant was not detected at or above our stated detection limit.

Fed Analysis Performed Id #	Method	MCL (mg/l)	Det. Level	Level Detected	Anal Date
Inorganic chemicals - metals:					
1002 Aluminum (2)	200.7	0.2**	0.05	0.12	07/11/95
1005 Arsenic	206.3	0.05	0.002	ND	07/12/95
1010 Barium	200.7	2.0	0.10	ND	07/11/95
1015 Cadmium	200.7A	0.005	0.001	ND	07/11/95
1022 Copper	200.7	1.3**	0.002	ND	07/11/95
1028 Iron	200.7	0.3**	0.020	0.023	07/11/95
1032 Manganese (2)	200.7	0.05**	0.004	ND	07/11/95
1035 Mercury	245.1	0.002	0.0002	ND	07/14/95
1036 Nickel (2)	200.7	0.1	0.002	ND	07/11/95
1045 Selenium	270.2	0.05	0.002	ND	07/12/95
1050 Silver	272.2	0.1**	0.002	ND	07/11/95
1052 Sodium	200.7	---	1.0	3.0	07/11/95
1085 Thallium (2)	279.2	0.002	0.001	ND	07/11/95
1095 Zinc	200.7	5.0**	0.004	0.005	07/11/95

\*\* Denotes Secondary Maximum Contaminant Level (SMCL)

These test results may be used for compliance purposes as required.

(2) THESE ANALYTES ARE NOT REQUIRED BY THE U.S.F.D.A. OR THE MASS.D.P.H. FOR FINISHED BOTTLED WATER TESTING AND ARE INCLUDED ONLY FOR THE CLIENT'S INFORMATION. THIS FOOTNOTE DOES NOT APPLY TO SOURCE WATER SAMPLES.

George Kriztian, Lab Director



**BROWARD TESTING LABORATORY, INC.**  
 4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Date: 07/26/95      Report #: 9793192      Laboratory ID #: 86418

Client: PASCO COUNTY UTILITIES  
 ATTN: CANDY MULHERN  
 8864 GOVERNMENT DR.

Date Collected: / /  
 Time Collected:  
 ID: 4MW3A

NEW PORT RICHEY, FL    34654-    3-A

Date received at lab: 07/06/95      Time received at lab: 12:15

NOTE: "\*" The MCL (Maximum Contaminant Level) or an established guideline has been exceeded for this contaminant.

"ND" This contaminant was not detected at or above our stated detection limit.

Fed Analysis Id #	Analysis Performed	MCL (MG/L)	Sample Number	Analysis Result	Method	MDL	Anal Date
Primary Inorganic Analysis 62-550.310 (1) (PWS030)							
1074	Antimony	0.006	9793192	ND	204.2	0.003	07/14/95
1075	Beryllium	0.004	9793192	ND	210.2	0.0002	07/07/95
1020	Chromium	0.1	9793192	ND	218.2	0.001	07/07/95
1030	Lead	0.015	9793192	ND	239.2	0.0004	07/11/95
1024	Cyanide	0.2	9793192	ND	335.2	0.015	07/06/95
1025	Fluoride	4.0	9793192	ND	340.2	0.02	07/06/95
1040	Nitrate-N	10.0	9793192	ND	353.2	0.02	07/06/95
1041	Nitrite	1.0	9793192	ND	353.2	0.01	07/06/95
Secondary Inorganic Analysis 62-550.320 (PWS031)							
1017	Chloride	250	9793192	22.59	407a	0.02	07/06/95
1905	Color	15	9793192	7	110.3	5.0	07/06/95
2909	Foaming Agents	0.5	9793192	ND	512B	0.1	07/06/95
1920	Odor	3 ton	9793192	1	140.1	1.0	07/06/95
1925	pH	6.5-8.5	9793192	7.48	150.1	0.01	07/06/95
1055	Sulfate	250	9793192	3.02	426c	0.10	07/06/95
1930	TDS	500	9793192	250	160.1	10	07/06/95

**BROWARD TESTING LABORATORY, INC.**

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Page 2. Sample Code: 9793192

Fed Id #	Analysis Performed	MCL (UG/L)	Sample Number	Analysis Result	Method	MDL	Anal Date
-----							
Volatile Organic Analysis 62-550.310(2)(b) (PWS028)							
-----							
2950	TThms	0.10	9793192	ND	502.2	0.001	07/06/95
2378	1,2,4-Trichlorobenzene	70	9793192	ND	502.2	0.5	07/06/95
2380	Cis-1,2-Dichloroethylene	70	9793192	ND	502.2	0.5	07/06/95
2955	Xylenes	10000	9793192	ND	502.2	0.5	07/06/95
2964	Dichloromethane	5	9793192	ND	502.2	0.5	07/06/95
2968	o-Dichlorobenzene	600	9793192	ND	502.2	0.5	07/06/95
2969	Para-Dichlorobenzene	75	9793192	ND	502.2	0.5	07/06/95
2976	Vinyl Chloride	1	9793192	ND	502.2	0.5	07/06/95
2977	1,1-Dichloroethylene	7	9793192	ND	502.2	0.5	07/06/95
2979	Trans-1,2-Dichloroethylene	100	9793192	ND	502.2	0.5	07/06/95
2980	1,2-Dichloroethane	3	9793192	ND	502.2	0.5	07/06/95
2981	1,1,1-Trichloroethane	200	9793192	ND	502.2	0.5	07/06/95
2982	Carbon Tetrachloride	3	9793192	ND	502.2	0.5	07/06/95
2983	1,2-Dichloropropane	5	9793192	ND	502.2	0.5	07/06/95
2984	Trichloroethylene	3	9793192	ND	502.2	0.5	07/06/95
2985	1,1,2-Trichloroethane	5	9793192	ND	502.2	0.5	07/06/95
2987	Tetrachloroethylene	3	9793192	ND	502.2	0.5	07/06/95
2989	Monochlorobenzene	100	9793192	ND	502.2	0.5	07/06/95
2990	Benzene	1	9793192	ND	502.2	0.5	07/06/95
2991	Toluene	1000	9793192	ND	502.2	0.5	07/06/95
2992	Ethylbenzene	700	9793192	ND	502.2	0.5	07/06/95
2996	Styrene	100	9793192	ND	502.2	0.5	07/06/95
2210	Chloromethane	----	9793192	ND	502.2	0.5	07/06/95
2967	1,3-Dichlorobenzene	----	9793192	ND	502.2	0.5	07/06/95
2228	Cis-1,3-Dichloropropene	----	9793192	ND	502.2	0.5	07/06/95
2276	Trans-1,3-Dichloropropene	----	9793192	ND	502.2	0.5	07/06/95
2212	Dichlorodifluoromethane	----	9793192	ND	502.2	0.5	07/06/95
2214	Bromomethane	----	9793192	ND	502.2	0.5	07/06/95
2216	Chloroethane	----	9793192	ND	502.2	0.5	07/06/95
2218	Trichlorofluoromethane	----	9793192	ND	502.2	0.5	07/06/95
2251	Methyl Tert Butyl Ether	----	9793192	ND	502.2	0.5	07/06/95
2408	Dibromomethane	----	9793192	ND	502.2	0.5	07/06/95
2410	1,1-Dichloropropylene	----	9793192	ND	502.2	0.5	07/06/95
2412	1,3-Dichloropropane	----	9793192	ND	502.2	0.5	07/06/95
2414	1,2,3-Trichloropropane	----	9793192	ND	502.2	0.5	07/06/95
2416	2,2-Dichloropropane	----	9793192	ND	502.2	0.5	07/06/95
2941	Chloroform	----	9793192	ND	502.2	0.5	07/06/95
2942	Bromoform	----	9793192	ND	502.2	0.5	07/06/95
2943	Bromodichloromethane	----	9793192	ND	502.2	0.5	07/06/95
2944	Dibromochloromethane	----	9793192	ND	502.2	0.5	07/06/95
2965	O-Chlorotoluene	----	9793192	ND	502.2	0.5	07/06/95
2966	P-Chlorotoluene	----	9793192	ND	502.2	0.5	07/06/95
2967	M-Dichlorobenzene	----	9793192	ND	502.2	0.5	07/06/95
5340	1,1-Dichloroethane	----	9793192	ND	502.2	0.5	07/06/95
2986	1,1,1,2-Tetrachloroethane	----	9793192	ND	502.2	0.5	07/06/95
2988	1,1,2,2-Tetrachloroethane	----	9793192	ND	502.2	0.5	07/06/95
2993	Bromobenzene	----	9793192	ND	502.2	0.5	07/06/95

**BROWARD TESTING LABORATORY, INC.**

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334

Page 3. Sample Code: 9793192

Fed Id #	Analysis Performed	MCL (UG/L)	Sample Number	Analysis Result	Method MDL	Anal Date
2946	Edb	0.01	9793192	ND	504 0.007	07/10/95
2931	Dcbp	0.02	9793192	ND	504 0.011	07/06/95
2105	2,4,-D	70	9793192	ND	515 0.014	07/07/95
2326	Pentachlorophenol	1.0	9793192	ND	515 0.001	07/07/95
2110	2,4,5-TP	50	9793192	ND	515 0.002	07/07/95
2031	Dalapon	200	9793192	ND	515 0.56	07/07/95
2440	Dicamba	-----	9793192	ND	515 0.01	07/07/95
2041	Dinoseb	7	9793192	ND	515 0.007	07/07/95
2040	Picloram	500	9793192	ND	515 0.04	07/07/95
-2959	Chlordane	2.0	9793192	ND	508 0.12	07/14/95
-2020	Toxaphene	3	9793192	ND	508 0.06	07/14/95
2383	PCB	0.5	9793192	ND	508 0.14	07/14/95
2033	Endothall	100	9793192	ND	548 5.08	07/12/95
2032	Diquat	20	9793192	ND	549 0.36	07/07/95
2034	Glyphosate	700	9793192	ND	547 1.90	07/06/95
2046	Carbofuran	40	9793192	ND	531 0.73	07/10/95
2036	Oxamyl (Vydate)	200	9793192	ND	531 0.86	07/10/95
2047	Aldicarb	-----	9793192	ND	531 0.3	07/10/95
2043	Aldicarb sulfoxide	-----	9793192	ND	531 0.49	07/10/95
2044	Aldicarb sulfone	0.002	9793192	ND	531 0.5	07/10/95
2021	Carbaryl	-----	9793192	ND	531 0.68	07/10/95
2066	3-Hydroxycarbofuran	-----	9793192	ND	531 0.4	07/10/95
2022	Methomyl	-----	9793192	ND	531 1.07	07/10/95
2035	Di(2-Ethylhexyl)Adipate	400	9793192	ND	525 0.09	07/07/95
2274	Hexachlorobenzene	1	9793192	ND	525 0.06	07/07/95
2042	Hexachlorocyclopentadiene	50	9793192	ND	525 0.71	07/07/95
2306	Benzo(A)Pyrene	0.2	9793192	ND	525 0.02	07/07/95
2051	Alachlor	2	9793192	ND	525 0.05	07/07/95
2005	Endrin	2	9793192	ND	508 0.01	07/07/95
2065	Heptachlor	0.4	9793192	ND	508 0.016	07/07/95
2067	Heptachlor Epoxide	0.2	9793192	ND	508 0.006	07/07/95
2020	Lindane	0.2	9793192	ND	508 0.014	07/07/95
2015	Methoxychlor	40	9793192	ND	508 0.07	07/07/95
2050	Atrazine	3	9793192	ND	525 0.09	07/07/95
2037	Simazine	4	9793192	ND	525 0.04	07/07/95
2356	Aldrin	-----	9793192	ND	525 0.10	07/07/95
2364	Dieldrin	-----	9793192	ND	525 0.11	07/07/95
2076	Butachlor	-----	9793192	ND	525 0.04	07/07/95
2045	Metolachlor	-----	9793192	ND	525 0.05	07/07/95
2595	Metribuzin	-----	9793192	ND	525 0.04	07/07/95
2077	Propachlor	-----	9793192	ND	525 0.06	07/07/95
9108	2-Chlorophenol	-----	9793192	ND	625 10.6	07/11/95



# BROWARD TESTING LABORATORY, INC.

4416 N.E. 11TH AVE., FORT LAUDERDALE, FLORIDA 33334



Page 4. Sample Code: 9793192

Fed Id #	Analysis Performed	MCL (UG/L)	Sample Number	Analysis Result	Method MDL	Anal Date
9115	Phenol	----	9793192	ND	625 2.53	07/11/95
9116	2,4,6-Trichlorophenol	----	9793192	ND	625 2.64	07/11/95
9112	2Methyl4,6 dinitrophenol	----	9793192	ND	625 24.00	07/11/95
9089	Diethylphthalate	----	9793192	ND	625 4.8	07/11/95
2262	Isophorone	----	9793192	ND	625 2.22	07/11/95
2270	2,4-Dinitrotoluene	----	9793192	ND	625 2.07	07/11/95
2282	Dimethylphthalate	----	9793192	ND	625 1.60	07/11/95
2284	Diethylphthalate	----	9793192	ND	625 1.90	07/11/95
2290	Di-n-butylphthalate	----	9793192	ND	625 2.59	07/11/95
2294	Butyl Benzyl Phthalate	----	9793192	ND	625 3.43	07/11/95
2298	Bis(2-Ethylhexyl)Phthalate	6.0	9793192	ND	525 0.09	07/07/95
504	DATE EXTRACTED					07/10/95
508	DATE EXTRACTED					07/06/95
515	DATE EXTRACTED					07/07/95
525	DATE EXTRACTED					07/06/95
548	DATE EXTRACTED					07/12/95
549	DATE EXTRACTED					07/06/95
625	DATE EXTRACTED					07/11/95

These test results may be used for compliance purposes as required.

Gary Meyer, Lab Director





Date: 07/19/95 Report #: 9790158 Laboratory ID #: 87292

Client: BROWARD TESTING LAB Date Collected: 07/05/95  
1034 NE 44TH CT. Time Collected:  
FT. LAUDERDALE, FL 33307- BTL # 979-3192

Date received at lab: 07/10/95 Time received at lab: 09:00

NOTE: "\*" The MCL (Maximum Contaminant Level) or an established guideline has been exceeded for this contaminant.  
"ND" This contaminant was not detected at or above our stated detection limit.

Fed Id #	Analysis Performed	Method	MCL (mg/l)	Det. Level	Level Detected	Anal Date
Inorganic chemicals - metals:						
1002	Aluminum (2)	200.7	0.2**	0.05	ND	07/11/95
1005	Arsenic	206.3	0.05	0.002	ND	07/12/95
1010	Barium	200.7	2.0	0.10	ND	07/11/95
1015	Cadmium	200.7A	0.005	0.001	ND	07/11/95
1028	Iron	200.7	0.3**	0.020	0.18	07/11/95
1032	Manganese (2)	200.7	0.05**	0.004	0.008	07/11/95
1035	Mercury	245.1	0.002	0.0002	ND	07/14/95
1036	Nickel (2)	200.7	0.1	0.002	ND	07/11/95
1045	Selenium	270.2	0.05	0.002	ND	07/12/95
1050	Silver	272.2	0.1**	0.002	ND	07/11/95
1052	Sodium	200.7	---	1.0	6.8	07/11/95
1085	Thallium (2)	279.2	0.002	0.001	ND	07/11/95
1095	Zinc	200.7	5.0**	0.004	0.004	07/11/95

\*\* Denotes Secondary Maximum Contaminant Level (SMCL)

These test results may be used for compliance purposes as required.

(2) THESE ANALYTES ARE NOT REQUIRED BY THE U.S.F.D.A. OR THE MASS.D.P.H. FOR FINISHED BOTTLED WATER TESTING AND ARE INCLUDED ONLY FOR THE CLIENT'S INFORMATION. THIS FOOTNOTE DOES NOT APPLY TO SOURCE WATER SAMPLES.

George Krizstian, Lab Director