

WATER-QUALITY DATA FOR THE GROUND-WATER NETWORK
IN EASTERN BROWARD COUNTY, FLORIDA, 1983-84

By Bradley G. Waller and Frank L. Cannon

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CONTENTS

	Page
Abstract-----	1
Introduction-----	1
Purpose and scope-----	1
Acknowledgments-----	2
Data collection-----	2
Water-quality data-----	2
References cited-----	2

ILLUSTRATIONS

Figure 1. Map showing location of sampling sites in the ground-water quality network, eastern Broward County-----	3
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TABLES

Table 1. Identification numbers, map index numbers, and well information for ground-water sampling sites in Broward County-----	4
2. Water-quality data for selected wells in Broward County-----	6

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ABSTRACT

During 1983-84, ground water from 63 wells located at 31 sites throughout eastern Broward County, Florida, was sampled and analyzed to determine baseline water-quality conditions. The physical and chemical parameters analyzed included field measurements (pH and temperature), physical characteristics (color, turbidity, and specific conductance), major inorganic ions, nutrients (nitrogen, phosphorus, and carbon), selected trace metals, and total phenolic compounds. Ground-water samples were collected at the end of the dry season (April), during rising water levels (June and July), and during yearly peak water levels (September and October). These data are tabulated, by well, in this report.

INTRODUCTION

Broward County is underlain by the highly permeable Biscayne aquifer, which has been designated by the U.S. Environmental Protection Agency as the sole source of potable water in southeast Florida. The aquifer receives recharge by rainfall throughout most of the county. Increasing growth and development of Broward County has brought greater potential for contamination from sewage effluent, urban stormwater runoff, industrial and agricultural waste, and transportation corridors. Previous investigations by Russo (1974), Pitt (1975), Waller and others (1975), Mattraw (1976), Waller (1978), Mattraw and Miller (1981), and Waller and Miller (1982) addressed the effects of contamination in canal waters and in shallow ground water near known contaminant sources such as landfills and sewage polishing ponds. Water managers have continued to express needs for information on background or baseline ground-water quality conditions within the county so that any future changes in the water quality can be assessed.

The U.S. Geological Survey, in cooperation with the Broward County Environmental Quality Control Board, investigated the water quality in the Biscayne aquifer and determined baseline conditions in the vicinity of Broward County, east of the water-conservation areas.

Purpose and Scope

The purposes of this investigation were to:

1. Design a ground-water quality monitoring network in eastern Broward County to determine the areal, vertical, and seasonal water quality in the Biscayne aquifer;
2. Establish baseline water quality in the Biscayne aquifer;

3. Identify areas in the county where contamination is evident, or where there is a potential for aquifer contamination.

The purpose of this report is to present in tabular format all the physical and chemical data from analyses of ground water collected during this investigation.

The scope of this investigation included the establishment of a ground-water quality network in eastern Broward County, Fla. The network consists of 63 wells (table 1) at 31 sites (fig. 1). Of these wells, 13 were in existence prior to the beginning of this investigation in 1981, 40 were completed between 1981 and 1983, and 10 were completed in 1984.

Sampling began in April 1983 and continued through July 1984. Chemical constituents analyzed were major inorganic ions, nutrients, TOC (total organic carbon), trace metals, phenols, and COD (chemical oxygen demand). Field measurements included temperature, specific conductance, and pH. Chemical analyses were performed at the U.S. Geological Survey laboratories in Ocala, Fla., and Atlanta, Ga.

Acknowledgments

The authors thank all individuals and agencies who allowed the U.S. Geological Survey to install and sample wells on their properties. Gratitude is also extended to Victor N. Howard, Pollution Control Officer, and Frances Henderson, both of the Broward County Environmental Quality Control Board for their support of this investigation and ongoing water-quality investigations within the county.

DATA COLLECTION

Ground-water samples were collected during the end of the dry season (April), during rising water levels (June and July), and during yearly peak water levels (September and October). All samples were collected with a centrifugal pump after the wells had been purged five casing volumes. Water samples were filtered and treated in the field and shipped to the laboratories within 3 days of collection.

WATER-QUALITY DATA

Water-quality data are presented in table 2 and are arranged in the same order as listed in table 1. Site locations are shown in figure 1 and are cross referenced to the map index numbers given in table 1. The tables are presented for well locations, generally from north to south.

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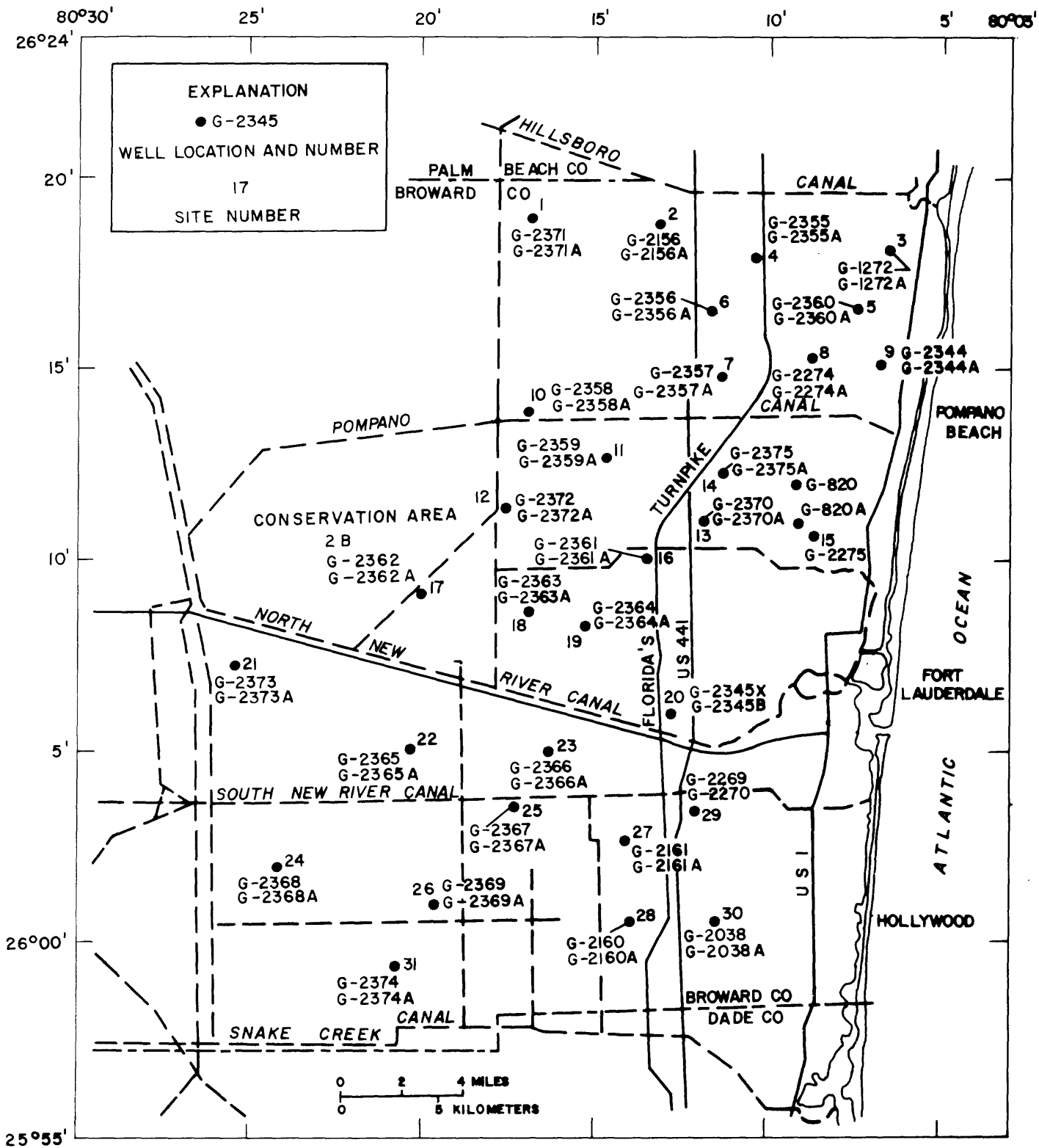


Figure 1. -- Location of sampling sites in the ground-water quality network, eastern Broward County.

Table 1.--Identification numbers, map index numbers, and well information for ground-water sampling sites in Broward County

Map index No.	Site name	Local identifier	Identification number	Depth below land surface (ft)	Pumping rate (gal/min)	Casing size and type
1	West Parkland	G-2371	261810080163201	80	13	1 1/2" PVC
		G-2371A	261810080163202	14	9	1 1/2" PVC
2	Parkland	G-2156	261837080130501	98	14	2" BI
		G-2156A	261837080130502	40	1	1 1/2" PVC
3	Deerfield Beach	G-1272	261834080061901	198	10	2" BI
		G-1272A	261834080061903	59	14	1 1/2" PVC
4	Butler Road	G-2355	261828080101301	96	4	1 1/2" PVC
		G-2355A	261828080101302	53	7	1 1/2" PVC
5	I-95 and 44th Street	G-2360	261707080073301	100	9	1 1/2" PVC
		G-2360A	261707080073302	51	6	1 1/2" PVC
6	Sample and Lyons	G-2356	261627080111201	96	5	1 1/2" PVC
		G-2356A	261627080111202	56	12	1 1/2" PVC
7	Coconut Creek	G-2357	261441080111001	83	2	1 1/2" PVC
		G-2357A	261441080111002	56	8	1 1/2" PVC
8	I-95 and 15th Street	G-2274	261450080080001	110	12	1 1/4" PVC
		G-2274A	261450080080002	57	10	1 1/2" PVC
9	Pompano well field	G-2344A	261423080071503	98	9	1 1/2" PVC
		G-2344B	261423080071504	52	9	1 1/2" PVC
10	Coral Springs	G-2358	261348080160401	100	12	1 1/2" PVC
		G-2358A	261348080160402	49	8	1 1/2" PVC
11	North Lauderdale	G-2359	261322080141401	101	13	1 1/2" PVC
		G-2359A	261322080141402	59	12	1 1/2" PVC
12	West Sunrise	G-2372	261055080173501	105	3	1 1/2" PVC
		G-2372A	261055080173502	32	17	1 1/2" PVC
13	Prospect well field	G-2370	261107080120301	101	18	1 1/2" PVC
		G-2370A	261107080120302	51	16	1 1/2" PVC
14	Executive Airport West	G-2375	261202080110001	61	8	1 1/2" PVC
		G-2375A	261202080110002	110	9	1 1/2" PVC
15	Executive Airport	G-820	261158080095101	215	32	4" BI
		G-820A	261144080094601	88	18	4" BI
		G-2275	261150080094602	157	18	4" BI
16	Inverrary	G-2361	261020080131701	82	20	1 1/2" PVC
		G-2361A	261020080131702	45	3	1 1/2" PVC

Table 1.--Identification numbers, map index numbers, and well information for ground-water sampling sites in Broward County--Continued

Map index No.	Site name	Local identifier	Identification number	Depth below land surface (ft)	Pumping rate (gal/min)	Casing size and type
17	Levee 35A	G-2362	260939080194207	60	9	1 1/2" PVC
		G-2362A	260939080194208	24	8	1 1/2" PVC
18	Panama Canal	G-2363	260859080160401	80	14	1 1/2" PVC
		G-2363A	260859080160402	20	4	1 1/2" PVC
19	Mirror Lake Park	G-2364	260825080144401	80	13	1 1/2" PVC
		G-2364A	260825080144402	19	5	1 1/2" PVC
20	Dixie well field	G-2345B	260641080123503	69	15	2" PVC
		G-2345X	260641080123520	103	3	1 1/2" PVC
21	Weston	G-2373	260752080253701	60	18	1 1/2" PVC
		G-2373A	260752080253702	21	18	1 1/2" PVC
22	West Davie	G-2365	260505080204701	74	14	1 1/2" PVC
		G-2365A	260505080204702	35	10	1 1/2" PVC
23	Pine Island	G-2366	260563080155601	57	10	1 1/2" PVC
		G-2366A	260453080155602	28	7	1 1/2" PVC
24	West Rolling Oaks	G-2368	260202080230701	60	12	1 1/2" PVC
		G-2368A	260202080230702	11	13	1 1/2" PVC
25	Cooper City	G-2367	260337080171901	65	14	1 1/2" PVC
		G-2367A	260337080171902	25	16	1 1/2" PVC
26	CB Smith Park	G-2369	260046080190701	75	12	1 1/2" PVC
		G-2369A	260046080190702	12	16	1 1/2" PVC
27	Davie Road Extension	G-2161	260219080141102	148	11	1 1/2" PVC
		G-2161A	260219080141103	55	13	1 1/2" PVC
28	Perry Airport	G-2160	260032080135702	115	15	2" PVC
		G-2160A	260032080135703	53	16	1 1/2" PVC
29	Oak Ridge	G-2269	260311080120401	48	20	2" BI
		G-2270	260311080120402	184	10	2" BI
30	Hollywood Circle	G-2038	260027080110102	138	14	2" BI
		G-2038A	260027080110103	52	14	2" BI
31	Flamingo	G-2374	255905080194001	95	13	1 1/2" PVC
		G-2374A	255905080194002	34	10	1 1/2" PVC

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY

G-2371 at W. PARKLAND - 1984

Parameter	04-10-84	07-16-84
Temperature (C)	23.0	24.0
pH (units)	7.6	7.1
Alkalinity (as CaCO3)	276.6	337
Color (Pt-Co units)	90	80
Turbidity (NTU)	35	7.3
Spec. cond (us/cm)	770	770
Dissolved		
(Milligrams per liter)		
Calcium	100	---
Magnesium	4.5	---
Sodium	28	---
Potassium	21.2	---
Bicarbonate	337	412
Chloride	21	50
Sulfate	25	23
Fluoride	5	5
Diss. solids	482	510.5
Hardness	270	---
Noncarb. hardness	13	12
Silica	---	---
Total	---	---
Ammonia	.68	.47
Nitrite	.01	<.01
Nitrate	.01	.01
Organic.N	1.0	1.1
Total.N	1.5	1.6
Ortho.P	.11	.02
Total.P	.19	.08
TOC	23	26
COD	---	---
Total Recoverable		
(Micrograms per liter)		
Aluminum	---	---
Boron	---	---
Cadmium	---	---
Chromium	---	---
Cobalt	---	---
Copper	---	---
Iron	---	---
Lead	---	---
Manganese	---	---
Nickel	---	---
Strontium	---	---
Silver	1500	---
Zinc	---	---
Phenols	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BRCHARD COUNTY
 G-2371A at W. PARKLAND - 1984

Parameter	04-10-84	07-16-84
Temperature (C)	27.5	24.5
pH (units)	321.5	397.1
Alkalinity (as CaCO3)	60	80
Color (PT-co. units)	10	5.6
Turbidity (NIU)	800	860
Spec.cond (us/cm)		
Dissolved		
(Milligrams per liter)		
Calcium	110	140
Magnesium	37.8	54.3
Sodium	61.2	57.1
Potassium	392.2	485.2
Bicarbonate	73	43
Chloride	15	25
Sulfate	516.5	414
Fluoride	290	370
Diss.solids	8.1	0
Hardness		7.3
Noncarb.hardness		
Silica		
Total		
Ammonia	.75	.79
Nitrite	.01	<.01
Nitrate	.01	.01
Organic.N	1.0	1.4
Total.N	1.8	2.2
Ortho.p	.03	.02
Total.p	.04	.02
TOC	23	23
COD		
Total Recoverable		
(Micrograms per liter)		
Aluminum		
Boron		
Cadmium		
Chromium		
Cobalt		
Copper		
Iron		
Lead		
Manganese		
Nickel		
Strontium	860	2300
Zinc		
Phenols		

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
G-2156 at PARKLAND - 1983-1984

Parameter	04-15-83	06-28-83	10-26-83	04-10-84	07-16-84
Temperature (C)	24.5	24.7	---	24.0	24.5
pH (units)	8.2	---	7.4	7.6	7.0
Alkalinity (as CaCO3)	337	---	319	196	340
Color (Pt-Co units)	20	---	10	20	30
Turbidity (NTU)	---	---	3.0	5.2	1.2
Spec.cond (US/cm)	630	---	640	430	650
Dissolved (Milligrams per liter)					
Calcium	130	---	130	73	---
Magnesium	2.4	---	2.2	2.4	---
Sodium	13	---	12	14	---
Potassium	.5	---	.5	.6	---
Bicarbonate	410	---	390	240	415
Chloride	21	---	19	0	19
Sulfate	.2	---	<.1	<.1	<.1
Fluoride	---	---	378	310	382
Diss.solids	382	---	340	190	---
Hardness	---	---	20	0	---
Noncarb.hardness	12	---	12	13	12
Silica	---	---	---	---	---
Total					
Ammonia	<.01	---	.50	.31	<.01
Nitrite	<.01	---	<.01	<.01	<.01
Nitrate	---	---	---	---	---
Organic.N	---	---	.002	.23	.27
Total.N	---	---	<.01	.50	.58
Ortho.P	.01	---	<.01	.01	.01
Total.P	.02	---	.05	.04	.02
TOC	5.6	---	19.3	9.6	12
COD	20	---	---	---	---
Total Recoverable (Micrograms per liter)					
Aluminum	60	130	---	---	---
Boron	---	<1	---	---	---
Cadmium	---	<1	---	---	---
Chromium	---	2	---	---	---
Cobalt	---	<10	---	---	---
Copper	3	1300	---	---	---
Iron	1800	---	---	---	---
Lead	5	10	---	---	---
Manganese	20	3	---	---	---
Nickel	2000	40	2200	930	---
Strontium	10	---	---	---	---
Zinc	<1	---	---	---	---
Phenols	---	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
G-1272 at DEERFIELD BEACH - 1984

Parameter	07-16-84
Temperature (C)	25.5
pH (units)	7.0
Alkalinity (as CaCO3)	141
Color (Pt-Co units)	10
Turbidity (NTU)	.5
Spec-cond (US/cm)	300
Dissolved	
(Milligrams per liter)	
Calcium	53
Magnesium	1.3
Sodium	7.8
Potassium	.4
Bicarbonate	172
Chloride	13
Sulfate	<.1
Fluoride	.2
Diss. Solids	162
Hardness	140
Noncarb. Hardness	10
Silica	
Total	
Ammonia	.10
Nitrite	<.01
Nitrate	.01
Organic-N	.09
Total-N	.21
Ortho-P	.01
Total-P	<.02
TOC	4.5
COD	---
Total Recoverable	
(Micrograms per liter)	
Aluminum	---
Boron	---
Cadmium	---
Chromium	---
Cobalt	---
Copper	---
Iron	---
Lead	---
Manganese	---
Nickel	---
Strontium	670
Zinc	---
Phenols	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 G-1272A at DEERFIELD BEACH - 1983-1984

Parameter	04-04-83	06-28-83	10-27-83	04-10-84	07-16-84
Temperature (C)	26.5	26.8	---	26.5	25.5
pH (units)	7.7	---	7.6	7.5	7.1
Alkalinity (as CaCO3)	292	---	275	197	288
Color (Pt-Co units)	90	---	50	90	40
Turbidity (NTU)	---	---	14	12	8.5
Spec.cond (us/cm)	600	---	700	680	710
Dissolved (Milligrams per liter)					
Calcium	120.7	---	140.1	94	130.5
Magnesium	11	---	12.7	3.2	20.3
Sodium	2.3	---	3.5	13.9	352.3
Potassium	356	---	329	235	227
Bicarbonate	21	---	71	56	65
Chloride	39	---	71	56	65
Sulfate	---	---	---	---	---
Fluoride	---	---	---	---	---
Dissolved Solids	395	---	436	420	436
Hardness	310	---	360	230	340
Noncarb. hardness	20	---	90	50	50
Silica	6.2	---	5.9	6.4	5.8
Total	---	---	---	---	---
Ammonia	.58	---	.67	.59	.59
Nitrite	.00	---	<.01	<.01	<.01
Nitrate	.13	---	.19	.20	.28
Organic N	.71	---	.88	.81	.86
Total N	.07	---	<.01	.08	.02
Ortho-P	.18	---	<.01	.15	.14
Total P	11	---	8.3	11	11
TOC	60	---	37	---	---
COD	---	---	---	---	---
Total Recoverable (Micrograms per liter)					
Aluminum	640	160	---	---	---
Boron	---	---	---	---	---
Cadmium	---	<1	---	---	---
Chromium	---	---	---	---	---
Cobalt	---	10	---	---	---
Copper	3	3400	---	---	---
Iron	3300	---	---	---	---
Lead	---	---	---	---	---
Manganese	10	20	---	---	---
Nickel	---	---	---	---	---
Selenium	1200	---	---	---	---
Zinc	10	50	1500	610	1500
Phenols	---	---	---	---	---

TABLE 2 --- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY

Parameter	04-00-83	06-00-83	10-00-83
Temperature (C)	24.6	24.5	---
pH (Units)	8.1	7.8	7.4
Alkalinity (as CaCO3)	289	251	278
Color (Pt-Co units)	20	30	20
Turbidity (NTU)	---	---	---
Spec.cond (US/cm)	870	---	850.7
Dissolved			
(Milligrams per liter)			
Calcium	170	170	170
Magnesium	3.0	3.0	2.9
Sodium	28	29	27
Potassium	1.0	.9	.9
Bicarbonate	352	307	340
Chloride	78	73	73
Sulfate	96	96	91
Fluoride	2	.3	.3
Diss.solids	619	680	618
Hardness	---	440	440
Noncarb.hardness	---	199	160
Silica	12	13	12
Total			
Ammonia	.44	.44	.50
Nitrite	<.00	<.01	<.01
Nitrate	---	---	---
Organic-N	---	.23	.38
Total-N	---	.23	.38
Ortho-P	.02	.01	.01
Total-P	---	---	---
TOC	17	69	11
COD	30	40	29
Total Recoverable			
(Micrograms per liter)			
Aluminum	70	---	---
Boron	---	400	---
Cadmium	---	<1	---
Chromium	---	<1	---
Cobalt	---	---	---
Copper	2	10	---
Iron	480	370	---
Lead	---	---	---
Manganese	20	10	---
Nickelium	---	---	---
Sironium	3000	3000	3500
Zinc	10	30	---
Phenols	<1	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY

Parameter	G-2355A at BUTLER ROAD - 1983	
	04-00-83	10-00-83
Temperature (C)	24.4	24.8
pH (units)	7.8	7.6
Alkalinity (as CaCO3)	---	---
Color (PT-Co Units)	30	40
Turbidity (NTU)	---	5.7
Spec.cond (US/cm)	1000	950
Dissolved (Milligrams per liter)		
Calcium	120	120
Magnesium	94	89
Sodium	1.4	1.5
Potassium	400	354
Bicarbonate	148	140
Chloride	4.0	7.4
Sulfate	0.2	0.4
Fluoride	616	566
Diss. solids	340	320
Hardness	---	---
Noncarb. hardness	10	10
Silica	---	---
Total	---	---
Total Recoverable (Micrograms per liter)		
Ammonia	.51	.55
Nitrite	<.00	<.01
Nitrate	---	---
Organic.N	---	.85
Total.N	---	1.42
Ortho.P	.04	.02
Total.P	.48	.16
TOD	35	21
COD	50	49
Total Recoverable (Micrograms per liter)		
Aluminum	<10	---
Boron	---	---
Cadmium	---	---
Chromium	---	---
Cobalt	---	---
Copper	2	---
Iron	480	---
Lead	---	---
Manganese	10	---
Nickel	---	---
Strontium	3200	3400
Zinc	10	---
Phenols	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 6-2360 at I-95 AND 44TH ST. (PCMPANO)

Parameter	04-15-83	06-28-83	10-27-83	04-10-84	07-16-84
Temperature (C)	26.1	25.6	26.0	26.0	26.0
pH (units)	8.4	8.4	7.7	7.7	7.1
Alkalinity (as CaCO3)	206	168	172	178	180
Color (PT-co units)	20	20	10	10	30
Turbidity (NTU)	---	---	5.7	5.9	4.3
Spec. cond (US/cm)	455	420	420	447	422
(Milligrams per liter)					
Calcium	87	80	79	81	79
Magnesium	4.3	3.8	3.5	3.5	3.28
Sodium	1.0	1.0	1.0	1.1	1.0
Potassium	226	193	210	218	220
Bicarbonate	19	18	18	17	24
Chloride	34	32	24	27	24
Sulfate	298	278	248	290	256
Fluoride	230	220	210	220	210
Diss. solids	330	60	40	40	30
Hardness	330	60	40	40	30
Noncarb. hardness	6.2	5.8	5.0	6.0	4.7
Silica					
Total					
Ammonia	.40	.39	.47	.40	.38
Nitrate	<.00	<.01	<.01	<.01	<.01
Nitrite	---	.01	.13	.16	.16
Organic-N	---	.06	.62	.58	.56
Total-N	---	.47	.41	.42	.46
Ortho-P	.22	.35	.84	.92	.86
Total-P	.81	.84	7.0	9.0	9.7
TOC	6.9	4.8	30	30	30
TOD	140	30			
(Micrograms per liter)					
Total Recoverable					
Aluminum	40	---	---	---	---
Boron	---	80	---	---	---
Cadmium	---	<1	---	---	---
Chromium	---	<1	---	---	---
Cobalt	---	2	---	---	---
Copper	2	10	---	---	---
Iron	1500	1300	---	---	---
Lead	4	20	---	---	---
Manganese	20	20	---	---	---
Nickel	---	200	---	---	---
Nitronium	250	200	230	110	280
Zinc	50	---	---	---	---
Phenols	1	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
G-2360A at I-95 AND 44TH ST. (POMPANO)

Parameter	04-10-84	07-16-84
Temperature (C)	27.0	26.5
pH (units)	6.5	6.4
Alkalinity (as CaCO ₃)	42	59
Color (Pt-Co units)	140	160
Turbidity (NTU)	16	8.9
Spec.cond (US/cm)	187	158

(Milligrams per liter)		
Disolved		
Calcium	27.5	25.5
Magnesium	7.9	4.9
Sodium	1.5	
Potassium	52	72.0
Bicarbonate	10	13
Chloride	30	
Sulfate	.6	.8
Fluoride	170	130
Diss.solids	180	20
Hardness	40	1.5
Noncarb.hardness	2.1	
Silica		
Total		
Ammonia	.14	.09
Nitrite	.01	.01
Nitrate	.01	.01
Organic.N	.55	.58
Total.N	.71	.69
Ortho.P	1.3	1.5
Total.P	2.0	1.8
TOC	24	27

(Micrograms per liter)		
Total Recoverable		
Aluminum	---	---
Boron	---	---
Cadmium	---	---
Chromium	---	---
Cobalt	---	---
Copper	---	---
Iron	---	---
Lead	---	---
Manganese	---	---
Nickel	---	---
Srntium	100	230
Zinc	---	---
Phenols	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
G-2356 at SAMPLE AND LYONS - 1983-1984

Parameter	04-15-83	06-28-83	10-26-83	04-10-84	07-16-84
Temperature (C)	24.8	25.1	26.0	25.0	25.0
pH (units)	7.9	---	7.5	7.9	7.1
Alkalinity (as CaCO3)	289	---	260	277	278
Color (APC units)	50	---	40	40	50
Turbidity (NTU)	---	---	10	---	---
Spec.cond (uS/cm)	660	---	660	680	660
(Milligrams per liter)					
Dissolved					
Calcium	120	---	120	120	120
Magnesium	2.0	---	1.8	1.9	1.8
Sodium	26	---	26	28	28
Potassium	352.6	---	318.5	338.6	340.5
Bicarbonate	58	---	55	59	59
Chloride	34	---	10	12	11
Sulfate	---	---	---	---	---
Fluoride	452.2	---	420.4	466.3	448.2
Dissolids	430	---	310	310	310
Hardness	20	---	50	30	30
Noncarb. hardness	11	---	11	12	11
Silica	---	---	---	---	---
Total	---	---	---	---	---
(Micrograms per liter)					
Total Recoverable					
Ammonia	<.52	---	57	50	49
Nitrate	<.06	---	<.01	<.01	<.01
Nitrite	---	---	---	---	---
Organic-N	---	---	60	66	61
Total-N	.03	---	99	98	103
Total-P	.06	---	02	04	03
TOC	21	---	18	15	16
COD	30	---	36	---	---
(Micrograms per liter)					
Total Recoverable					
Aluminum	60	---	---	---	---
Boron	---	810	---	---	---
Cadmium	---	<1	---	---	---
Chromium	---	<1	---	---	---
Cobalt	---	<1	---	---	---
Copper	2	<100	---	---	---
Iron	1009	---	---	---	---
Lead	20	20	---	---	---
Manganese	---	---	---	---	---
Nickel	---	---	---	---	---
Strontium	1100	---	990	1100	1000
Zinc	30	20	---	---	---
Phenols	<1	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
G-2356A at SAMPLE AND LYONS - 1983-1984

Parameter	04-15-83	06-28-83	10-26-83	04-10-84	07-16-84
Temperature (C)	25.0	25.0	26.0	25.0	25.5
pH (units)	8.0	7.9	7.4	7.6	7.1
Alkalinity (as CaCO3)	256	239	237	249	255
Color (PT-Co units)	30	35	40	40	50
Turbidity (NTU)	---	---	1.2	1.2	1.8
Spec.cond (uS/cm)	650	620	650	640	690
(Milligrams per liter)					
Calcium	120	120.2	120.5	120	130
Magnesium	12.3	18	19	19.3	20.3
Sodium	1.3	1.3	1.2	1.2	1.2
Potassium	312	49	290	304	312
Bicarbonate	52	28	49	53	60
Chloride	34	34	35	30	29
Sulfate	44.1	44.1	35.2	30	31
Fluoride	449	449	422	476	472
Diss. solids	310	310	310	310	350
Hardness	50	70	70	60	80
Noncarb. hardness	10	10	10	10	10
Silica					
Total					
(Micrograms per liter)					
Ammonia	.62	.63	.70	.60	.61
Nitrite	<.00	<.01	<.01	<.01	<.01
Nitrate	---	---	---	---	---
Organic.N	---	.05	.40	.40	.49
Total.N	.93	.70	1.1	1.0	1.1
Ortho.P	.03	.02	.03	.03	.03
Total.P	.03	.16	.13	.03	.03
TOD	13	45	11	12	17
COD	10		30		
Total Recoverable					
(Micrograms per liter)					
Aluminum	70	130	---	---	---
Boron	---	<1	---	---	---
Cadmium	---	<1	---	---	---
Chromium	---	<1	---	---	---
Cobalt	---	<10	---	---	---
Copper	2	640	---	---	---
Iron	440	---	---	---	---
Lead	2	---	---	---	---
Manganese	10	10	---	---	---
Nickel	---	---	---	---	---
Vanadium	800	70	---	780	900
Zinc	800	20	40	---	---
Phenols	<1	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
G-2357 at COCONUT CREEK - 1983-1984

Parameter	04-14-83	06-27-83	10-26-83	04-10-84	07-16-84
Temperature (C)	25.2	25.4	25.5	25.0	25.5
pH (units)	8.0	---	8.0	7.6	7.1
Alkalinity (as CaCO3)	239	---	207	232	232
Color (Pt-Co units)	50	---	30	40	50
Turbidity (NTU)	---	---	10	7.8	3.3
Spec.cond (US/cm)	700	---	700	700	720
(Milligrams per liter)					
Dissolved					
Calcium	98	---	100	96	100
Magnesium	3.6	---	4.5	3.6	3.6
Sodium	49.6	---	47.2	48.4	48.4
Potassium	1.6	---	2.3	2.4	2.4
Bicarbonate	292	---	277	284	284
Chloride	85	---	77	77	76
Sulfate	25	---	28	35	34
Fluoride	.1	---	.3	.3	.2
Diss.solids	444	---	420	464	380
Hardness	260	---	270	260	270
Noncarb.hardness	20	---	60	20	30
Silica	9.6	---	9.8	11	10
Total					
Ammonia	<.48	---	.54	<.49	.48
Nitrate	<.00	---	<.01	<.01	.01
Nitrite	---	---	.01	.01	.01
Organic.N	---	---	.06	.51	.62
Total.N	---	---	1.20	1.04	1.10
Ortho.p	.03	---	<.01	.04	.04
Total.p	14.11	---	13	11	16
TOC	14	---	41	15	17
COD	40	---			
(Micrograms per liter)					
Total Recoverable					
Aluminum	230	100	---	---	---
Boron	---	<1	---	---	---
Cadmium	---	4	---	---	---
Chromium	---	10	---	---	---
Cobalt	---	1900	---	---	---
Copper	3	---	---	---	---
Iron	2100	---	---	---	---
Lead	---	20	---	---	---
Manganese	30	---	---	---	---
Nickel	---	2	---	---	---
Strontium	1700	---	1800	1600	1700
Zinc	10	70	---	---	---
Phenols	<1	---	---	---	---

TABLE 2 --- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 G-2357A at COCONUT CREEK - 1983-1984

Parameter	04-14-83	06-27-83	10-26-83	04-10-84	07-16-84
Temperature (C)	25.3	25.9	26.0	25.5	25.5
pH (units)	7.9	---	7.6	7.7	7.2
Alkalinity (as CaCO3)	240	---	213	226	232
Color (PT-Co units)	50	---	40	40	50
Turbidity (NTU)	---	---	11	47.3	57.0
Spec.cond (US/cm)	680	---	650	690	700
(Milligrams per liter)					
Dissolved					
Calcium	92	---	90	91	94
Magnesium	4.0	---	3.8	3.9	3.9
Sodium	51	---	50.7	52.0	50.7
Potassium	1.9	---	---	---	---
Bicarbonate	292	---	260	276	284
Chloride	78	---	23	22	24
Sulfate	18	---	---	---	---
Fluoride	18	---	---	---	---
Diss.solids	425.1	---	409.2	430.2	416.2
Hardness	250	---	240	240	250
Noncarb.hardness	10	---	30	20	20
Silica	9.0	---	9.1	9.8	9.4
Total					
Ammonia	.45	---	.52	.51	.67
Nitrate	.01	---	<.01	<.01	<.01
Nitrite	---	---	.01	.01	.01
Organic-N	---	---	.28	.49	.73
Total-N	---	---	1.12	1.01	1.40
Ortho-P	.18	---	.02	.10	.10
Total-P	.60	---	.70	.38	.44
IOC	20	---	14	16	16
COD	---	---	38	---	---
(Micrograms per liter)					
Total Recoverable					
Aluminum	630	860	---	---	---
Boron	---	---	---	---	---
Cadmium	---	<1	---	---	---
Chromium	---	---	---	---	---
Cobalt	---	---	---	---	---
Copper	3	<10	---	---	---
Iron	1300	1700	---	---	---
Lead	2	4	---	---	---
Manganese	20	20	---	---	---
Nickel	---	---	---	---	---
Strontium	1400	3	---	---	---
Zinc	10	100	1400	1300	1400
Phenols	<1	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 G-2274 at I-95 AND 15TH ST. (PCMPANO)

Parameter	06-27-83	04-10-84	07-16-84
Temperature (C)	25.3	25.0	25.5
pH (units)	---	7.3	7.1
Alkalinity (as CaCO3)	---	256	265
Color (PT-CO units)	---	50	100
Turbidity (NTU)	---	6.8	6.5
Spec.cond (uS/cm)	640	---	640

Parameter	(Milligrams per liter)		

Calcium	---	120	130
Magnesium	---	1.8	1.8
Sodium	---	11	13
Potassium	---	.5	.5
Bicarbonate	---	426	---
Chloride	---	19	31
Sulfate	---	57	57
Fluoride	---	---	---
Diss.solids	---	426	428
Hardness	---	310	330
Noncarb.hardness	---	50	70
Silica	---	8.6	9.0
Total	---	---	---

Parameter	(Micrograms per liter)		

Ammonia	---	1.2	90
Nitrite	---	<.01	<.01
Nitrate	---	.01	---
Organic-N	---	.40	.80
Total-N	---	1.6	1.3
Total-P	---	.17	.13
Total-P	---	---	---
TOC	---	18	16
COD	---	---	---
Total Recoverable	---	---	---

Parameter	(Micrograms per liter)		

Aluminum	---	970	---
Boron	---	---	---
Cadmium	---	<1	---
Chromium	---	---	---
Cobalt	---	<10	---
Copper	---	2800	---
Iron	---	---	---
Lead	---	---	---
Manganese	---	20	---
Nickel	---	---	---
Strontium	---	770	980
Zinc	---	90	---
Phenols	---	---	---

TABLE 2 --- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 6-2274A at I-95 AND 15TH ST. (POMPANO)

Parameter	04-15-83	06-27-83	10-04-83
Temperature (C)	25.1	25.8	25.2
pH (units)	8.1	7.7	7.8
Alkalinity (as CaCO3)	225	283	236
Color (PT-Co units)	1	70	60
Turbidity (NTU)	---	---	2.3
Spec.cond (uS/cm)	500	600	559
Dissolved			
(Milligrams per liter)			
Calcium	87.4	96	98
Magnesium	17.4	18	6.8
Sodium	15.9	12	12
Potassium	2.9	3.5	4.0
Bicarbonate	274	346	288
Chloride	23	19	19
Sulfate	43	29	33
Fluoride	37.1	38.2	35.2
Diss.solids	337	386	356
Hardness	250	310	270
Noncarb.hardness	30	30	40
Silica	5.3	6.7	7.9
Total			
Ammonia	.66	.75	.03
Nitrite	<.20	.01	.01
Nitrate	.20	---	---
Organic.N	---	1.1	3.3
total.N	---	1.1	---
Ortho.P	.05	.07	.08
total.P	.27	.19	.10
TOC	14	78	14
COD	65	60	36
Total Recoverable			
(Micrograms per liter)			
Aluminum	380	100	---
Boron	---	---	---
Cadmium	---	<1	---
Chromium	---	---	---
Cobalt	---	10	---
Copper	4	350	---
Iron	250	---	---
Lead	3	---	---
Manganese	10	10	---
Nickel	---	---	---
Strontium	940	---	900
Zinc	60	---	---
Phenols	<1	50	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY

G-2344A at THE POMPAHO WELLFIELD - 1983-84

Parameter	04-14-83	06-27-83	10-27-83	04-10-84	07-16-84
Temperature (C)	26.0	26.3	---	26.0	25.5
pH (units)	7.8	8.1	7.6	7.6	7.2
Alkalinity (as CaCO3)	246	222	221	228	228
Color (Pt-Co units)	60	40	50	60	70
Turbidity (NTU)	---	---	1.2	5.1	4.0
Spec.cond (uS/cm)	560	540	550	540	540
Dissolved (Milligrams per liter)					
Calcium	98	98.0	100	94	96
Magnesium	12.1	18.0	17.9	12.0	11.9
Sodium	3.4	17.8	17.9	18.1	18.2
Potassium	300	271	270	278	279
Bicarbonate	33	35	36	27	26
Chloride	33	30	31	27	26
Sulfate	346	336	320	338	366
Fluoride	200	250	260	240	250
Diss.solids	18.1	30	40	20	20
Hardness	---	8.3	7.9	8.1	8.1
Noncarb.hardness	---	---	---	---	---
Silica	---	---	---	---	---
Total	---	---	---	---	---
Total Recoverable (Micrograms per liter)					
Ammonia	1.20	1.20	1.20	.98	.92
Nitrite	<.00	<.01	<.01	<.01	<.01
Nitrate	---	---	---	---	---
Organic.N	---	1.03	1.50	1.32	1.38
Total.N	---	1.20	1.70	1.32	1.38
Ortho.P	.03	.04	.01	.03	.03
Total.P	.05	.04	.10	.03	.05
TOC	15	15	21	10	10
COD	---	30	---	---	---
Total Recoverable (Micrograms per liter)					
Aluminum	20	150	---	---	---
Boron	---	<1	---	---	---
Cadmium	---	<1	---	---	---
Chromium	---	2	---	---	---
Cobalt	---	---	---	---	---
Copper	2	10	---	---	---
Iron	1900	200	---	---	---
Lead	---	---	---	---	---
Manganese	20	20	---	---	---
Nickel	---	---	---	---	---
Strontium	710	650	680	640	750
Zinc	10	50	---	---	---
Phenols	<1	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY.
 G-23448 at THE POMPANO WELLFIELD - 1984

Parameter	04-10-84	07-16-84
Temperature (C)	26.5	26.5
pH (units)	7.6	7.2
Alkalinity (as CaCO3)	149	144
Color (Pt-Co units)	5	10
Turbidity (NTU)	6.6	5
Spec.cond (uS/cm)	355	345

(Milligrams per liter)		

Calcium	61.8	67.7
Magnesium	7.9	4.0
Sodium	2.1	1.8
Potassium	182	176.0
Bicarbonate	13	22
Chloride	24	.1
Sulfate	230	200
Fluoride	170	180
Diss.solids	2C	30
Hardness	6.4	6.0
Noncarb.hardness		
Silica		
Total		

Ammonia	.09	.05
Nitrite	.01	<.01
Nitrate	.01	.01
Organic.N	.10	.16
Total.N	.20	.23
Ortho.P	.02	<.01
Total.P	.45	.35
TOC	3.8	3.0
COD		

(Micrograms per liter)		

Total Recoverable		
Aluminum		
Boron		
Cadmium		
Chromium		
Cobalt		
Copper		
Iron		
Lead		
Manganese		
Nickel		
Strontium	700	840
Zinc		
Phenols		

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY

G-2358 at CORAL SPRINGS - 1983-1984

Parameter	04-14-83	06-27-83	10-26-83	04-09-84	07-16-84
Temperature (C)	25.0	24.9	---	24.5	---
pH (units)	7.9	8.0	7.3	7.5	7.1
Alkalinity (as CaCO3)	490	484	480	503	508
Color (PT-CO units)	30	40	30	40	40
Turbidity (NTU)	1020	1060	1070	1070	1060
Spec.cond (uS/cm)					
Dissolved					
(Milligrams per liter)					
Calcium	190	190	190	200	---
Magnesium	6.0	5.6	5.6	6.0	---
Sodium	48	49	47	48	---
Potassium	1.5	1.2	1.3	1.5	---
Bicarbonate	598	590	586	614	620
Chloride	80	78	80	77	78
Sulfate	1	3	1	23	1
Fluoride	.3	.3	.4	.3	.3
Diss.solids	696	692	680	694	674
Hardness	500	500	500	530	---
Noncarb.hardness	9	20	17	20	---
Silica	17	18	17	18	17
Total	---	---	---	---	---
Ammonia	.58	.01	.61	.54	.53
Nitrite	<.00	<.01	<.01	<.01	<.01
Nitrate	---	---	.89	.87	.87
Organic.N	1.41	1.25	1.29	1.26	1.4
Total.N	.01	1.21	<.01	1.22	1.42
Ortho.P	.09	.16	<.01	.03	.03
Total.P	30	53	25	23	27
TOC	95	75	60	---	---
COD	---	---	---	---	---
Total Recoverable					
(Micrograms per liter)					
Aluminum	60	550	---	---	---
Boron	---	<1	---	---	---
Cadmium	---	<10	---	---	---
Chromium	---	470	---	---	---
Cobalt	2	---	---	---	---
Copper	380	---	---	---	---
Iron	2	---	---	---	---
Lead	10	---	---	---	---
Manganese	---	---	---	---	---
Nickel	10	---	---	---	---
Strontium	2900	---	---	---	---
Zinc	10	2800	3400	3000	---
Phenols	<1	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
G-2358A at CORAL SPRINGS - 1983-1984

Parameter	04-14-83	06-27-83	10-26-83	04-09-84	07-16-84
Temperature (C)	25.6	25.8	---	25.0	25.5
pH (units)	8.1	8.1	7.7	7.5	7.0
Alkalinity (as CaCO3)	279	248	246	259	262
Color (Pt-Co units)	120	80	100	70	90
Turbidity (NTU)	---	---	12	17	8.4
Spec.cond (uS/cm)	740	760	780	790	810
(Milligrams per liter)					
Calcium	96.1	100.6	100.2	110.5	110.3
Magnesium	67.1	65.5	62.2	66.7	67.6
Sodium	340.6	303.5	301.6	316.7	320.6
Potassium	91.0	5.5	100.6	120.7	110.8
Bicarbonate	4.0	4.3	6.4	6.7	6.4
Chloride	472.3	482.3	478.4	498.3	500.4
Fluoride	250.0	260.0	260.0	290.0	290.0
Diss.solids	11.1	11.1	11.1	12.1	11.1
Hardness	---	---	---	---	---
Noncarb.hardness	---	---	---	---	---
Silica	---	---	---	---	---
Total	---	---	---	---	---
(Micrograms per liter)					
Ammonia	.46	.47	.54	.48	.47
Nitrate	.01	.01	<.01	<.01	<.01
Nitrite	---	---	.01	.01	.01
Organic.N	---	.57	.96	.92	.91
Total.N	1.5	1.1	1.5	1.4	1.6
Ortho.P	.03	.02	.01	.02	.03
Total.P	.04	.02	.01	.05	.03
TOC	28	53	33	23	23
COD	60	90	35	---	---
Total Recoverable	---	---	---	---	---
(Micrograms per liter)					
Aluminum	750	530	---	---	---
Boron	---	1	---	---	---
Cadmium	---	<1	---	---	---
Chromium	---	2	---	---	---
Cobalt	---	<10	---	---	---
Copper	3	1500	---	---	---
Iron	1700	4	---	---	---
Lead	20	20	---	---	---
Manganese	---	---	---	---	---
Nickel	1400	1300	1600	1400	1500
Strontium	---	<1	---	---	---
Zinc	---	---	---	---	---
Phenols	---	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 G-2359 at NORTH LAUDERDALE - 1983-1984

Parameter	04-14-83	06-27-83	10-26-83	04-09-84	07-16-84
Temperature (C)	24.1	24.5	7.4	27.5	24.0
pH (units)	8.0	---	---	7.6	7.0
Alkalinity (as CaCO3)	367	340	343	336	355
Color (PT-Co units)	40	---	40	40	40
Turbidity (NTU)	---	---	---	690	710
Spec.cond (us/cm)	690	700	700	---	---
(Milligrams per liter)					
Calcium	130	140	140	140	140
Magnesium	2.4	17.6	16	16.5	17.5
Sodium	16.7	415	419	410	426
Potassium	448	29	28	29	29
Bicarbonate	30	.4	<.1	.4	<.1
Chloride	.4	.2	.3	.3	.3
Sulfate	439	---	422	460	436
Fluoride	---	360	360	360	360
Dissolved	---	20	20	30	6
Hardness	---	12	12	12	12
Noncarb.hardness	11	---	---	---	---
Silica	---	---	---	---	---
Total	---	---	---	---	---
Ammonia	.45	.65	.47	.40	.38
Nitrite	<.00	<.01	<.01	<.01	<.01
Nitrate	---	---	---	.01	.01
Organic.N	---	---	.35	.39	.46
Total.N	---	.65	.84	.81	.86
Ortho.P	.01	.01	.01	.01	.03
Total.P	.02	.01	.02	.03	.03
TOC	17	40	12	14	16
COD	40	85	28	---	---
(Micrograms per liter)					
Total Recoverable	---	---	---	---	---
Aluminum	50	480	---	---	---
Boron	---	<1	---	---	---
Cadmium	---	---	---	---	---
Chromium	---	---	---	---	---
Cobalt	---	10	---	---	---
Copper	2	560	---	---	---
Iron	460	---	---	---	---
Lead	3	---	---	---	---
Manganese	10	---	---	---	---
Nickel	---	---	---	---	---
Strontium	1400	---	1600	1400	1500
Zinc	20	---	---	---	---
Phenols	<1	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY

G-2359A at NORTH LAUDERDALE - 1983-1984

Parameter	04-14-83	06-27-83	10-26-83	04-09-84	07-16-84
Temperature (C)	24.8	25.0	25.0	25.0	25.0
pH (units)	8.0	8.2	7.4	7.5	7.1
Alkalinity (as CaCO3)	351	278	322	321	338
Color (Pt-Co units)	60	50	50	60	60
Turbidity (NTU)	---	---	2.7	6.6	4.8
Spec.cond (uS/cm)	730	620	700	690	710
(Milligrams per liter)					
Dissolved					
Calcium	140	120	140	130	140
Magnesium	17.3	1.8	1.9	1.8	1.7
Sodium	17.1	13	15	16	16
Potassium	428	5	1.0	6	6
Bicarbonate	31	340	393	392	413
Chloride	38	28	23	20	27
Sulfate	486	376	432	458	438
Fluoride	360	310	430	330	390
Diss. solids	9.4	8.5	9.5	10	9.8
Hardness					
Noncarb.hardness					
Silica					
Total					
Ammonia	1.0	.88	1.1	.89	.84
Nitrate	<.00	.01	<.01	<.01	<.01
Nitrite	---	---	.80	.51	.76
Organic.N	---	.04	---	---	---
Total.N	---	.92	1.03	1.03	1.60
Ortho.P	.05	.12	.03	.03	.03
Total.P	17.61	.56	.13	.17	.14
TOC	40	43	14	15	15
COD					
(Micrograms per liter)					
Total Recoverable					
Aluminum	610	---	---	---	---
Boron	760	---	---	---	---
Cadmium	1	---	---	---	---
Chromium	<1	---	---	---	---
Cobalt	<10	---	---	---	---
Copper	980	---	---	---	---
Iron	1500	---	---	---	---
Lead	10	---	---	---	---
Manganese	10	---	---	---	---
Nickel	1	---	---	---	---
Selenium	1600	---	---	---	---
Zinc	200	---	1600	1400	1600
Phenols	<1	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 G-2372 at WEST SUNRISE - 1984

Parameter	04-00-84	07-00-84
Temperature (C)	24.5	25.0
pH (units)	7.3	7.1
Alkalinity (as CaCO ₃)	383	367
Color (Pt-Co units)	10	10
Turbidity (NTU)	1.6	1.0
Spec.cond (US/cm)	840	840
Dissolved		
(Milligrams per liter)		
Calcium	140	120
Magnesium	12	11
Sodium	41	41
Potassium	5.6	6.5
Bicarbonate	468	448
Chloride	18	12
Sulfate	18.3	14
Fluoride	483	452
Diss.solids	400	350
Hardness	21	19
Noncarb.hardness		
Silica		
Total		
Ammonia	.33	.34
Nitrite	<.01	<.01
Nitrate	.35	.21
Organic-N	.70	.57
Ortho-P	.03	.02
Total-P	.03	.02
TOC	7.0	14
COD		
Total Recoverable		
(Micrograms per liter)		
Aluminum	---	---
Boron	---	---
Cadmium	---	---
Chromium	---	---
Cobalt	---	---
Copper	---	---
Iron	---	---
Lead	---	---
Manganese	---	---
Nickel	---	---
Sirconium	---	---
Zinc	2500	2300
Phenols	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
G-2372A at WEST SUNRISE - 1984

Parameter	04-00-84	07-00-84
Temperature (C)	24.5	25.5
pH (units)	7.4	7.0
Alkalinity (as CaCO3)	241	242
Color (PT-Co units)	70	140
Turbidity (NTU)	7.9	8.4
Spec-cond (US/cm)	560	570
Dissolved (Milligrams per liter)		
Calcium	110	110
Magnesium	2.6	2.6
Sodium	8.9	8.8
Potassium	.5	.5
Bicarbonate	294	296
Chloride	15	14
Sulfate	51	44
Fluoride	.3	.5
Diss.solids	388	394
Hardness	290	290
Noncarb.hardness	50	40
Silica	8.6	7.7
Total		
Ammonia	.70	.68
Nitrite	<.01	<.01
Nitrate	.01	1.0
Organic-N	1.2	1.7
Total-N	1.6	1.01
Ortho-P	.01	.01
Total-P	.02	>.02
TOC	23	27
LOD	---	---
Total Recoverable (Micrograms per liter)		
Aluminum	---	---
Boron	---	---
Cadmium	---	---
Chromium	---	---
Cobalt	---	---
Copper	---	---
Iron	---	---
Lead	---	---
Manganese	---	---
Nickel	---	---
Strontium	1000	980
Zinc	---	---
Phenols	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY

Parameter	G-2370 at 4			
	04-00-83	06-00-83	10-00-83	07-00-84
Temperature (C)	25.8	24.9	25.0	25.0
pH (units)	8.3	7.9	7.3	7.1
Alkalinity (as CaCO3)	285	262	271	280
Color (Pt-Co units)	40	30	60	70
Turbidity (NTU)	---	---	7.2	2.3
Spec.cond (US/cm)	630	620	638	640
(Milligrams per liter)				
Calcium	98	110	110	110
Magnesium	4.1	4.0	3.8	4.0
Sodium	24	24	23	25
Potassium	0.9	0.8	0.8	0.9
Bicarbonate	348	321	331	342
Chloride	42	41	38	37
Sulfate	16	18	20	22
Fluoride	0.2	0.2	0.3	0.3
Diss.solds	410	396	414	408
Hardness	260	290	290	290
Noncarb.hardness	12	30	20	10
Silica	12	12	12	12
(Micrograms per liter)				
Ammonia	0.81	0.78	0.75	0.78
Nitrite	<.00	<.01	<.01	<.01
Nitrate	0.01	0.01	0.01	0.01
Organic.N	5.6	5.5	7.7	6.1
Ortho.N	0.02	0.02	0.02	0.03
Ortho.P	0.02	0.02	0.03	0.04
TOC	21	11	11	17
COD	10	110	33	---
(Micrograms per liter)				
Aluminum	40	600	---	---
Boron	---	---	---	---
Cadmium	---	23	---	---
Chromium	---	---	---	---
Cobalt	---	---	---	---
Copper	3	<10	---	---
Iron	1500	1500	---	---
Lead	10	10	---	---
Manganese	10	10	---	---
Nickel	<1	<1	---	---
Strontium	1600	1600	1500	1800
Zinc	10	250	---	---
Phenols	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
G-2370A at THE PROSPECT WELLFIELD - 1983-84

Parameter	04-00-83	06-00-83	10-00-83	04-00-84	07-00-84
Temperature (C)	26.0	26.0	---	26.0	25.5
pH (units)	8.0	8.0	7.6	7.6	7.0
Alkalinity (as CaCO3)	205	185	206	221	221
Color (Pt-Co units)	70	---	60	50	60
Turbidity (NTU)	---	---	439	472	470
Spec.cond (US/cm)	364	353	---	---	---
(Milligrams per liter)					
Dissolved					
Calcium	75	72	87	95	96
Magnesium	1.4	1.5	1.6	1.8	1.7
Sodium	4.3	4.2	4.2	5.3	4.5
Potassium	---	---	---	---	---
Bicarbonate	247	227	252	270	277
Chloride	7.0	7.2	7.2	7.7	10
Sulfate	.4	.2	.2	.2	18
Fluoride	.1	.1	.1	.2	.2
Diss.solids	230	236	272	312	280
Hardness	190	190	220	250	250
Noncarb.hardness	0	0	20	20	20
Silica	7.7	7.5	7.3	7.5	6.8
Total	---	---	---	---	---
(Micrograms per liter)					
Ammonia	.64	.66	.52	.51	.47
Nitrite	<.00	<.01	.01	<.01	<.01
Nitrate	.19	.10	.01	.01	.01
Organic.N	.83	.29	.36	.34	.25
Total.N	.04	.02	.05	.02	.02
Ortho.P	.15	.16	.05	.08	.02
Total.P	14	8.0	7.6	9.0	12
TOC	---	---	---	---	---
COD	---	---	---	---	---
(Micrograms per liter)					
Total Recoverable					
Aluminum	180	---	---	---	---
Boron	---	600	---	---	---
Cadmium	---	1	---	---	---
Chromium	---	22	---	---	---
Cobalt	---	5	---	---	---
Copper	---	<10	---	---	---
Iron	1100	1200	---	---	---
Lead	5	<10	---	---	---
Manganese	10	<10	---	---	---
Nickel	---	---	---	---	---
Nitronium	480	600	---	690	770
Zinc	10	20	---	---	---
Phenols	<1	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
G-2375 at THE EXEC. AIRPORT - 1984

Parameter	07-16-84
Temperature (C)	25.5
pH (unitless)	7.0
Alkalinity (as CaCO3)	266
Color (Pt-Co units)	50
Turbidity (NTU)	7.0
Spec.cond (US/cm)	640

(Milligrams per liter)	

Dissolved	
Calcium	110
Magnesium	27.7
Sodium	27.8
Potassium	322
Bicarbonate	42
Chloride	18
Sulfate	388.2
Fluoride	290
Diss.solids	20
Hardness	20
Noncarb.hardness	10
Silica	
Total	
Ammonia	.86
Nitrite	<.01
Nitrate	.54
Organic-N	1.24
Total-N	.14
Ortho-P	.88
Total-P	
TOC	12
COD	

(Micrograms per liter)	

Total Recoverable	
Aluminum	
Boron	
Cadmium	
Chromium	
Cobalt	
Copper	
Iron	
Lead	
Manganese	
Nickel	
Strontium	820
Zinc	
Phenols	

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
G-2375A at THE EXEC. AIRPORT - 1984

Parameter	07-00-84
Temperature (C)	7.0
pH (units)	8.0
Alkalinity (as CaCO3)	18
Color (Pt-Co units)	438
Turbidity (NTU)	
Spec.cond (uS/cm)	
(Milligrams per liter)	
Dissolved	
Calcium	74
Magnesium	3.7
Sodium	11
Potassium	1.9
Bicarbonate	214
Chloride	19
Sulfate	23
Fluoride	.4
Diss.solids	260
Hardness	200
Noncarb.hardness	28.1
Silica	
Total	
Ammonia	.70
Nitrite	.01
Nitrate	.44
Organic.N	.99
Total.N	.67
Ortho.P	1.3
Total.P	10
TOC	
COD	
(Micrograms per liter)	
Total Recoverable	
Aluminum	
Boron	
Cadmium	
Chromium	
Cobalt	
Copper	
Iron	
Lead	
Manganese	
Nickel	
Strontium	230
Zinc	
Phenols	

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 G-820 at THE EXECUTIVE AIRPORT - 1983-84

Parameter	04-00-83	06-00-83	10-00-83	04-00-84	07-00-84
Temperature (C)	26.1	26.2	25.9	26.0	26.5
pH (units)	8.0	7.8	8.0	7.7	7.1
Alkalinity (as CaCO3)	186	174	170	180	178
Color (PT-Co units)	10	5	10	5	10
Turbidity (NTU)	---	---	1	4	3.3
Spec. cond (uS/cm)	353	350	359	355	358
(Milligrams per liter)					
Dissolved					
Calcium	67	72	70	69	70
Magnesium	1.4	1.6	1.4	1.5	1.4
Sodium	5.8	6.3	6.7	6.2	6.1
Potassium	---	---	---	---	---
Bicarbonate	---	212	208	220	218
Chloride	12	12	11	11	11
Sulfate	10	2	<1	2	1
Fluoride	---	---	---	---	---
Diss. solids	211	214	204	206	212
Hardness	---	190	---	---	---
Noncarb. hardness	---	10	10	10	12
Silica	10	11	10	11	10
Total	---	---	---	---	---
(Micrograms per liter)					
Total Recoverable					
Ammonia	20	17	14	18	18
Nitrite	<.01	<.01	.01	.01	<.01
Nitrate	---	---	---	---	---
Organic-N	---	.03	.01	.03	.03
Total-N	---	.02	.02	.03	.03
Ortho-P	.03	.03	.08	.02	.03
Total-P	.04	.05	.10	.04	.03
TOC	2.5	18	4.0	4.5	2.0
COD	2	15	10	4	2
(Micrograms per liter)					
Total Recoverable					
Aluminum	60	---	---	---	---
Boron	---	300	---	---	---
Cadmium	---	---	---	---	---
Chromium	---	---	---	---	---
Cobalt	---	---	---	---	---
Copper	---	---	---	---	---
Iron	250	1200	---	---	---
Lead	20	4	---	---	---
Manganese	---	---	---	---	---
Nickel	20	10	---	---	---
Selenium	180	---	---	---	---
Zinc	20	30	240	320	350
Phenols	8	---	2	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY

5-820A at THE EXEC. AIRPORT - 1983-84

Parameter	06-00-83	10-00-83	04-00-84	07-00-84
Temperature (C)	26.2	26.3	26.5	26.0
pH (units)	7.9	7.6	7.5	7.0
Alkalinity (as CaCO3)	229	235	239	230
Color (Pt-Co units)	10	10	5	10
Turbidity (NTU)	---	82	17	28
Spec.cond (uS/cm)	---	500	490	460
Dissolved				
(Milligrams per liter)				
Calcium	100	100	100	98
Magnesium	2.8	3.1	3.6	2.9
Sodium	4.0	3.4	3.4	3.3
Potassium	1.2	1.3	1.5	1.3
Bicarbonate	380	279	292	281
Chloride	7.0	5.0	4.4	5.0
Sulfate	32	30	31	26
Fluoride	.1	.2	.1	.2
Diss.solids	270	312	302	288
Hardness	40	260	270	260
Noncarb.hardness	12	12	12	12
Silica	---	---	---	---
Total	---	---	---	---
Total Recoverable				
(Micrograms per liter)				
Ammonia	.46	.31	.38	.33
Nitrate	.01	.01	<.01	<.01
Organic.N	.14	.14	.01	.01
Total.N	.61	.47	.48	.51
Ortho.P	---	.85	---	---
Total.P	1.9	1.9	1.8	1.2
TOC	7.8	6.0	6.4	9.6
COD	30	10	---	---
Total Recoverable				
(Micrograms per liter)				
Aluminum	---	---	---	---
Boron	220	---	---	---
Cadmium	1	---	---	---
Chromium	<1	---	---	---
Chromium	5	---	---	---
Cobalt	10	---	---	---
Copper	---	---	---	---
Iron	7300	---	---	---
Lead	40	---	---	---
Manganese	---	---	---	---
Nickel	40	---	---	---
Strontium	160	---	---	---
Zinc	80	150	220	270
Phenols	---	2	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY

G-2275 at THE EXEC. AIRPORT - 1983-84

Parameter	04-18-83	06-23-83	10-04-83	04-13-84	07-12-84
Temperature (C)	25.9	25.8	25.9	26.0	26.5
pH (units)	8.0	8.0	7.7	7.3	6.9
Alkalinity (as CaCO3)	239	232	226	242	241
Color (PT-Units)	10	15	30	10	20
Turbidity (NTU)	---	---	38	17.6	19.3
Specific Cond (US/cm)	488	490	500	520	510
(Milligrams per liter)					
Dissolved					
Calcium	97	100	100	100	100
Magnesium	2.2	2.4	2.2	2.2	2.3
Sodium	8.0	9.9	8.2	9.2	7.3
Potassium	1.0	.8	.9	1.0	1.0
Bicarbonate	292	283	276	296	295
Chloride	15	25	12	14	10
Sulfate	24	25	25	25	25
Fluoride	<.1	<.1	.2	.2	.2
Diss. Solids	307	340	314	302	308
Hardness	290	290	290	290	290
Noncarb. hardness	10	12	12	12	12
Silica	11	12	12	12	12
Total	---	---	---	---	---
(Micrograms per liter)					
Total Recoverable					
Ammonia	27	25	20	23	21
Nitrate	00	01	01	01	01
Nitrite	00	00	00	00	00
Organic-N	13	04	03	06	04
Total-N	40	29	23	29	25
Ortho-P	05	06	02	08	08
Total-P	26	24	21	25	20
TOC	4.0	15	35	5	9
COD	0	15	35	5	9
(Micrograms per liter)					
Total Recoverable					
Aluminum	<10	---	---	---	---
Boron	80	80	---	---	---
Cadmium	---	14	---	---	---
Chromium	---	6	---	---	---
Cobalt	---	1900	---	---	---
Copper	4500	3900	---	---	---
Iron	---	---	---	---	---
Lead	---	---	---	---	---
Manganese	60	50	---	---	---
Nickel	270	280	180	300	310
Sironium	20	30	---	---	---
Zinc	3	---	---	---	---
Phenols	---	---	<1	---	---

TABLE 2 --- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 6-2361 at INVERRARY - 1983-1984

Parameter	04-00-83	06-00-83	10-00-83	04-00-84	07-00-84
Temperature (C)	---	24.8	24.7	25.0	25.0
pH (units)	7.8	7.8	7.3	7.4	7.3
Alkalinity (as CaCO3)	371	330	350	327	351
Color (PT. Units)	28	18	11	19	60
Turbidity (NTU)	880	760	750	800	800
Spec.cond (US/cm)					
(Milligrams per liter)					
Dissolved					
Calcium	150	150	160	150	160
Magnesium	2.9	2.8	2.7	3.2	2.8
Sodium	15	16.7	15.9	17.8	17.8
Potassium	452	403	427	399	427
Bicarbonate	30	33	32	33	31
Chloride	34	33	32	33	31
Sulfate	542	524	540	568	536
Fluoride	2	1	3	3	3
Diss.solids	390	390	410	390	410
Hardness	---	60	60	60	60
Noncarb.hardness	---	11	11	12	11
Silica	10				
Total	---				
Ammonia	1.2	1.8	1.9	1.2	1.6
Nitrite	<.00	<.01	<.01	<.01	<.01
Nitrate	---	<.02	---	.01	.01
Organic.N	---	1.3	2.4	1.8	.50
Total.N	.02	1.8	2.4	1.8	.50
Ortho.P	.04	.02	.02	.01	.03
Total.P	24	18	15	17	18
TOC	60	45	38	---	---
COD					
(Micrograms per liter)					
Total Recoverable					
Aluminum	50	630	---	---	---
Boron	---	---	---	---	---
Cadmium	---	20	---	---	---
Chromium	---	8	---	---	---
Cobalt	3	<10	---	---	---
Copper	4900	4700	---	---	---
Iron	70	110	---	---	---
Lead	20	1	---	---	---
Manganese	100	2	---	---	---
Nickel	100	1650	1500	1600	1800
Strontium	10	---	---	---	---
Zinc	10	---	---	---	---
Phenols	<1	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BOWARD COUNTY

G-2361A at INVERRARY - 1983-1984

Parameter	06-00-83	10-00-83	04-00-84	07-00-84
Temperature (C)	25.8	---	25.5	25.5
pH (units)	---	---	29.6	34.1
Alkalinity (as CaCO3)	---	324	70	100
Color (Pt-Co units)	---	11	13	9.5
Turbidity (NTU)	---	659	650	680
Spec.cond (uS/cm)	---	---	---	---
(Milligrams per liter)				
Dissolved				
Calcium	---	130	12.4	---
Magnesium	---	13	13.4	2.5
Sodium	---	---	---	15.7
Potassium	---	---	---	---
Bicarbonate	---	396	362	416
Chloride	---	24	27	9
Sulfate	---	7.2	7.8	---
Fluoride	---	---	---	---
Diss.solids	---	446	452	444
Hardness	---	340	310	360
Noncarb.hardness	---	10	10	20
Silica	---	11	12	11
Total				
Ammonia	---	1.9	1.2	1.2
Nitrite	---	.07	<.01	.01
Nitrate	---	.01	.01	.01
Organic.N	---	.8	---	---
Total.N	---	1.9	1.7	1.8
Ortho.P	---	.02	.03	.04
Total.P	---	.03	.10	.04
TOC	---	17	20	21
COD	---	35	---	---
(Micrograms per liter)				
Total Recoverable				
Aluminum	---	---	---	---
Boron	---	310	---	---
Cadmium	---	1	---	---
Chromium	---	1	---	---
Cobalt	---	10	---	---
Copper	---	3800	---	---
Iron	---	---	---	---
Lead	---	3	---	---
Manganese	---	20	---	---
Nickel	---	2	---	---
Strontium	---	1200	1300	1400
Zinc	---	60	---	---
Phenols	---	---	---	---

TABLE 2 --- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY

Parameter	G-2362 at LEVEE 35A - 1983-1984		04-00-84		06-00-83		10-00-83		04-00-84		07-00-84	
	04-00-83	06-00-83	04-00-83	06-00-83	10-00-83	04-00-84	06-00-83	10-00-83	04-00-84	06-00-83	10-00-83	07-00-84
Temperature (C)	25.0	24.8	---	---	---	24.5	---	---	24.5	---	---	24.0
pH (units)	8.3	8.2	---	---	7.5	7.4	---	---	7.4	---	---	6.9
Alkalinity (as CaCO3)	310	209	---	---	285	296	---	---	140	---	---	282
Color (PT-co units)	45	50	---	---	100	140	---	---	140	---	---	100
Turbidity (NTU)	850	700	---	---	840	840	---	---	840	---	---	850
Spec.cond (us/cm)												
(Milligrams per liter)												
Dissolved												
Calcium	100	77	100	77	108	100	100	108	100	9.2	100	100
Magnesium	9.3	9.2	7.3	7.3	7.1	7.1	7.1	7.1	6.8	9.2	7.1	7.1
Sodium	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.8	1.8	1.8	1.7
Potassium	378	255	348	255	348	362	348	348	362	3.8	345	345
Bicarbonate	120	108	110	108	110	100	110	110	100	5.4	110	110
Chloride	2.4	2.3	2.4	2.3	2.4	2.4	2.4	2.4	2.4	2.3	2.4	2.3
Sulfate	541	528	541	528	541	541	541	541	541	5.3	508	508
Total Solids	---	230	---	230	---	290	---	---	290	9.8	290	290
Hardness	---	20	---	20	---	20	---	---	20	9.8	20	20
Noncarb.hardness	7.9	8.8	---	8.8	---	8.6	---	---	8.6	---	---	9.4
Silica												
Total												
Ammonia	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5	1.2	1.2
Nitrite	.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01
Nitrate	---	.01	---	.01	---	.01	---	.01	.01	.01	.01	.01
Organic-N	---	.02	---	.02	---	.02	---	.02	.02	.02	.02	.02
Total-N	---	1.01	---	1.01	---	1.01	---	1.01	1.01	1.01	1.01	1.01
Total-P	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03
Total-P	---	---	---	---	---	---	---	---	---	---	---	---
TOC	26	28	26	28	26	26	26	26	26	23	26	24
COD	75	75	75	75	75	75	75	75	75	75	75	75
(Micrograms per liter)												
Total Recoverable												
Aluminum	100	90	100	90	100	100	100	100	100	100	100	100
Boron	---	---	---	---	---	---	---	---	---	---	---	---
Chromium	---	<1	---	<1	---	---	---	---	---	---	---	---
Cadmium	---	---	---	---	---	---	---	---	---	---	---	---
Cobalt	---	---	---	---	---	---	---	---	---	---	---	---
Copper	5	<10	5	<10	5	5	5	5	5	5	5	5
Iron	3100	3000	3100	3000	3100	3100	3100	3100	3100	3100	3100	3100
Lead	390	1000	390	1000	390	390	390	390	390	390	390	390
Manganese	20	20	20	20	20	20	20	20	20	20	20	20
Nickel	---	---	---	---	---	---	---	---	---	---	---	---
Selenium	920	880	920	880	920	920	920	920	920	920	920	930
Strontium	---	---	---	---	---	---	---	---	---	---	---	---
Zinc	10	50	10	50	10	10	10	10	10	10	10	10
Phenols	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 G-2362A at LEVEE 35A - 1983-1984

Parameter	04-00-83	06-00-83	10-00-83	04-00-84	07-00-84
Temperature (C)	25.8	25.0	---	24.0	25.0
pH (units)	7.8	7.6	7.6	7.4	7.0
Alkalinity (as CaCO3)	312	290	284	288	285
Color (Pt-Co units)	110	53	70	80	100
Turbidity (NTU)	32	1.0	18	2.8	3.5
Spec.cond (US/cm)	880	860	860	840	840
(Milligrams per liter)					
Dissolved					
Calcium	100	100.8	100	100	100
Magnesium	70.1	70.8	77.2	68.7	72.7
Sodium	1.5	1.5	1.3	1.5	1.4
Potassium	380	354	347	364	348
Bicarbonate	120	116	110	100	110
Chloride	0.0	---	<.1	5.6	<.1
Sulfate	0.3	---	5.5	---	5.5
Fluoride	544	542	508	506	502
Diss.solids	---	290	280	290	290
Hardness	---	---	---	---	---
Noncarb.hardness	7.9	8.6	8.2	9.4	8.6
Silica	---	---	---	---	---
Total	---	---	---	---	---
Ammonia	1.3	1.3	1.3	1.6	1.2
Nitrite	.01	<.01	<.01	<.01	<.01
Nitrate	---	---	---	---	---
Organic.N	---	1.33	1.7	2.0	1.9
Total.N	---	---	---	---	---
Ortho.P	.02	.01	.01	.01	.02
Total.P	.17	.04	.36	.02	.02
TOC	---	41	23	23	30
COD	100	65	62	---	---
(Micrograms per liter)					
Total Recoverable					
Aluminum	290	130	---	---	---
Boron	---	130	---	---	---
Cadmium	---	<1	---	---	---
Chromium	---	<1	---	---	---
Cobalt	---	<10	---	---	---
Copper	3700	3400	---	---	---
Iron	4	1	---	---	---
Lead	10	20	---	---	---
Manganese	---	---	---	---	---
Nickel	940	890	880	960	920
Strontium	---	---	---	---	---
Zinc	10	---	---	---	---
Phenols	---	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 G-2363 at THE PANAMA CANAL - 1983-1984

Parameter	04-13-83	06-22-83	10-04-83	04-06-84	07-12-84
Temperature (C)	---	25.7	25.8	25.5	26.5
pH (units)	---	8.0	7.3	7.3	6.9
Alkalinity (as CaCO3)	---	277	287	316	282
Color (PT-Units)	---	35	60	50	80
Turbidity (NTU)	---	---	60.5	8.7	4.7
Secchi (US/cm)	---	620	609	700	630
Dissolved					
(Milligrams per liter)					
Calcium	---	130	---	150	120
Magnesium	---	2.8	---	3.1	2.9
Sodium	---	10	---	13.7	11.7
Potassium	---	5	---	---	---
Bicarbonate	---	338	350	386	344
Chloride	---	21	19	25	21
Sulfate	---	30	23	43	25
Fluoride	---	3	3	2	4
Dissolids	---	408	402	386	398
Hardness	---	340	---	390	310
Noncarb. hardness	---	9.8	10	10	9.4
Silica	---	---	---	---	---
Total					
Ammonia	---	<.01	---	1.6	1.2
Nitrite	---	<.01	---	<.01	<.01
Nitrate	---	---	---	---	---
Organic-N	---	56	---	70	70
Total-N	---	1.8	---	1.7	1.9
Ortho-P	---	<.01	---	<.01	<.02
Total-P	---	---	---	---	---
TOC	---	31	13	15	16
COD	---	45	---	---	---
Total Recoverable					
(Micrograms per liter)					
Aluminum	110	---	---	---	---
Boron	330	---	---	---	---
Calcium	---	21	---	---	---
Chromium	---	---	---	---	---
Cobalt	---	2	---	---	---
Copper	---	2700	---	---	---
Iron	---	6	---	---	---
Lead	---	20	---	---	---
Manganese	---	---	---	---	---
Nickel	---	---	---	---	---
Strontium	---	1200	---	1400	1300
Zinc	---	120	---	---	---
Phenols	<1	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 G-2363A at THE PANAMA CANAL - 1983-1984

Parameter	04-0C-83	06-0C-83	10-00-83	04-00-84	07-0C-84
Temperature (C)	26.2	25.9	---	25.0	26.0
pH (units)	7.7	8.0	7.3	7.4	7.0
Alkalinity (as CaCO3)	325	306	351	362	360
Color (PT-co units)	40	40	60	50	60
Turbidity (NTU)	18	---	12	6.2	6.2
Spec.cond (US/cm)	760	780	859	1110	940
(Milligrams per liter)					
Dissolved					
Calcium	160	170	---	190	200
Magnesium	3.8	4.0	---	7.6	7.0
Sodium	6.3	6.2	---	7.3	7.3
Potassium	---	---	---	---	---
Bicarbonate	16	374	428	442	439
Chloride	100	---	110	100	100
Sulfate	---	---	---	---	---
Fluoride	543	558	644	624	644
Diss. solids	---	440	---	500	520
Hardness	---	148.1	---	130	160
Noncarb. hardness	7.1	---	8.2	9.4	8.6
Silica	---	---	---	---	---
Total	---	---	---	---	---
Ammonia	1.5	2.0	---	2.0	1.6
Nitrate	<.00	<.01	---	<.01	<.01
Nitrite	---	<.01	---	<.01	<.01
Organic-N	---	.12	---	.20	.20
Total-N	---	2.1	---	2.2	2.1
Ortho-P	.01	<.01	---	.01	.01
Total-P	---	<.01	---	.02	.02
TOC	15	33	14	16	20
COD	30	30	---	---	---
(Micrograms per liter)					
Total Recoverable					
Aluminum	90	710	---	---	---
Boron	---	---	---	---	---
Cadmium	---	20	---	---	---
Chromium	---	---	---	---	---
Cobalt	---	---	---	---	---
Copper	3	150	---	---	---
Iron	1700	5	---	---	---
Lead	---	---	---	---	---
Manganese	20	10	---	---	---
Nickel	---	---	---	---	---
Selenium	---	---	---	---	---
Silver	---	---	---	---	---
Zinc	10	1400	---	1600	1600
Phenols	<1	120	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY

G-2364 at MIRROR LAKE PARK - 1983-1984

Parameter	04-00-83	06-00-83	09-00-83	04-00-84	07-00-84
Temperature (C)		28.5	25.0	25.5	26.0
pH (Units)	7.6	7.9	7.7	7.6	7.2
Alkalinity (as CaCO3)	233	221	200	223	211
Color (PT-Co. Units)	80	60	90	60	80
Turbidity (NTU)	57.2	590	530	619	550
Spec.cond (uS/cm)					
(Milligrams per liter)					
Dissolved					
Calcium	110	110	100	110	98
Magnesium	12.2	12.4	12.0	13.0	12.2
Sodium	14	14.5	15	15	16.5
Potassium	228	270	247	272	258
Bicarbonate	37	34	37	30	39
Chloride	35	47	30	59	29
Sulfate	404	400	380	452	352
Fluoride	---	290	260	290	250
Diss.solids	7.5	60	60	70	40
Hardness		8.0	8.1	9.2	8.3
Noncarb.hardness					
Silica					
Total					
Ammonia	.78	.74	.68	.87	.71
Nitrite	.00	<.01	<.01	<.01	<.01
Nitrate	---	---	---	---	---
Organic.N	---	1.84	1.62	1.83	1.59
Total.N	.02	.01	.02	1.7	1.02
Total.P	.02	.01	.02	.02	.03
TOC	16	20	11	15	19
COD	70	40	33	---	---
(Micrograms per liter)					
Total Recoverable					
Aluminum	70	180	---	---	---
Boron	---	23	---	---	---
Cadmium	---	<1	---	---	---
Chromium	---	2300	---	---	---
Cobalt	---	---	---	---	---
Copper	2	---	---	---	---
Iron	2100	---	---	---	---
Lead	<1	---	---	---	---
Manganese	10	---	---	---	---
Nickel	---	---	---	---	---
Strontium	930	1000	800	1100	840
Zinc	10	20	---	---	---
Phenols	<1	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BRADWARD COUNTY

G-2364A at MIRROR LAKE PARK - 1984

Parameter	04-00-84	07-00-84
Temperature (C)	25.0	26.0
pH (units)	27.5	27.4
Alkalinity (as CaCO3)	211	262
Color (Pt-Co units)	40	50
Turbidity (NTU)	2.0	1.5
Spec.cond (uS/cm)	465	540

(Milligrams per liter)

Calcium	89	100
Magnesium	3.3	4.6
Sodium	5.1	5.8
Potassium	13	17
Bicarbonate	258	320
Chloride	19.0	21.0
Sulfate	19.3	21.6
Fluoride	308	340
Diss.solids	240	270
Hardness	30	6
Noncarb.hardness	30	5.3
Silica	5.6	
Total		
Ammonia	18	16
Nitrite	<.01	.01
Nitrate	.01	.01
Organic.N	.66	.80
Total.N	.01	.01
Ortho.P	.02	.02
Total.P	9.0	17
TOC		
COD		

(Micrograms per liter)

Aluminum		
Boron		
Cadmium		
Chromium		
Cobalt		
Copper		
Iron		
Lead		
Manganese		
Nickel		
Strontium	690	820
Zinc		
Phenols		

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 G-2345X at THE DIXIE WELLFIELD -- 1983-1984

Parameter	04-00-83	06-00-83	10-00-83	04-00-84	07-00-84
Temperature (C)	26.0	25.8	25.8	26.0	26.5
pH (Units)	8.2	8.0	7.7	7.5	6.9
Alkalinity (as CaCO3)	240	195	223	228	229
Color (PT-Units)	70	30	80	50	50
Turbidity (NTU)	---	---	11	8.7	3
Spec.cond (uS/cm)	540	465	536	540	540
(Milligrams per liter)					
Calcium	98	100	100	100	100
Magnesium	2.9	3.0	2.8	2.8	2.8
Sodium	14	15	15	15	15
Potassium	0.6	0.5	0.5	0.6	0.6
Bicarbonate	293	238	273	287	280
Chloride	28	27	26	27	25
Sulfate	28	28	28	27	25
Fluoride	0.2	0.2	0.2	0.2	0.3
Dissolved Solids	347	350	350	329	326
Hardness	130	290	290	290	290
Noncarb. hardness	9.2	9.2	9.3	10	9.4
Silica	---	---	---	---	---
Total	---	---	---	---	---
(Micrograms per liter)					
Ammonia	0.75	0.72	0.70	0.76	0.72
Nitrite	<.01	<.01	<.01	<.01	<.01
Nitrate	0.75	0.75	0.30	0.94	0.38
Organic.N	0.48	0.23	0.30	0.74	0.17
Total.N	1.2	1.0	1.0	1.7	1.1
Total.P	0.02	0.02	0.05	0.07	0.07
Total.COD	17	17	19	10	13
COD	90	20	33	10	---
Total Recoverable	---	---	---	---	---
Aluminum	130	---	---	---	---
Boron	---	130	---	---	---
Cadmium	---	---	---	---	---
Chromium	---	23	---	---	---
Cobalt	---	---	---	---	---
Copper	---	<10	---	---	---
Iron	290	290	---	---	---
Lead	---	---	---	---	---
Manganese	---	<10	---	---	---
Nickel	---	---	---	---	---
Strontium	---	710	---	---	---
Zinc	---	10	680	830	870
Phenols	<1	---	---	---	---

TABLE 2 --- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
G-2345B at THE DIXIE WELLFIELD ~ 1983

04-0C-83

Parameter
 Temperature (C) 26.6
 pH (units) 7.7
 Alkalinity (as CaCO3) 226
 Color (Pt-Co units) 90
 Turbidity (NTU) ---
 Spec.cond (US/cm) 530

(Milligrams per liter)
 Dissolved
 Calcium 45
 Magnesium 12.2
 Sodium 15
 Potassium 1.5
 Bicarbonate 275
 Chloride 34
 Sulfate 34
 Fluoride 353.2
 Dissolids ---
 Hardness ---
 Noncarb.hardness ---
 Silica 7.7

Total
 Ammonia .56
 Nitrate .00
 Nitrite ---
 Organic.N ---
 Total.N ---
 Ortho.P .08
 Total.P .08
 TOC 17
 COD 10

(Micrograms per liter)
 Total Recoverable
 Aluminum 70
 Boron ---
 Cadmium ---
 Chromium ---
 Cobalt 10
 Copper 1500
 Iron 10
 Lead 20
 Manganese 20
 Nickel 490
 Silver 10
 Zinc <1
 Phenols <1

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
G-2373 at WESTON - 1984

Parameter	04-00-84	07-00-84
Temperature (C)	24.0	25.0
pH (units)	7.4	7.3
Alkalinity (as CaCO3)	321	324
Color (Pt-Co units)	100	120
Turbidity (NTU)	1.0	1.1
Spec.cond (uS/cm)	940	910
Dissolved		
(Milligrams per liter)		
Calcium	94	93
Magnesium	19	18
Sodium	86	89
Potassium	2.5	2.8
Bicarbonate	392	398
Chloride	120	120
Sulfate	6.6	8.8
Fluoride	.3	.5
Diss.solids	578	574
Hardness	310	310
Noncarb.hardness	14	13
Silica		
Total		
Total Recoverable		
(Micrograms per liter)		
Ammonia	.64	.62
Nitrite	<.01	<.01
Nitrate	.01	.01
Organic-N	1.7	1.3
Total-N	2.3	1.9
Ortho-P	.02	.01
Total-P	.02	.02
TOC	26	32
COD		
Total Recoverable		
(Micrograms per liter)		
Aluminum	---	---
Boron	---	---
Cadmium	---	---
Chromium	---	---
Cobalt	---	---
Copper	---	---
Iron	---	---
Lead	---	---
Manganese	---	---
Nickel	---	---
Selenium	---	---
Strontium	1200	1000
Zinc	---	---
Phenols	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BRUARD COUNTY

G-2373A at WESTON - 1984

Parameter	04-00-84	07-00-84
Temperature (C)	25.0	25.0
pH (units)	7.5	7.3
Alkalinity (as CaCO3)	324	273
Color (Pt-Co units)	100	120
Turbidity (NTU)	1.2	0.8
Spec.cond (uS/cm)	960	830

(Milligrams per liter)		
Dissolved		
Calcium	100	86
Magnesium	16	13
Sodium	89	83
Potassium	1.4	1.5
Bicarbonate	396	334
Chloride	130	120
Sulfate	10	.8
Fluoride	.3	.3
Diss.solids	588	522
Hardness	320	270
Noncarb.hardness	13	13
Silica		
Total		

(Micrograms per liter)		
Total Recoverable		
Ammonia	.69	.64
Nitrite	<.01	<.01
Nitrate	.91	.96
Organic.N	1.2	1.8
Total.N	2.2	3.6
Ortho.P	.03	.01
Total.P	.03	.02
TOC	29	32
COD		

(Micrograms per liter)		
Total Recoverable		
Aluminum		
Boron		
Cadmium		
Chromium		
Cobalt		
Copper		
Iron		
Lead		
Manganese		
Nickel		
Srntium	1100	810
Zinc		
Phenols		

TABLE 2 --- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY

Parameter	G-2365 at WEST DAVIE - 1983-1984		06-21-83		09-28-83		11-01-83		04-13-84		07-17-84	
	06-21-83	09-28-83	11-01-83	04-13-84	07-17-84	06-21-83	09-28-83	11-01-83	04-13-84	07-17-84	06-21-83	09-28-83
Temperature (C)	24.5	24.0	---	24.0	24.0	---	---	---	24.0	24.0	---	---
pH (units)	---	7.8	---	7.8	7.7	---	---	---	7.7	7.1	---	---
Alkalinity (as CaCO3)	---	291	---	291	308	---	---	---	308	306	---	---
Color (PT-CU units)	---	80	---	80	80	---	---	---	80	100	---	---
Turbidity (NTU)	---	3.7	---	3.7	1.8	---	---	---	1.8	3.2	---	---
Spec.cond (US/cm)	---	710	---	710	630	---	---	---	720	730	---	---
(Milligrams per liter)												
Dissolved												
Calcium	---	110	---	110	110	---	---	---	110	120	---	---
Magnesium	---	8.8	---	8.8	8.7	---	---	---	8.7	8.8	---	---
Sodium	---	36	---	36	37	---	---	---	37	35	---	---
Potassium	---	356	---	356	376	---	---	---	376	374	---	---
Bicarbonate	---	57	---	57	58	---	---	---	58	57	---	---
Chloride	---	14	---	14	14	---	---	---	14	12	---	---
Sulfate	---	484	---	484	424	---	---	---	424	464	---	---
Fluoride	---	310	---	310	310	---	---	---	310	340	---	---
Diss.solids	---	11	---	11	11	---	---	---	11	11	---	---
Hardness	---	---	---	---	---	---	---	---	---	---	---	---
Noncarb.hardness	---	---	---	---	---	---	---	---	---	---	---	---
Silica	---	---	---	---	---	---	---	---	---	---	---	---
Total	---	---	---	---	---	---	---	---	---	---	---	---
(Micrograms per liter)												
Ammonia												
Nitrite	---	1.01	---	1.01	1.2	---	---	---	1.2	1.01	---	---
Nitrate	---	.01	---	.01	.01	---	---	---	.01	.01	---	---
Organic-N	---	1.2	---	1.2	.64	---	---	---	1.2	1.4	---	---
Total-N	---	.02	---	.02	.01	---	---	---	.02	.01	---	---
Total-P	---	18	---	18	38	---	---	---	20	20	---	---
TOC	---	---	---	---	---	---	---	---	---	---	---	---
COD	---	---	---	---	---	---	---	---	---	---	---	---
Total Recoverable												
Aluminum	---	---	---	---	---	---	---	---	---	---	---	---
Boron	120	---	---	---	---	---	---	---	---	---	---	---
Cadmium	20	---	---	---	---	---	---	---	---	---	---	---
Chromium	20	---	---	---	---	---	---	---	---	---	---	---
Cobalt	<10	---	---	---	---	---	---	---	---	---	---	---
Copper	2800	---	---	---	---	---	---	---	---	---	---	---
Iron	4	---	---	---	---	---	---	---	---	---	---	---
Lead	20	---	---	---	---	---	---	---	---	---	---	---
Manganese	5	---	---	---	---	---	---	---	---	---	---	---
Nickel	960	---	---	---	---	---	---	---	---	---	---	---
Selenium	---	---	---	---	---	---	---	---	---	---	---	---
Silver	---	---	---	---	---	---	---	---	---	---	---	---
Zinc	90	---	---	---	---	---	---	---	---	---	---	---
Phenols	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BOWARD COUNTY
 G-2365A at WEST DAVIE - 1983-1984

Parameter	06-21-83	09-28-83	01-11-84	03-22-84	04-13-84
Temperature (C)	25.0	25.0	---	---	25.0
pH (units)	---	22.4	---	---	23.6
Alkalinity (as CaCO3)	229	40	30	20	233
Color (PTU-co units)	---	16	4.7	16	6.3
Turbidity (NTU)	---	640	640	630	620
Spec.cond (US/cm)	---	---	---	---	---
(Milligrams per liter)					
Dissolved					
Calcium	120	120	---	---	120
Magnesium	17.8	17.5	---	---	17.6
Sodium	17.3	---	---	---	17.5
Potassium	279	274	---	---	285
Bicarbonate	29	27	28	27	28
Chloride	78	90	87	83	84
Sulfate	.4	---	---	---	.4
Fluoride	---	452	---	---	416
Diss.solids	320	320	---	---	320
Hardness	90	100	---	---	90
Noncarb.hardness	---	8.1	---	---	9.2
Silica	---	---	---	---	---
Total	---	---	---	---	---
Ammonia	.32	.27	.31	.31	.30
Nitrite	<.01	<.01	<.01	<.01	<.01
Nitrate	.01	---	---	---	.01
Organic.N	.72	---	.68	.79	.60
Total.N	.02	.10	---	---	.02
Ortho.P	---	.02	.03	.03	.02
Total.P	.17	.02	.06	.09	.04
TOC	17	11	---	---	11
COD	85	30	---	---	---
(Micrograms per liter)					
Total Recoverable					
Aluminum	---	---	---	---	---
Boron	100	---	---	---	---
Cadmium	1	---	---	---	---
Chromium	3	---	---	---	---
Cobalt	6	---	---	---	---
Copper	510	---	---	---	---
Iron	2700	---	---	---	---
Lead	3	---	---	---	---
Manganese	20	---	---	---	---
Nickel	2	---	---	---	---
Strontium	1100	---	---	---	---
Zinc	150	---	---	---	---
Phenols	---	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 G-2366 at PINE ISLAND - 1983-1984

Parameter	04-00-83	09-00-83	04-00-84	07-00-84
Temperature (C)	24.5	23.9	23.5	24.0
pH (units)	---	---	7.4	7.1
Alkalinity (as CaCO3)	219	205	200	280
Color (PT-Units)	240	280	---	---
Turbidity (NTU)	15	---	5.8	4.8
Spec. cond (uS/cm)	730	722	740	750
(Milligrams per liter)				
Calcium	130	130	130	120
Magnesium	3.9	3.2	3.3	3.8
Sodium	27.9	23.9	33.9	36.4
Potassium	---	---	---	---
Bicarbonate	268	244	274	261
Chloride	57	49	55	54
Sulfate	110	120	110	110
Fluoride	---	---	---	---
Diss. Solids	594	594	570	576
Hardness	---	---	---	---
Noncarb. hardness	---	---	---	---
Silica	7.7	6.8	8.6	7.1
Total	---	---	---	---
(Micrograms per liter)				
Ammonia	.59	.70	.86	.67
Nitrite	.01	.01	.01	.01
Nitrate	---	---	---	---
Organic N	---	---	---	---
Total N	---	3.1	3.8	1.7
Ortho. P	.06	.05	.07	2.4
Total P	.60	.05	.70	.06
TOC	45	43	31	42
TOD	85	85	41	---
Total Recoverable	---	---	---	---
(Micrograms per liter)				
Aluminum	<10	---	---	---
Boron	250	---	---	---
Cadmium	---	<1	---	---
Chromium	---	---	---	---
Cobalt	---	6	---	---
Copper	3	<10	---	---
Iron	6900	6200	---	---
Lead	12	3	---	---
Manganese	40	30	---	---
Nickel	---	---	---	---
Sironium	820	740	850	930
Zinc	44	10	---	---
Phenols	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 S-2366A at PINE ISLAND - 1983-1984

Parameter	06-00-83	09-00-83	04-00-84	07-00-84
Temperature (C)	24.3	24.6	24.5	25.0
pH (units)	7.7	185	203	206
Alkalinity (as CaCO3)	187	200	400	160
Color (Pt-Co units)	140	23	5.9	10
Turbidity (NTU)	---	680	720	710
Spec.cond (uS/cm)	690			
(Milligrams per liter)				
Dissolved				
Calcium	120	120	120	120
Magnesium	4.6	29.2	31.3	28.6
Sodium	31.8	226.8	248.9	252.0
Potassium	229	55	57	49
Bicarbonate	110	110	110	110
Chloride	548.4	560.5	545.4	510.5
Sulfate	320	320	320	320
Fluoride	137.6	147.4	120.3	110.3
Total				
Ammonia	.59	.53	.52	.49
Nitrite	.01	.01	.01	.01
Nitrate	1.5	3.6	2.4	1.2
Organic-N	2.1	4.1	2.9	1.7
Total-N	.04	.08	.09	.07
Ortho-P	.06	.06	.17	.14
Total-P	39	25	35	33
TOD	80	40		
COD				
(Micrograms per liter)				
Total Recoverable				
Aluminum	250			
Boron	<1			
Cadmium	<1			
Chromium	<10			
Cobalt	2300			
Copper	40			
Iron	760			
Lead	1			
Manganese				
Nickel				
Selenium				
Silver				
Zinc				
Phenols				

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY

G-2366 at WEST ROLLING OAKS - 1983

Parameter	04-00-83	06-00-83	09-00-83
Temperature (C)	27.0	24.6	---
pH (Units)	7.7	7.7	7.5
Alkalinity (as CaCO3)	295	285	296
Color (Pt-Co. Units)	60	40	50
Turbidity (NTU)	---	18	36
Spec. cond (uS/cm)	680	680	662
(Milligrams per liter)			
Dissolved			
Calcium	110	120	120
Magnesium	27.8	26.3	24.4
Sodium	27.9	26.6	24.7
Potassium	360	349	362
Bicarbonate	45	42	---
Chloride	17	24	---
Sulfate	17.4	24	---
Fluoride	453	454	448
Diss. Solids	320	330	340
Hardness	30	20	40
Noncarb. hardness	11	11	12
Silica	---	---	---
Total	---	---	---
(Micrograms per liter)			
Total Recoverable			
Ammonia	.99	.92	---
Nitrite	<.00	.01	---
Nitrate	---	.01	---
Organic.N	---	.77	---
Total.N	---	1.77	---
Ortho.P	.01	.03	---
Total.P	.02	.04	---
TOC	23	24	17
COD	50	55	---
(Micrograms per liter)			
Total Recoverable			
Aluminum	250	80	---
Boron	---	1	---
Cadmium	---	2	---
Chromium	---	3	---
Cobalt	16	<10	---
Copper	3900	3300	---
Iron	12	20	---
Lead	30	20	---
Manganese	---	---	---
Nickel	---	---	---
Strontium	---	---	---
Zinc	70	20	---
Phenols	<1	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 G-2368A at WEST ROLLING OAKS - 1983-1984

Parameter	06-00-83	09-00-83	04-00-84	07-00-84
Temperature (C)	25.9	27.4	24.0	26.0
pH (units)	7.5	7.4	7.3	7.2
Alkalinity (as CaCO3)	362	354	367	353
Color (PT-CO-units)	100	80	70	100
Turbidity (NTU)	715	739	58	7.3
Spec.cond (uS/cm)			760	720
(Milligrams per liter)				
Dissolved				
Calcium	160	160	170	160
Magnesium	5.3	3.7	3.3	6.0
Sodium	4.7	3.5	3.6	3.6
Potassium	417	423	448	431
Bicarbonate	61	66	83	7.4
Sulfate	61	66	83	58
Chloride	476	528	542	494
Fluoride	420	430	450	430
Diss.solids	80	70	80	70
Hardness	5.7	5.8	6.0	6.2
Noncarb.hardness				
Silica				
Total				
Ammonia	.10		.06	.08
Nitrate	1.2		.78	.27
Orthophos.	1.8		1.9	1.4
Total-N	.02		.03	.02
Total-P	43	19	22	26
TOC	70			
COD				
(Micrograms per liter)				
Total Recoverable				
Aluminum	61			
Boron	<1			
Cadmium	10			
Chromium	200			
Cobalt	40			
Copper	1300			
Iron	1800			
Lead				
Manganese				
Nickel				
Strontium				
Zinc				
Phenols				

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
G-2367 at COOPER CITY - 1983-1984

Parameter	04-12-83	06-21-83	09-27-83	04-05-84	07-10-84
Temperature (C)	8.1	7.8	24.0	24.0	24.5
pH (units)	296	271	278	290	288
Alkalinity (as CaCO3)	50	40	70	140	90
Color (Pt-Co units)	18	---	43	140	4.3
Turbidity (NTU)	820	810	810	810	800
Spec.cond (US/cm)					
(Milligrams per liter)					
Dissolved					
Calcium	94	90	95	95	91
Magnesium	12	12	12	12	12
Sodium	73	70	68	67	69
Potassium	1.7	1.4	1.7	1.7	1.9
Bicarbonate	36C	331	340	354	352
Chloride	110	100	100	99	100
Sulfate	4.2	4.2	1.0	<.1	6
Fluoride	.3	.4	.6	.2	4
Diss. Solids	514	498	524	489	482
Hardness	---	260	260	290	280
Noncarb. hardness	---	10	11	12	11
Silica	9.6				
Total	---	---	---	---	---
(Micrograms per liter)					
Total Recoverable					
Ammonia	.68	.64	.63	.64	.60
Nitrate	<.01	<.01	.01	<.01	<.01
Mitrate	---	---	---	---	---
Organic.N	---	---	---	---	---
Total.N	---	1.7	1.7	1.8	1.7
Ortho.P	.02	.02	.11	.02	.03
Total.P	---	---	---	---	---
LOC	---	26	17	23	25
COD	---	65	38	---	---
(Micrograms per liter)					
Total Recoverable					
Aluminum	250	---	---	---	---
Boron	---	130	---	---	---
Cadmium	---	---	---	---	---
Chromium	---	---	---	---	---
Cobalt	---	22	---	---	---
Copper	---	<10	---	---	---
Iron	2000	1600	---	---	---
Lead	---	---	---	---	---
Manganese	20	10	---	---	---
Nickel	---	---	---	---	---
Strontium	---	930	---	---	---
Zinc	30	90	890	1000	1300
Phenols	---	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY

G-2367A at COOPER CITY - 1983-1984

Parameter	10-00-83	04-00-84	07-00-84
Temperature (C)	27.5	23.0	25.0
PH (Units)	7.5	7.7	7.5
Alkalinity (as CaCO3)	275	283	282
Color (Pt-Co units)	60	60	80
Turbidity (NTU)	1.0	800.8	780.8
Spec.cond (US/cm)	730		
(Milligrams per liter)			
Dissolved			
Calcium	92	95	93
Magnesium	11	12	12
Sodium	54	62	62
Potassium	1.9	1.9	2.3
Bicarbonate	336	346	344
Chloride	74	98	92
Sulfate	<.1	.4	.2
Fluoride	.5	.2	.4
Diss.solids	442	485	482
Hardness	280	290	280
Noncarb.hardness	12	12	12
Silica			
Total			
Ammonia	.67	.40	.66
Nitrite	<.01	<.01	<.01
Nitrate	1.9	1.7	1.1
Organic.N	2.6	1.0	1.8
Total.N	.07	.05	.07
Ortho.P	.11	.08	.08
Total.P	23	23	25
TOD	24		
COD			
(Micrograms per liter)			
Total Recoverable			
Aluminum			
Boron			
Cadmium			
Chromium			
Cobalt			
Copper			
Iron			
Lead			
Manganese			
Nickel			
Ironium	950	1100	720
Zinc			
Phenols			

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 G-2369 at CB SMITH PARK - 1983-1984

Parameter	04-00-83	06-00-83	09-00-83	04-00-84	07-00-84
Temperature (C)	24.9	24.2	24.1	24.0	25.0
pH (Units)	7.5	7.9	7.6	7.2	7.5
Alkalinity (as CaCO3)	236	258	282	282	288
Color (PT-CO units)	70	70	120	140	120
Turbidity (NTU)	3.1	--	4.6	5.7	2.6
Spec.cond (US/cm)	650	630	662	660	670
(Milligrams per liter)					
Dissolved					
Calcium	110	120	120	120	120
Magnesium	8.6	8.2	8.3	8.7	9.0
Sodium	15	15	15	15	14
Potassium	.8	.6	.7	.8	.8
Bicarbonate	288	315	344	345	352
Chloride	24	24	21	20	20
Sulfate	44	48	52	65	60
Fluoride	460	44	44	44	44
Total Solids	500	430	458	444	470
Hardness	580	530	530	540	540
Noncarb. hardness	9.2	80	9.4	10	9.4
Silica					
Total					
Ammonia	2.1	2.0	2.0	2.2	2.1
Nitrate	.01	.01	.01	.01	.01
Nitrite	.00	.00	.00	.00	.00
Organic N	1.5	2.0	1.3	1.8	1.4
Total N	3.6	4.0	3.3	4.0	3.5
Total P	.02	.01	.03	.04	.02
Total Ph	.02	.03	.03	.10	.09
TOC	32	33	23	29	34
TOD	260	73	43	--	--
(Micrograms per liter)					
Total Recoverable					
Aluminum	60	720	--	--	--
Boron	--	--	--	--	--
Cadmium	--	--	--	--	--
Chromium	--	--	--	--	--
Cobalt	--	--	--	--	--
Copper	1	<1	--	--	--
Iron	2600	2600	--	--	--
Lead	9	10	--	--	--
Manganese	20	10	--	--	--
Nickel	--	--	--	--	--
Strontium	1000	1000	930	1100	1000
Zinc	40	1080	--	--	--
Phenols	2	--	--	--	--

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY

G-2369A at CB SMITH PARK - 1983-1984

Parameter	04-00-83	06-00-83	09-00-83	04-00-84	07-00-84
Temperature (C)	26.0	25.3	27.3	25.4	27.3
pH (units)	7.9	8.0	7.4	7.7	7.3
Alkalinity (as CaCO ₃)	330	309	276	282	302
Color (Pt-Co units)	70	70	70	100	100
Turbidity (NTU)	5.5	---	2.3	3.0	1.8
Spec. cond (uS/cm)	700	700	598	610	680
(Milligrams per liter)					
Calcium	140	140	120	120	140
Magnesium	11.1	11.0	11.6	12.2	12.6
Sodium	402	378	338	344	393
Potassium	20	22	17	20	23
Bicarbonate	59	59	38	38	51
Chloride	3	3	.4	.2	.3
Sulfate	511	496	426	415	476
Fluoride	380	370	320	330	380
Diss. solids	50	57	50	40	6.0
Hardness	4.9	---	---	---	---
Noncarb. hardness	---	---	---	---	---
Silica	---	---	---	---	---
Total	---	---	---	---	---
(Micrograms per liter)					
Ammonia	.48	.50	.51	.68	.36
Nitrite	.01	.01	.01	.01	.04
Nitrate	.11	.12	.13	.01	.94
Organic N	2.1	1.3	1.3	2.0	1.3
Total N	2.7	1.8	1.8	2.7	2.7
Ortho P	.02	.01	.02	.02	.01
Total P	---	---	---	---	---
TOD	33	26	19	26	32
COD	110	75	40	---	---
(Micrograms per liter)					
Total Recoverable	---	---	---	---	---
Aluminum	130	800	---	---	---
Boron	---	1	---	---	---
Cadmium	---	25	---	---	---
Cromium	---	---	---	---	---
Cobalt	---	---	---	---	---
Copper	4	<10	---	---	---
Iron	470	5	---	---	---
Lead	30	30	---	---	---
Manganese	---	---	---	---	---
Nickel	1200	---	---	---	---
Selenium	60	180	930	1000	1500
Zinc	<1	---	---	---	---
Phenols	---	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 G-2161 at THE DAVIE ROAD EXT. - 1983-1984

Parameter	04-0C-83	06-00-83	09-00-83	04-00-84	07-00-84
Temperature (C)	26.0	25.3	25.3	25.0	26.0
pH (units)	8.1	8.0	7.6	7.4	7.2
Alkalinity (as CaCO3)	250	238	242	255	247
Color (Pt-Co units)	40	40	86	100	100
Turbidity (NTU)	530	690	710	720	750
Spec.cond (uS/cm)					
(Milligrams per liter)					
Dissolved					
Calcium	96	94	98	99	95
Magnesium	8.1	7.9	8.1	8.2	8.4
Sodium	42	45	47	46	42
Potassium	1.5	1.3	1.6	1.7	1.0
Bicarbonate	304	210	289	312	302
Chloride	74	81	83	81	80
Sulfate	9.2	13	9.6	11	11
Fluoride	.2	.4	.5	.2	.2
Diss. solids	442	438	450	435	450
Hardness	270	270	280	280	270
Noncarb. hardness	20	30	40	30	30
Silica	10	11	11	12	11
Total					
Ammonia	.93	.87	.87	.96	.92
Nitrite	<.00	<.01	.01	<.01	<.01
Nitrate	---	.01	---	.01	.01
Organic N	---	.77	---	1.00	.68
Total N	.02	1.77	1.63	2.00	1.68
Ortho-P	.02	.01	.30	.02	.02
Total P	.02	.02	.03	.03	.02
TOC	20	18	13	15	19
COD	120	35	35	---	---
(Micrograms per liter)					
Total Recoverable					
Aluminum	20	610	---	---	---
Boron	---	1	---	---	---
Cadmium	---	25	---	---	---
Chromium	---	5	---	---	---
Cobalt	---	<10	---	---	---
Copper	3	200	---	---	---
Iron	---	---	---	---	---
Lead	4	20	---	---	---
Manganese	10	20	---	---	---
Nickel	---	20	---	---	---
Nitrogen	880	790	810	940	970
Zinc	30	20	---	---	---
Phenols	<1	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BRWARD COUNTY
 G-2161A at THE DAVIE ROAD EXT. - 1983-1984

Parameter	04-00-83	06-00-83	09-00-83	04-00-84	07-00-84
Temperature (C)	27.8	26.8	27.0	27.0	27.0
pH (units)	7.2	7.9	7.6	7.2	6.9
Alkalinity (as CaCO3)	100	95	93	121	86
Color (PT-Units)	20	20	20	30	30
Turbidity (NTU)	1.2	--	1.3	1.3	1.3
Spec.cond (uS/cm)	205	201	185	240	183
Dissolved (Milligrams per liter)					
Calcium	37	38	36	38	33
Magnesium	1.8	1.7	1.7	1.7	1.7
Sodium	2.3	2.4	2.6	2.1	2.0
Potassium	122	116	114	148	106
Bicarbonate	5.0	4.1	3.0	2.5	3.0
Chloride	2.2	1.6	2.3	4.2	1.0
Sulfate	140	133	126	129	114
Fluoride	---	100	109	100	90
Diss. Solids	11	12	13	13	12
Hardness	---	---	---	---	---
Noncarb. hardness	---	---	---	---	---
Silica	---	---	---	---	---
Total	---	---	---	---	---
Ammonia	<.00	.59	.53	<.01	.54
Nitrate	---	<.01	.01	<.01	<.01
Nitrite	---	---	---	---	---
Organic-N	---	1.3	1.3	3.8	1.8
Total-N	---	1.3	1.3	3.8	1.8
Ortho-P	.04	.03	.05	.05	.04
Total-P	.05	.03	.06	.06	.08
TOC	10	6.2	6.7	6.0	11
COD	0	25	23	---	---
Total Recoverable (Micrograms per liter)					
Aluminum	60	---	---	---	---
Boron	---	530	---	---	---
Cadmium	---	24	---	---	---
Chromium	---	---	---	---	---
Cobalt	---	<10	---	---	---
Copper	470	530	---	---	---
Iron	14	---	---	---	---
Lead	10	<10	---	---	---
Manganese	200	---	---	---	---
Nickel	---	---	---	---	---
Strontium	350	160	---	300	350
Zinc	<1	---	---	---	---
Phenols	---	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
G-2160 at PERRY AIRPORT - 1983-1984

Parameter	04-12-83	06-22-83	09-27-83	04-05-84	07-10-84
Temperature (C)	26.4	25.8	25.8	26.0	26.0
pH (units)	7.9	7.9	7.7	7.3	7.3
Alkalinity (as CaCO3)	230	215	220	223	223
Color (PT-CO units)	35	20	50	60	60
Turbidity (NTU)	2.5	---	1.6	2.7	1.2
Spec. cond (US/cm)	465	473	462	473	473
(Milligrams per liter)					
Dissolved					
Calcium	77	79	80	79	79
Magnesium	6.4	6.2	6.3	6.3	6.3
Sodium	16	18.7	17	18.9	18.0
Potassium	28	27	26.8	28	27.5
Bicarbonate	21	1.8	2	2	1
Chloride	1.6	1.3	1.3	1.2	1.2
Sulfate	288	288	290	284	290
Fluoride	220	220	230	230	220
Diss. solids	8	8	6	11	11
Hardness	9.8	10	11	11	10
Noncarb. hardness					
Silica					
Total					
Ammonia	.85	.82	.79	.88	.87
Nitrate	<.01	<.01	<.01	<.01	<.01
Nitrite	.008	.008	.01	.01	.01
Ortho-P	1.22	1.22	1.41	1.2	1.27
Total-N	.02	.02	.02	.02	.02
Total-P	13	13	13	9.5	15
TOC					
COD					
(Micrograms per liter)					
Total Recoverable					
Aluminum	<10	<10	<10	<10	<10
Boron	220	220	220	220	220
Chromium	<1	<1	<1	<1	<1
Cadmium	<1	<1	<1	<1	<1
Cobalt	<10	<10	<10	<10	<10
Copper	99	99	99	99	99
Iron	1500	1500	1500	1500	1500
Lead	1	1	1	1	1
Manganese	10	10	10	10	10
Nickel	750	750	750	750	750
Strontium	640	640	640	640	640
Zinc	<1	<1	<1	<1	<1
Phenols	<1	<1	<1	<1	<1

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 G-2160A at PERRY AIRPORT -- 1983-1984

Parameter	04-12-83	06-22-83	09-27-83	04-05-84	07-10-84
Temperature (C)	27.8	26.9	27.0	27.0	27.0
pH (units)	7.8	7.9	7.8	7.1	7.2
Alkalinity (as CaCO3)	121	113	101	96	114
Color (PT-CO units)	45	40	60	50	50
Turbidity (NTU)	263.8	---	238.2	228	275.2
Specific conduct (US/cm)					
(Milligrams per liter)					
Dissolved					
Calcium	47	50	43	38	50
Magnesium	3.3	3.1	3.8	3.6	3.5
Sodium	3.2	3.3	3.4	3.2	3.5
Potassium	4	3	3	5	5
Bicarbonate	148	139	124	118	139
Chloride	8.0	7.2	5.7	7.2	15
Sulfate	8.4	15	13	8.2	20
Fluoride	0.1	0.2	0.2	0.1	0.1
Dissolved Solids	181	171	154	147	168
Hardness	130	140	120	110	140
Noncarb. hardness	30	30	20	10	30
Silica	9.0	9.0	6.9	9.8	9.2
Total					
Ammonia	36	28	26	52	30
Nitrite	<.00	.01	.01	<.01	<.01
Nitrate	05	15	23	12	15
Organic-N	01	42	50	66	47
Total-N	03	02	03	03	03
Ortho-P	9.3	5.5	17.0	0.5	0.3
Total-P	20	15	10	6.5	9.3
TOC					
COD					
(Micrograms per liter)					
Total Recoverable					
Aluminum	10	---	---	---	---
Boron	---	450	---	---	---
Cadmium	---	---	---	---	---
Chromium	---	26	---	---	---
Cobalt	---	---	---	---	---
Copper	2	620	---	---	---
Iron	570	---	---	---	---
Lead	20	---	---	---	---
Manganese	20	---	---	---	---
Nickel	---	20	---	---	---
Selenium	340	---	---	---	---
Zinc	40	240	---	340	500
Phenols	<1	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
G-2269 at OAK RIDGE - 1983-1984

Parameter	04-11-83	06-23-83	09-27-83	04-05-84	07-10-84
Temperature (C)	26.0	25.7	25.3	25.5	25.5
pH (units)	7.8	8.0	7.6	7.9	7.0
Alkalinity (as CaCO3)	226	211	214	223	219
Color (PT-Co. units)	50	40	60	50	60
Turbidity (NTU)	1.6	---	1.2	1.7	1.4
Spec. Cond (US/cm)	600	582	580	560	580
(Milligrams per liter)					
Dissolved					
Calcium	---	97	97	98	96
Magnesium	---	20.4	23.5	25.5	23.7
Sodium	---	---	2.2	2.3	2.3
Potassium	---	---	---	---	---
Bicarbonate	276	258	---	272	268
Chloride	38	44	41	39	38
Sulfate	---	38	36	36	35
Fluoride	---	---	---	---	---
Diss. Solids	390	340	370	368	354
Hardness	---	250	---	260	290
Noncarb. hardness	---	40	---	40	47
Silica	6.8	6.8	7.3	8.1	7.3
Total	---	---	---	---	---
Ammonia	.78	.75	.73	.77	.71
Nitrite	<.00	<.01	.01	<.01	<.01
Nitrate	---	.01	---	.01	.01
Organic.N	---	.34	---	.83	.39
Total.N	---	1.1	---	1.6	1.1
Ortho.P	.05	.05	.07	.09	.05
Total.P	---	---	---	.07	.06
TOD	16	9.6	33	6.0	15
COD	---	25	---	---	---
(Micrograms per liter)					
Total Recoverable					
Aluminum	<10	---	---	---	---
Boron	---	460	---	---	---
Cadmium	---	1	---	---	---
Chromium	---	24	---	---	---
Cobalt	---	---	---	---	---
Copper	---	<10	---	---	---
Iron	800	1000	---	---	---
Lead	---	---	---	---	---
Manganese	20	10	---	---	---
Nickelium	---	---	---	---	---
Selenium	---	---	---	---	---
Zinc	50	740	730	880	870
Phenols	<1	<10	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY

Parameter	04-00-83	06-00-83	09-00-83	04-00-84	07-00-84
Temperature (C)	25.6	25.1	25.0	25.0	25.9
pH (Units)	7.7	8.0	7.6	7.6	7.3
Alkalinity (as CaCO3)	269	261	257	275	273
Color (Pt-Co Units)	10	5	5	20	20
Turbidity (NTU)	3.5	---	1.8	1.8	1.5
Spec. Cond (US/cm)	650	675	660	670	660
(Milligrams per liter)					
Dissolved					
Calcium	91	93	97	92	94
Magnesium	38.8	38.4	36.5	36.8	36.5
Potassium	31.9	31.7	31.8	31.9	32.0
Sulfate	67	70	65	67	65
Chloride	0.6	0.3	1.0	<.1	<.1
Fluoride	410	402	400	420	370
Hardness	---	---	---	---	---
Noncarb. Hardness	12	6	20	13	12
Silica	---	---	---	---	---
Total	---	---	---	---	---
Ammonia	1.1	1.1	1	1.2	1.1
Nitrite	<.00	<.01	<.01	<.01	<.01
Nitrate	---	---	---	---	---
Organic N	---	---	---	---	---
Total N	---	---	---	---	---
Ortho. P	.01	<.01	1.20	1.70	1.20
Total P	.02	<.01	1.02	1.02	1.01
TOC	6.0	17	10	8.2	12
COD	---	25	23	---	---
(Micrograms per liter)					
Total Recoverable	---	---	---	---	---
Aluminum	10	730	---	---	---
Boron	---	---	---	---	---
Chromium	---	22	---	---	---
Cobalt	---	4	---	---	---
Copper	5	<10	---	---	---
Iron	1800	1500	---	---	---
Lead	10	<10	---	---	---
Manganese	---	---	---	---	---
Nickel	1200	<10	---	---	---
Selenium	---	---	1000	1200	660
Zinc	20	---	---	---	---
Phenols	<1	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 G-2038 at THE HOLLYWOOD CIRCLE - 1984

Parameter	04-05-84	07-10-84
Temperature (C)	26.0	26.0
pH (units)	7.4	7.3
Alkalinity (as CaCO3)	254	259
Color (Pt-Co units)	10	20
Turbidity (NTU)	.8	.3
Spec.cond (US/cm)	550	550
Dissolved		
(Milligrams per liter)		
Calcium	85	88
Magnesium	6.9	7.0
Sodium	24	25
Potassium	1.0	1.0
Bicarbonate	310	316
Chloride	34	37
Sulfate	<.1	.2
Fluoride	.1	.1
Dissolids	262	324
Hardness	240	250
Noncarb.hardness	11	10
Silica		
Total		
Total Recoverable		
(Micrograms per liter)		
Ammonia	.96	.91
Nitrate	<.01	<.01
Nitrite	.01	.01
Organic.N	.74	.29
Total.N	1.7	1.2
Ortho.P	.03	.01
Total.P	.03	.02
TOC	7.0	9.0
COD		
Total Recoverable		
(Micrograms per liter)		
Aluminum		
Boron		
Cadmium		
Chromium		
Cobalt		
Copper		
Iron		
Lead		
Manganese		
Nickel		
Selenium		
Zinc	1000	1400
Phenols		

TABLE 2 --- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 G-2C38A at THE HOLLYWOOD CIRCLE - 1983-1984

Parameter	04-00-83	06-00-83	09-00-83	04-00-84	07-00-84
Temperature (C)	27.5	25.9	---	27.5	27.0
pH (units)	7.7	7.9	7.4	7.4	7.5
Alkalinity (as CaCO3)	233	245	247	259	252
Color (PT-co units)	20	20	30	30	40
Turbidity (NTU)	2.8	---	1.5	4	5
Secchi Cond (US/cm)	600	600	620	600	590
Dissolved (Milligrams per liter)					
Calcium	100	110	110	110	110
Magnesium	13.9	3.9	4.1	4.4	4.5
Sodium	20	21	21	23	22
Potassium	3.4	2.5	1.8	1.6	1.5
Bicarbonate	233	299	247	316	308
Chloride	32	31	33	33	31
Sulfate	36	32	33	27	27
Fluoride	385.2	384.3	382.3	366.1	396.2
Dissolved Solids	270	290	290	290	290
Hardness	50	50	50	50	40
Noncarb. hardness	6.0	5.7	6.7	7.7	6.8
Silica	---	---	---	---	---
Total	---	---	---	---	---
Ammonia	.46	.47	.52	.68	.60
Nitrate	<.01	<.01	<.01	<.01	<.01
Nitrite	.03	.03	.03	.03	.03
Organic-N	.23	.23	.47	.92	.50
Total-N	.69	.70	1.02	1.60	1.10
Total-P	.02	.02	.02	.04	.03
Total-P	.8	.5	.7	.6	.5
TOC	10	30	10	10	11
COD	---	---	---	---	---
Total Recoverable (Micrograms per liter)					
Aluminum	30	---	---	---	---
Boron	---	160	---	---	---
Cadmium	---	27	---	---	---
Chromium	---	---	---	---	---
Cobalt	---	---	---	---	---
Copper	---	410	---	---	---
Iron	590	590	---	---	---
Lead	---	---	---	---	---
Manganese	10	20	---	---	---
Nickel	---	---	---	---	---
Strontium	960	870	870	980	1000
Zinc	260	260	---	---	---
Phenols	<.1	---	---	---	---

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 6-2374 at FLAMINGO ROAD - 1984

Parameter	04-04-84	07-17-84
Temperature (C)	24.0	24.0
pH (units)	7.4	7.3
Alkalinity (as CaCO3)	287	302
Color (PT-co units)	40	60
Turbidity (NTU)	1.9	2.0
Spec.cond (US/cm)	640	660
(Milligrams per liter)		
Dissolved		
Calcium	110	100
Magnesium	9.9	9.8
Sodium	24	23
Potassium	1.0	1.0
Bicarbonate	351	369
Chloride	33	31
Sulfate	28	20
Fluoride	4.4	4.3
Diss.solids	413	404
Hardness	320	290
Noncarb.hardness	50	0
Silica	12	12
Total		
Ammonia	1.3	1.2
Nitrate	<.01	<.01
Nitrite	<.01	.01
Organic-N	1.0	.80
Total-N	2.3	2.0
Ortho-P	.02	.01
Total-P	.12	.02
TOC	17	13
COD		
(Micrograms per liter)		
Total Recoverable		
Aluminum		
Boron		
Cadmium		
Chromium		
Cobalt		
Copper		
Iron		
Lead		
Manganese		
Nickel		
Selenium		
Silver		
Sulfur		
Tin		
Zinc	1300	1300
Phenols		

TABLE 2 -- WATER QUALITY DATA FOR SELECTED WELLS IN BROWARD COUNTY
 G-2374A at FLAMINGO ROAD - 1984

Parameter	04-04-84	07-17-84
Temperature (C)	24.0	24.0
pH (units)	7.4	7.2
Alkalinity (as CaCO3)	239	233
Color (PT-Co units)	80	120
Turbidity (NTU)	2.0	1.0
Spec-cond (US/cm)	530	520
(Milligrams per liter)		
Dissolved		
Calcium	100	96
Magnesium	17.0	9.5
Sodium	11	7.5
Potassium	292.5	285.5
Bicarbonate	19	10
Chloride	41	38
Sulfate	3	.4
Fluoride	378	362
Diss-solids	280	270
Hardness	40	50
Noncarb-hardness	8.1	7.9
Silica		
Total		
(Micrograms per liter)		
Total Recoverable		
Ammonia	.88	.89
Nitrite	<.01	<.01
Nitrate	1.7	1.9
Organic-N	2.6	2.8
Total-N	.02	.01
Ortho-P	.03	.02
Total-P	25	29
TOC		
COD		
Total Recoverable		
(Micrograms per liter)		
Total Recoverable		
Aluminum	---	---
Boron	---	---
Cadmium	---	---
Chromium	---	---
Cobalt	---	---
Copper	---	---
Cyanide	---	---
Lead	---	---
Manganese	---	---
Nickel	---	---
Strontium	970	1000
Zinc	---	---
Phenols	---	---