UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER-QUALITY DATA FOR CANALS IN EASTERN BROWARD COUNTY, FLORIDA 1969 - 1974

OPEN-FILE REPORT FL-75009

Prepared in cooperation with
BROWARD COUNTY ENVIRONMENTAL QUALITY CONTROL BOARD
and
CENTRAL AND SOUTHERN FLORIDA FLOOD CONTROL DISTRICT

Tallahassee, Florida
1975

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INTRODUCTION

Broward County is interlaced with primary and secondary canals originally designed for drainage and protection from flooding, but now used for recreation as well as receptacles for urban wastes. Primary canals have control structures in their lower reaches, near tidewater, to maintain high fresh-water heads in the canals for aquifer recharge and prevention of salt-water encroachment. Secondary canals, on the other hand, are used primarily for water management.

Broward County, on the southeast coast of Florida, contains many rapidly expanding urban areas, most of which are in the eastern part. Because most of the canals in the county are in these urban areas, the canals have become convenient receptacles for storm-water runoff and sewage effluent. The degradation of the water quality in these canals greatly affects their usefulness to the community. Contaminants entering these waters could affect their trophic state and prevent optimal use. Both the Broward County Pollution Control Board and the Central and Southern Florida Flood Control District are concerned about the level of the contaminants in the primary canals of Broward County and the effect of urbanization on the overall water quality. For these reasons they signed a cooperative agreement with the U. S. Geological Survey in 1969 to monitor the quality of water in the primary canals. Broward County, between Palm Beach County on the north and Dade County on the south, is shown in figure 1.

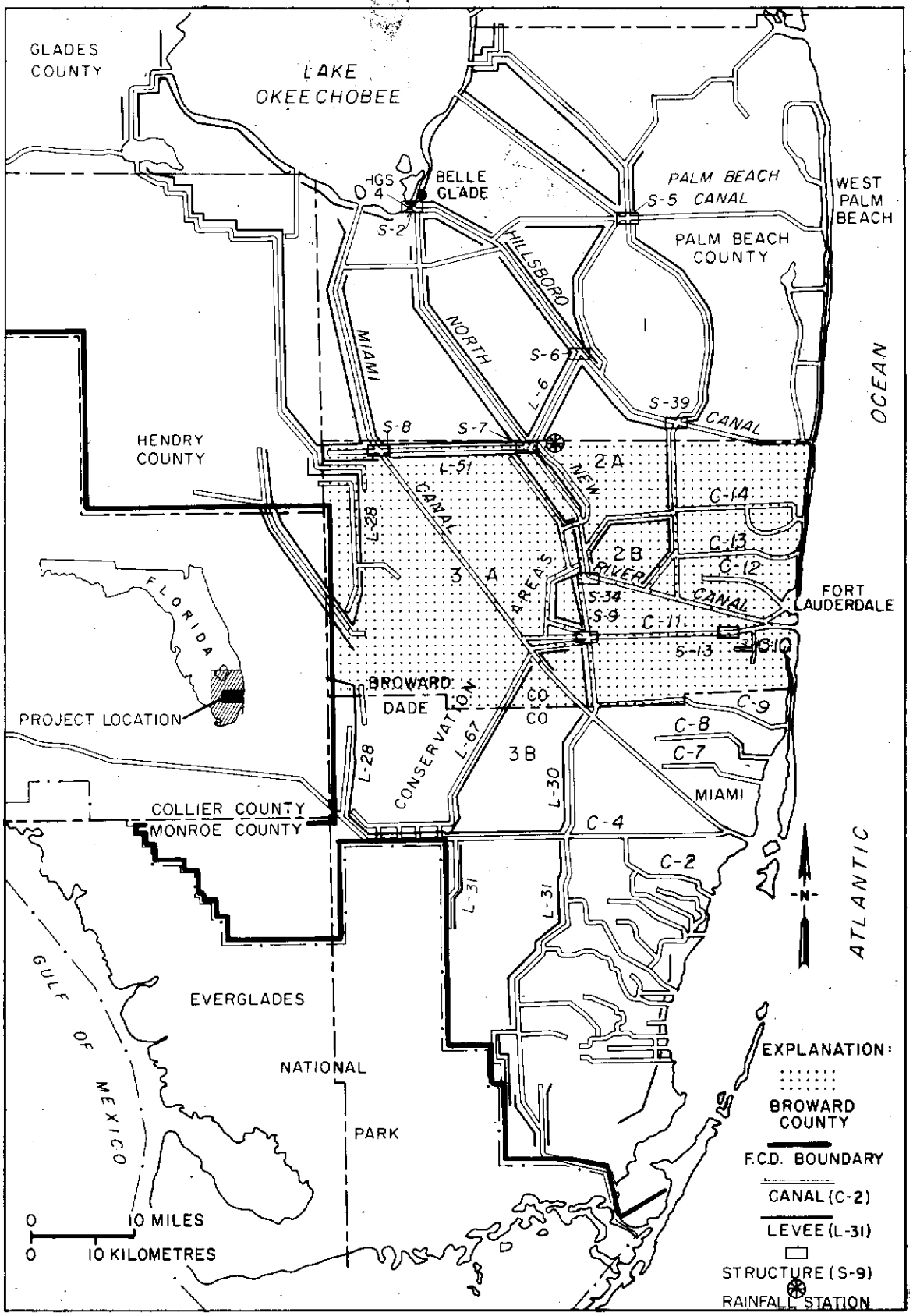

Figure 1.--Location of Broward County.

The purpose of this report is to:

1. Tabulate in a usable form all the basic water-quality data collected from 1969-74 as a part of the canal monitoring program.
2. Make these data available to assist in urban and regional planning of water resources.
3. Provide a supplement to a forthcoming interpretative report on the effect of urbanization on the primary canals in Broward County.

DATA COLLECTION

Surface-water samples were collected in the center of the canals, 1 to 2 ft. (0.3 to 0.6 m) below the surface with a bottle sampler or a Kemmerer water sampler. Bottom sediment samples were collected with an Ekman dredge or a piston corer.

The various chemical analyses were performed at the U. S. Geological Survey laboratories in Ocala, Florida; Atlanta, Georgia; and Washington, D. C. Analyses of specific conductance, dissolved oxygen, pH, and alkalinity were performed in the field.

WATER-QUALITY DATA

The Broward County water-quality-monitoring network includes 27 stations located along 8 primary canals (table 1, fig. 2). The stations include discharge points from the water conservation areas, areas draining agricultural land, urban and residential drainage, and estuarine waters.

The analytical data in the tables that follow are presented by major canal system and are listed in sequence from north to south and by stations along each canal system from west (upstream) to east (downstream). The data are arranged by parameters that are generally related to each other. Estuarine stations are noted by an asterisk (*).

Table 1.--Surface-water sampling stations, identification numbers, and date record began.

Station Number	Station Name	Lat-Long or Downstream Order Number	Beginning of Record
✓1	Hillsboro Canal above lock	02281500	2-69
✓4	Cypress Creek Canal above below S-38	02281700	3-69
✓5	Cypress Creek Canal at State Rd 7	26°13' 49" 80°12' 17"	2-69
✓7	Pompano Canal at Pompano Beach	02282000	2-69
✓10	Cypress Creek Canal above S-37A	02282100	2-69
✓11	Middle River Canal above S-36	02282700	2-69
✓14	Plantation Canal at Plantation	26°08' 07" 80°14' 02"	2-69
✓15	Plantation Canal above S-33	02283200	2-69
✓16	North Fork New River at N. W. 6th St. Bridge	26°07' 43" 80°10' 31"	2-69
✓16E	North Fork New River at Broward Blvd. Bridge	26°07' 17" 80°09' 47"	8-73
✓17	New River at Ft. Lauderdale	26°07' 02" 80°08' 58"	2-69
✓20	North New River Canal below S-34	02284700	3-69
✓21	North New River Canal above lock	02285000	2-69
✓22	North New River Canal at U. S. 441	26°05' 14" 80°11' 08"	2-69
✓23	South New River Canal above S-13	02286100	2-69

Table 1. (Continued)--Surface-water sampling stations, identification numbers, and date record began.

Station Number	Station Name	Lat-Long or Downstream Order Number	Beginning of Record
24	Dania cut-off Canal at Dania	26°03' 33" 80°08' 43"	2-69
30	Prospect Feeder Canal at Oakland Park	26°10' 34" 80°~~10' 36"~~ 02281415	2-70
34	Hillsboro Canal at U. S. 441	26°19' 38" 80°12' 49"	9-70
35	Hillsboro Canal below S-39	02281300	9-70
36	Middle River Canal at Lauderhill	26°10' 30" 80°13' 14"	9-70
37	Middle River Canal at C-42	26°09' 19" 80°17' 23"	9-70
38	North New River Canal at C-42	02284800	9-70
39	South New River Canal at S-9	02285400	2-70
40	South New River Canal above S-13A	02285900	4-70
41	Hollywood Canal at Dania	02286150	9-70
42	Davie Road Canal at Pembroke Pines	26°00' 31" 80°14' 53"	9-70
43	Snake Creek Canal at N. W. 67th Avenue	02286200	9-70

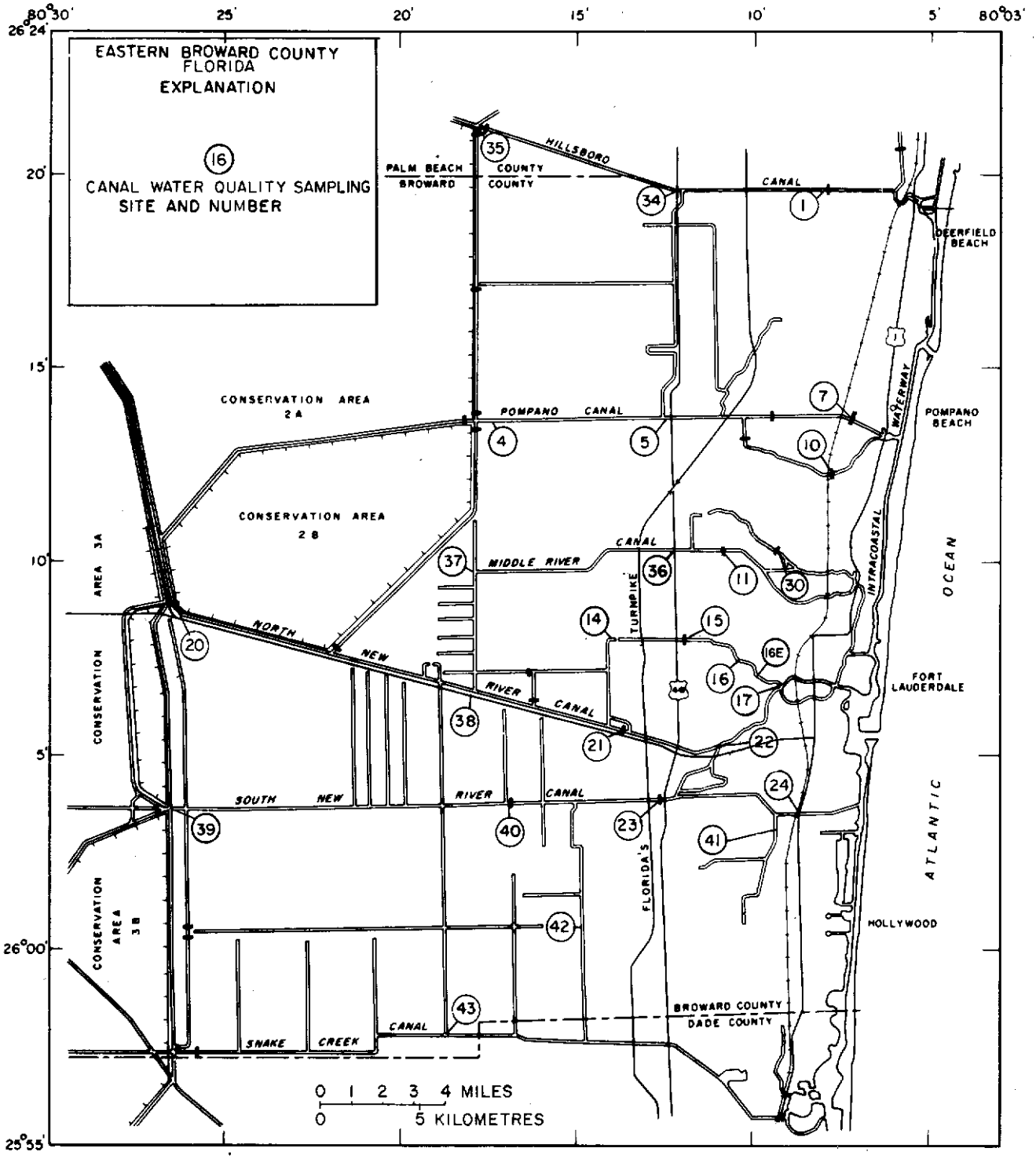

Figure 2.--Broward County showing location of surface-water sampling stations.

TABLE 2. --Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
Hillsboro Canal	35	9-29-70	77	37	140	6.8	2.6	190	98	1.0	---	---	330		848	740	350	77	25	
		1-13-71	72	23	110	5.6	2.0	160	39	.8	0.3	0.3	300		654	630	280	28	17	
		4-14-71	57	19	60	4.0	1.5	94	54	.6	---	---	200		430	397	220	53	7.2	
		7-15-71	95	16	100	3.4	.47	160	31	.6	---	---	320		632	576	300	38	9.8	
		9-22-71	90	13	100	3.8	1.9	160	27	.5	---	---	340		596	573	280	5	11	
		12-14-71	86	22	150	5.3	2.2	230	36	---	---	---	340		752	715	310	29	16	
		4- 7-72	79	15	94	6.9	1.7	150	29	.8	---	---	290		591	531	260	20	11	
		5- 9-72	84	10	75	4.5	1.4	120	33	.6	---	---	260		527	460	250	42	6.7	
		9-25-72	90	16	100	5.6	2.9	160	24	1.0	---	---	320		693	570	310	46	15	
		1-19-73	86	14	100	3.9	1.0	150	17	.7	---	---	320		618	540	270	11	11	
		3-29-73	57	19	110	4.6	2.0	170	30	.7	---	---	240		562	520	220	20	7.5	
		6-29-73	90	14	100	4.4	1.7	170	22	.8	---	---	300		626	560	280	32	12	
		4-25-74	45	20	100	5.2	1.3	140	28	.7	---	---	210		535	453	200	26	9.8	

TABLE 2.--Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
Hillsboro Canal	34	9-30-70	110	9.4	70	4.2	1.7	110	27	0.6	---	---	340		557	511	310	31	11	
		1-13-71	82	22	110	5.6	2.0	160	43	.8	0.4	0.1	320		661	600	300	29	16	
		4-14-71	74	18	70	4.0	1.7	110	47	.6	---	---	260		480	456	260	49	5.8	
		7-15-71	100	12	79	3.7	1.7	130	34	.5	---	---	320		578	530	300	39	10	
		10- 8-71	99	13	88	4.8	.84	140	33	.5	---	---	330		---	555	300	30	12	
		12-14-71	90	15	110	5.1	2.0	150	36	.7	---	---	340		638	593	290	7	14	
		4- 7-72	83	12	84	5.9	1.5	130	38	.7	---	---	280		563	505	260	27	8.5	
		9-25-72	89	9.5	66	6.2	1.5	100	26	1.0	---	---	300		515	460	260	18	11	
		1-19-73	96	12	87	4.5	1.0	130	27	.6	---	---	320		578	520	290	25	9.6	
		3-29-73	82	10	60	4.7	1.1	88	37	.5	---	---	250		452	410	250	42	4.4	
		6-29-73	100	11	76	5.8	1.6	140	37	.7	---	---	300		574	530	300	51	11	
		4-18-74	62	18	97	5.3	1.4	150	32	.7	---	---	250		559	502	230	24	11	

TABLE 2. --Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
Hillsboro Canal	1	2-24-69	88	10	68	4.6	---	110	26	0.5	---	---	280		497	454	260	31	7.8	
		6-17-69	93	7.6	50	4.8	1.3	81	24	.5	---	---	280		452	407	260	40	9.3	
		2-13-70	94	8.4	54	3.9	1.5	87	26	.5	2.7	0.0	290		483	425	270	37	8.5	
		9-29-70	100	9.4	63	4.6	1.6	98	29	.6	---	---	310		518	473	290	33	11	
		1-13-71	78	8.4	52	3.6	1.0	76	28	.5	.5	.1	250		412	380	230	27	8.4	
		4-14-71	85	8.4	39	2.7	1.1	62	24	.3	---	---	260		392	356	250	34	7.1	
		7-15-71	98	10	65	4.8	1.4	100	38	.4	---	---	280		534	476	290	41	9.0	
		9-22-71	100	8.2	49	3.9	1.3	84	32	.4	---	---	300		454	438	280	36	8.6	
		12-14-71	94	11	59	4.4	1.7	92	39	.6	---	---	300		466	458	280	39	10	
		4- 7-72	79	10	62	7.4	1.2	100	38	.6	---	---	250		488	426	240	37	6.8	
		9-25-72	94	8.4	71	5.5	1.6	92	30	.6	---	---	300		495	460	270	22	9.8	
		1-19-73	89	6.2	39	3.5	1.3	48	30	.4	---	---	270		415	360	250	25	6.4	
		3-29-73	88	11	68	5.0	1.4	96	40	.5	---	---	262		476	440	270	55	4.7	
		7- 5-73	98	8.7	64	5.1	1.2	87	35	.6	---	---	280		520	450	280	50	9.0	
		4-18-74	90	9.0	54	3.9	1.3	77	33	.4	---	---	290		456	417	260	27	6.1	

TABLE 2. --Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
Pompano Canal	4	3- 3-69	38	9.2	46	1.9	---	70	56	0.4	---	---	160		294	251	130	7	2.8	
		6-19-69	33	11	50	2.2	0.9	75	36	.4	---	---	110		315	277	130	35	12	
		2-16-70	71	22	92	4.2	1.6	140	34	.6	2.7	.02	300		618	523	270	27	11	
		9-29-70	60	16	73	3.2	1.3	99	21	.6	---	---	230		460	409	220	14	13	
		1-13-71	58	23	90	5.2	1.7	130	30	.8	.2	.3	270		543	480	240	20	10	
		4-17-71	46	17	47	3.2	1.1	72	51	.4	---	---	160		364	318	190	54	2.4	
		3-28-73	79	17	80	3.4	1.6	110	11	.6	---	---	310		517	470	270	14	10	
		7- 5-73	98	8.7	64	5.1	1.2	87	35	.6	---	---	280		400	350	270	55	9.0	
		4-18-74	55	22	79	6.2	1.5	120	62	.7	---	---	220		---	---	---	--	4.8	

TABLE 2.--Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
Pompano Canal	5	2-28-69	81	6.6	39	1.7	----	60	17	0.4	---	---	250		378	338	230	25	5.8	
		6-18-69	53	9.5	44	2.2	0.88	66	18	.4	---	---	190		342	297	170	18	10	
		2-18-70	100	6.6	43	2.4	1.4	66	28	.4	2.4	.02	310		467	409	280	26	5.7	
		9-30-70	88	6.2	38	2.4	1.2	58	26	.4	---	---	260		400	360	250	29	7.5	
		1-13-71	82	11	64	4.2	1.3	90	30	.6	0.1	0.1	270		472	430	250	28	5.7	
		4-14-71	70	20	80	4.0	1.6	120	38	.6	---	---	280		500	480	260	31	3.8	
		7-19-71	93	5.8	40	2.6	1.3	64	39	.4	---	---	260		417	381	260	44	4.7	
		10- 8-71	96	7.4	50	3.6	1.2	82	34	.3	---	---	290		462	416	270	37	---	
		12-14-71	98	6.8	45	4.8	1.3	70	40	.7	---	---	280		492	417	270	50	7.6	
		4- 6-72	89	5.5	33	3.4	.96	51	39	.4	---	---	260		390	355	250	36	5.0	
		6-13-72	--	---	--	---	----	--	--	----	---	---	280		---	---	---	--	6.0	
		9-26-72	97	6.1	47	3.9	1.5	70	30	.5	---	---	300		444	410	270	26	7.9	
		1-19-73	94	6.5	55	3.8	1.2	88	33	.5	---	---	280		488	430	260	28	7.0	
		3-28-73	90	9.4	76	4.3	1.3	110	30	.5	---	---	260		505	460	260	49	6.2	
		6-28-73	92	6.0	44	3.6	1.2	72	36	.5	---	---	250		438	380	260	57	6.0	
		4-18-74	62	30	170	12	1.4	130	59	.7	---	---	220		557	569	270	90	5.6	

TABLE 2. --Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)	Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)
														Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate	
Pompano Canal	7	2-28-69	92	2.2	22	1.2	---	40	15	0.5	---	---	260	328	305	240	29	6.1
		6-18-69	100	3.7	25	1.8	---	41	22	.3	---	---	280	370	343	270	33	7.9
		2-18-70	86	2.1	15	1.2	.57	24	16	.3	1.6	.02	250	302	273	220	21	5.9
		7-15-71	72	4.6	30	1.8	1.3	48	25	.3	---	---	210	413	375	250	38	3.0
		9-22-71	89	5.2	33	2.7	.90	51	28	.3	---	---	270	386	354	240	20	7.8
		12-14-71	84	3.4	23	1.7	.60	34	20	.4	---	---	250	312	295	220	21	4.8
		4- 6-72	74	2.4	16	1.6	.53	25	18	.6	---	---	220	279	---	200	15	4.7
		9-25-72	81	2.7	19	2.7	.92	32	21	.3	---	---	230	300	280	210	24	6.1
		1-19-73	85	3.2	23	2.6	.60	38	20	.3	---	---	250	335	300	230	23	3.7
		3-28-73	74	4.6	34	2.7	.50	51	22	.3	---	---	220	320	300	200	23	1.8
		7- 5-73	86	4.8	35	3.9	.80	45	32	.4	---	---	250	491	330	230	30	6.0
		4-18-74	70	2.6	20	2.1	.56	27	15	.2	---	---	220	263	252	190	2	4.0

TABLE 2. --Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
Pompano Canal	10	2-24-69	95	6.6	44	3.6	---	70	27	0.4	---	---	280		429	395	260	32	5.2	
		6-17-69	100	4.6	80	2.0	1.2	47	26	.4	---	---	300		397	372	280	34	7.9	
		2-10-70	100	6.3	42	3.1	1.3	67	30	.4	2.7	0.0	300		470	404	280	30	4.4	
		9-30-70	78	8.4	47	3.1	1.2	69	26	.5	---	---	250		406	363	230	29	8.0	
		1-14-71	76	13	64	4.0	1.4	92	32	.5	.0	.0	270		457	420	240	25	3.5	
		4- 8-71	86	16	71	4.6	1.5	110	35	.6	---	---	300		482	474	280	38	3.4	
		7-15-71	88	6.4	41	3.2	1.2	64	39	.5	---	---	230		413	375	250	38	4.8	
		10- 8-71	96	6.9	44	3.6	1.1	70	39	.4	---	---	250		460	396	270	45	6.4	
		12-14-71	100	6.0	40	3.5	1.2	64	39	.5	---	---	290		440	403	280	40	5.6	
		4- 6-72	87	6.0	35	4.6	.98	52	41	.4	---	---	250		393	358	240	40	5.6	
		9-25-72	89	5.4	38	3.6	1.3	56	31	--	---	---	270		365	360	240	26	6.8	
		1-19-73	96	6.2	47	3.4	1.2	76	35	.5	---	---	280		455	410	270	40	4.9	
		3-28-73	90	7.2	56	3.5	1.1	84	32	--	---	---	270		443	410	260	40	3.2	
		7- 5-73	90	5.6	40	2.3	1.0	65	36	.5	---	---	250		424	370	250	42	5.0	
		4-18-74	60	18	110	7.1	1.3	160	23	.7	---	---	280		610	520	230	--	4.2	

TABLE 2. --Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
Middle River Canal	37	9-30-70	100	3.9	26	1.1	1.0	44	14	0.5	---	---	310		397	355	270	20	8.4	
		2-14-71	78	7.6	48	1.6	.88	68	13	.7	0.0	0.0	260		376	340	230	14	6.6	
		4- 9-71	51	17	51	3.4	1.2	76	47	.5	---	---	190		384	344	200	45	4.6	
		7-14-71	87	8.7	43	1.4	1.1	72	13	.4	---	---	290		383	377	250	19	7.0	
		10- 8-71	87	7.4	44	1.8	.96	66	18	.2	---	---	280		420	365	250	16	6.1	
		1- 6-71	86	8.0	48	1.8	1.1	68	16	.4	---	---	300		446	432	250	7	7.6	
		4- 5-72	92	2.3	11	1.0	.92	17	41	.4	---	---	240		334	290	240	40	4.8	
		9-26-72	77	5.9	40	2.1	1.2	56	11	.5	---	---	260		366	330	220	2	6.6	
		1-19-73	88	6.8	42	1.8	1.0	64	15	.3	---	---	290		412	370	250	10	5.8	
		3-23-73	80	19	84	3.3	1.4	120	12	.7	---	---	310		521	490	280	24	11	
		6-29-73	69	11	48	4.0	1.2	74	50	.5	---	---	210		409	370	220	50	10	
		4-18-74	70	24	82	6.0	1.5	120	61	.7	---	---	220		536	482	280	92	5.7	

TABLE 2.--Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
Middle River Canal	36	9-30-70	106	3.7	25	2.1	0.12	41	26	0.5	---	---	310		394	367	280	27	8.3	
		1-14-71	90	5.2	36	1.4	.96	48	15	.4	0.3	0.1	280		375	340	250	18	6.4	
		4-15-71	82	11	42	22	1.2	70	34	.4	---	---	280		418	406	250	20	5.6	
		7-14-71	86	6.8	34	1.2	1.1	53	25	.4	---	---	260		368	346	240	28	6.4	
		10- 8-71	100	4.0	24	1.1	1.0	36	31	.3	---	---	300		---	352	270	21	6.2	
		12-14-71	100	4.8	30	1.5	1.1	46	28	.5	---	---	300		376	366	270	28	6.3	
		4- 5-72	86	2.9	19	1.5	.81	30	30	.4	---	---	250		329	301	230	21	5.5	
		6-19-72	---	---	--	---	----	--	--	--	---	---	---		---	---	---	--	5.4	
		9-26-72	87	3.8	25	1.7	1.2	36	26	.4	---	---	260		352	310	230	21	4.8	
		1-19-73	84	5.6	36	1.8	1.0	66	21	.3	---	---	270		437	350	230	12	4.9	
		3-23-73	80	13	59	2.6	1.2	90	20	.5	---	---	260		454	400	250	37	6.9	
		6-29-73	68	9.4	39	2.8	1.0	56	32	.4	---	---	210		380	310	210	41	5.0	
		4-18-74	62	19	77	5.2	1.5	110	55	.6	---	---	230		530	449	230	44	4.5	

TABLE 2.--Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)	Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)
														Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate	
Middle River Canal	11	2-25-69	110	3.4	28	2.1	---	45	26	0.3	---	---	300	414	378	280	39	4.4
		6-18-69	100	2.7	18	1.8	1.0	30	21	.3	2.1	0.0	290	368	332	270	36	7.4
		2-13-70	100	2.6	16	1.3	.96	28	16	.3	---	---	280	433	316	260	30	7.8
		1-14-71	92	4.4	38	3.4	.94	58	25	.4	.0	.0	240	407	370	250	50	6.6
		10- 8-71	75	3.6	25	2.1	.96	39	33	.3	---	---	260	---	334	250	40	5.7
		12-14-71	92	3.4	26	2.6	1.0	40	38	.5	---	---	240	342	338	240	44	4.5
		4- 6-72	80	2.8	20	2.3	.84	33	33	.4	---	---	220	331	291	210	28	4.5
		9-25-72	89	2.7	25	3.1	1.1	38	35	.3	---	---	240	365	320	230	34	4.6
		1-19-73	82	4.8	36	3.2	.80	58	34	.4	---	---	230	393	350	220	29	5.8
		3-23-73	76	9.2	50	3.2	1.0	78	25	.5	---	---	240	373	370	230	37	5.8
		6-28-73	68	9.1	40	4.4	1.0	64	37	.5	---	---	180	378	320	210	60	7.0
		7- 6-73	76	6.7	34	3.2	1.0	54	32	.5	---	---	220	358	330	220	37	7.0
		4-18-74	69	16	94	6.1	1.3	130	48	.7	---	---	250	581	496	240	33	6.5

TABLE 2. --Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
Middle River Canal	30	1-14-71	41	3.1	15	2.1	0.34	40	29	0.3	.00	.00	78		218	180	120	52	6.8	
		4-14-71	37	3.4	16	1.5	.34	39	26	.3	---	---	70		174	167	110	49	9.7	
		7-15-71	44	3.6	16	1.6	.44	44	22	.2	---	---	100		231	182	---	--	4.8	
		12-15-71	53	4.3	27	2.8	.56	54	27	.4	---	---	130		290	243	150	42	6.6	
		9-25-72	42	3.0	14	3.0	.90	22	17	.3	---	---	120		180	170	120	17	2.8	
		1-19-73	55	3.5	15	2.4	.50	33	24	.2	---	---	140		233	200	150	40	2.5	
		3-28-73	35	2.6	11	1.7	.30	24	17	.2	---	---	89		158	140	98	25	3.5	
		7- 6-73	37	1.9	6.8	0.5	.30	17	12	.2	---	---	94		154	120	100	23	3.0	
		4-18-74	42	3.7	20	1.9	.29	47	25	.3	---	---	70		239	186	230	120	1.1	

TABLE 2.--Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
Plantation Canal	14	2-28-69	79	6.2	44	2.6	0.83	61	19	0.4	---	---	230		404	337	180	39	6.8	
		6-17-69	60	2.7	45	6.7	.51	59	46	1.7	---	---	120		408	323	160	59	13	
		2-17-70	82	3.5	43	6.6	.68	54	34	1.3	2.3	0.0	250		439	384	220	18	10	
		9-30-70	64	4.4	44	6.4	.64	61	38	1.1	---	---	130		404	319	180	73	11	
		1-13-71	60	4.2	64	9.6	.64	78	51	2.2	---	---	160		411	400	170	33	13	
		4-15-71	49	4.0	67	9.6	.50	96	56	1.8	---	---	180		430	418	140	0	12	
		10-12-71	65	2.9	46	7.2	.48	62	43	.3	---	---	220		432	347	180	0	11	
		1- 7-72	72	2.8	36	4.6	.64	52	32	.4	---	---	150		---	303	190	66	10	
		4- 5-72	83	3.6	37	4.6	.79	53	32	.5	---	---	270		386	354	220	1	6.0	
		9-28-72	64	4.0	46	6.2	.86	60	38	.3	---	---	170		393	310	180	38	9.6	
		1- 6-73	72	3.6	40	4.6	.70	54	38	.4	---	---	220		386	330	190	6	9.9	
		3-23-73	67	3.6	50	5.8	1.8	82	26	.4	---	---	210		358	360	180	11	11	
		6-28-73	76	3.2	30	3.9	.70	37	24	.3	---	---	220		362	300	200	22	9.0	
		4-18-74	87	7.5	75	13	.86	95	28	.4	---	---	330		517	479	250	0	11	

TABLE 2. --Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
Plantation Canal	15	2-28-69	81	7.0	39	2.1	0.74	63	12	0.4	---	---	240		380	336	230	33	5.5	
		6-17-69	82	3.7	23	2.2	.61	32	18	.3	---	---	240		340	293	220	24	8.7	
		2-17-70	69	4.0	30	3.4	.61	40	22	.4	1.7	.02	210		345	284	190	18	7.8	
		10-29-70	64	2.5	28	4.0	.56	41	22	.3	---	---	170		343	265	170	34	8.6	
		4-15-71	44	7.6	73	8.8	.50	100	46	.7	---	---	190		416	401	140	0	12	
		7- 1-71	50	4.0	59	7.7	.36	89	38	1.3	---	---	130		459	349	140	39	9.8	
		9- 9-71	58	2.5	30	4.0	.06	42	20	.2	---	---	160		286	254	160	21	6.2	
		1- 7-72	54	3.0	51	7.8	.40	80	35	1.2	---	---	200		---	367	150	0	11	
		4- 5-72	70	2.6	26	3.2	.59	44	21	.3	---	---	200		305	286	190	24	9.0	
		5- 9-72	71	2.9	27	2.6	.61	44	23	.5	---	---	210		320	280	190	15	7.0	
		9-28-72	74	4.2	29	3.0	.90	44	18	.4	---	---	200		338	290	200	23	7.2	
		1- 6-73	76	4.6	34	3.2	.70	54	24	.4	---	---	240		349	320	210	14	6.5	
		3-23-73	40	3.2	48	6.5	.30	72	23	.4	---	---	76		334	250	52	0	15	
		6-28-73	58	2.0	25	2.8	.44	41	18	.4	---	---	170		244	240	150	8	8.0	
		9-24-73	74	4.2	29	3.0	.86	44	18	.4	---	---	220		338	300	200	24	8.0	
		4-18-74	62	6.3	83	8.9	.63	100	46	.6	---	---	240		494	446	180	0	18	

TABLE 2.--Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
Plantation Canal	16	2-27-69	83	6.0	37	2.2	---	57	12	0.4	---	---	240		372	328	230	31	6.2	
		6-16-69	88	3.2	20	2.3	.56	28	26	.3	---	---	250		330	302	230	29	9.2	
		2-17-70	78	3.6	27	3.3	.61	37	21	.3	2.0	0.0	220		347	295	210	31	8.2	
		9-30-70	60	3.2	28	3.6	.53	39	18	.3	---	---	150		291	243	160	41	7.4	
		1-13-71	140	170	1,500	57	2.2	2,600	400	1.0	---	---	230		---	5,000	1,100	860	2.9	
		4-18-71	170	300	2,800	100	2.4	4,800	660	1.6	---	---	200		---	8930	1,700	1,500	2.7	
		7-15-71	100	50	460	18	1.2	790	120	.4	---	---	260		---	1,690	1,500	1,300	9.5	
		10-12-71	90	34	270	13	.82	510	86	.4	---	---	240		---	1,120	370	170	9.2	
		1- 7-72	90	4.8	33	3.4	.76	54	24	.4	---	---	260		396	350	240	33	8.4	
		4- 5-72	72	2.6	24	3.1	.57	40	21	.5	---	---	210		303	290	190	18	9.0	
		9-28-72	80	4.0	26	3.5	.80	38	20	.3	---	---	220		342	300	220	36	7.6	
		1- 6-73	76	5.4	42	3.6	.40	72	28	.3	---	---	210		391	350	210	36	6.6	
		3-23-73	110	120	1,200	38	.50	1,800	280	.8	---	---	230		---	3700	770	580	5.4	
		6-28-73	62	2.5	23	2.6	.40	29	18	.3	---	---	180		281	230	170	26	7.0	
		4-18-74	140	140	1,200	68	1.4	2,100	320	1.2	---	---	270		4,320	4,100	930	710	3.6	
Plantation Canal	16E	4-18-74	190	110	3,500	150	0.25	5,500	870	1.5	---	---	240		11,400	10,400	930	730	6.2	

TABLE 2. --Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
Plantation Canal	17	2-27-69	140	250	2,000	78	----	3,600	480	0.7	---	---	259		---	6,720	1,400	1,200	6.4	
		6-16-69	81	10	53	2.4	0.74	84	14	.4	---	---	268		445	386	240	25	8.5	
		2-17-70	84	36	260	11	.97	450	64	.4	3.8	0.2	256		---	1,050	360	150	8.1	
		7-15-71	220	230	4,500	160	3.6	7,700	1,000	.6	---	---	222		---	13,900	---	---	4.3	
		9-29-71	150	240	2,100	76	3.6	3,600	47	.4	---	---	252		---	6,770	1,400	1,200	6.1	
		1- 7-72	120	160	1,500	58	1.8	2,600	38	.6	---	---	264		---	4,960	960	740	6.6	
		4- 4-72	90	61	480	19	.11	830	121	.5	---	---	247		---	1,800	480	270	5.8	
		9-28-72	130	180	1,600	80	2.2	2,800	370	.5	---	---	258		---	5,300	1,100	860	6.6	
		1- 6-73	210	420	3,400	120	1.5	6,000	800	1.1	---	---	236		---	11,100	2,200	2,000	5.0	
		3-23-73	380	900	5,000	250	6.8	9,500	1,300	.9	---	---	212		---	17,400	4,700	4,500	3.9	
		6-28-73	290	11	1,100	40	2.3	2,000	270	.7	---	---	250		---	3,800	770	560	7.0	
		4-18-74	440	950	8,000	350	4.5	15,000	2,000	1.2	---	---	188		---	26,800	5,000	4,900	1.9	

TABLE 2.--Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
North New River Canal	20	3- 3-69	79	20	70	3.0	---	100	0.0	0.5	---	---	340		517	461	280	0	15	
		6-18-69	83	20	76	2.5	1.4	120	.8	.5	---	---	330		538	483	290	19	14	
		2-16-70	75	19	61	2.7	1.3	86	.0	.5	2.7	0.0	330		500	426	270	0	16	
		9-29-70	81	22	79	2.6	1.5	120	.8	.6	---	---	360		558	498	290	0	15	
		1-14-71	84	20	78	2.8	1.5	110	.8	.6	---	---	340		541	490	290	12	16	
		4- 4-71	55	17	46	3.2	1.2	74	46	.4	---	---	200		380	347	210	47	8.0	
		7-13-71	80	20	66	2.1	1.3	100	1.2	.4	---	---	350		438	455	280	0	12	
		10- 8-71	91	17	66	2.3	1.2	100	6	.3	---	---	370		538	464	300	0	14	
		12-15-71	96	22	84	2.6	.17	120	12	.5	---	---	370		550	546	330	14	16	
		4- 4-72	80	22	62	2.5	1.4	100	80	.5	---	---	360		522	459	290	0	14	
		9-26-72	73	19	75	2.6	1.4	110	1.6	.5	---	---	330		500	460	260	0	12	
		1-16-73	80	19	76	2.6	1.2	110	1.2	.5	---	---	360		540	480	280	0	13	
		3-21-73	84	23	80	2.6	1.6	120	1.6	.6	---	---	350		535	500	310	21	14	
		6-20-73	84	28	84	5.0	2.1	170	54	.9	---	---	330		607	600	330	61	13	
		4-18-74	75	24	81	5.9	1.7	130	58	.7	---	---	250		582	508	290	81	7.2	

TABLE 2. --Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
North New River Canal	38	9-30-70	72	8.2	48	1.4	0.83	72	1.4	0.4	---	---	260		373	343	210	0	7.4	
		1-13-71	78	12	62	1.6	1.1	90	.8	.4	---	---	290		440	400	250	6	9.6	
		4-15-71	61	16	54	2.6	1.2	80	39	.4	---	---	220		400	369	220	38	7.2	
		7-13-71	88	8.9	44	1.3	1.1	66	13	.4	---	---	290		408	376	260	18	7.6	
		10- 8-71	83	9.3	44	1.8	.94	70	11	.3	---	---	280		406	356	250	20	7.6	
		1- 6-72	76	10	50	2.2	.96	76	.8	.4	---	---	290		370	365	230	0	8.0	
		4- 4-72	78	9.8	40	1.7	.87	76	2.4	.5	---	---	290		411	362	240	0	7.9	
		9-26-72	75	9.1	45	1.8	1.0	66	1.6	.4	---	---	280		372	350	230	0	7.9	
		1-16-73	80	9.4	44	1.5	.80	74	1.6	.4	---	---	290		395	360	240	2	7.3	
		3-21-73	88	14	58	1.6	1.0	86	1.6	.4	---	---	290		452	380	280	42	9.4	
		6-29-73	84	14	58	2.3	1.1	82	16	.5	---	---	300		476	410	270	27	9.0	
		4-18-74	64	20	73	4.9	1.4	120	50	.6	---	---	220		505	448	240	63	5.6	

TABLE 2. --Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
North New River Canal	21	2-27-69	74	9.8	51	1.4	---	80	0.0	0.3	---	---	270		398	355	220	7	7.2	
		6-16-69	77	8.9	44	1.8	0.82	66	8.0	.4	0.1	---	270		394	347	230	10	8.1	
		2-17-70	72	9.0	41	1.3	.81	66	.0	.4	2.1	0.0	260		370	326	220	6	8.4	
		9-29-70	68	8.8	49	1.6	.96	72	.0	.3	---	---	260		402	335	210	0	8.0	
		1-13-71	77	12	62	1.8	1.0	88	.8	.5	---	---	280		428	390	240	10	8.0	
		4- 9-71	56	17	54	3.3	1.2	82	50	.5	---	---	200		380	366	210	49	4.5	
		7-13-71	86	8.5	41	1.3	1.1	66	14	.4	---	---	290		412	367	250	17	6.4	
		10-12-71	77	8.5	43	1.9	.84	68	14	.3	---	---	260		390	342	230	14	7.6	
		12-15-71	78	9.6	50	1.5	.96	78	1.6	.5	---	---	280		396	368	240	6	7.8	
		4- 4-72	76	9.6	40	2.0	.89	71	7.2	.4	---	---	280		412	352	230	4	7.1	
		9-27-72	72	9.0	46	1.6	.94	66	1.6	.4	---	---	270		400	340	220	0	7.4	
		1-16-73	93	7.5	35	1.6	.80	60	14	1.1	---	---	300		410	370	260	16	6.4	
		3-21-73	82	14	56	1.4	1.1	88	1.6	.6	---	---	300		432	400	260	14	7.4	
		6-20-73	68	18	72	3.0	1.4	110	29	.6	---	---	260		467	440	250	33	7.0	
		4-18-74	63	20	75	4.8	1.5	110	50	.6		---	240		519	447	240	46	5.4	

TABLE 2. --Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
North New River Canal	22	2-27-69	83	11	52	2.0	---	82	5.6	0.3	---	---	290		427	387	250	16	7.9	
		6-16-69	83	8.2	45	1.6	.92	72	3.6	.4	---	---	270		393	355	240	24	7.9	
		2-17-70	75	8.2	39	1.4	.81	61	1.6	.4	2.1	.00	260		376	324	220	9	7.8	
		9-29-70	73	9.2	51	1.7	.83	77	2.4	.4	---	---	260		392	351	220	10	7.7	
		1-31-71	160	240	2,100	87	2.8	3,800	540	.7	---	---	270		---	7,100	1,400	1,200	4.6	
		4-15-71	180	350	3,100	110	2.8	5,200	720	.7	---	---	220		---	9,770	1,900	1,700	1.1	
		7-13-71	110	72	540	20	1.3	990	140	.4	---	---	280		---	2,020	570	350	6.9	
		9-28-71	86	26	190	7.7	1.1	35	56	.3	---	---	280		---	544	320	97	7.2	
		12-15-71	110	130	920	38	6.9	1,700	230	.3	---	---	270		---	3,270	810	590	7.0	
		4- 4-72	83	28	210	8.3	.91	370	51	.4	---	---	270		1,000	888	320	110	6.2	
		9-28-72	88	25	200	10	1.4	300	42	.3	---	---	270		---	680	320	100	7.6	
		1-18-73	140	220	1,900	62	2.5	3,300	480	.5	---	---	270		---	6,200	1,300	1,000	5.6	
		3-22-73	290	570	3,200	6.2	5.0	5,500	810	.7	---	---	240		---	10,500	3,100	2,900	3.2	
		7- 6-73	84	24	170	6.7	.9	260	39	.4	---	---	280		---	-----	----	---	8.0	
		4-18-74	200	53	2,500	100	2.5	4,100	580	.8	---	---	260		---	7,670	720	510	5.6	

TABLE 2. --Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
South New River Canal	39	2-29-70	80	14	58	1.9	1.1	85	1.2	0.5	---	---	320		---	413	260	0	14	
		1-14-71	84	14	58	1.8	1.1	82	.8	.5	0.1	0.0	340		448	419	270	0	11	
		4- 9-71	74	15	54	2.1	1.2	80	.0	.4	---	---	310		410	391	250	0	10	
		7-13-71	86	14	52	1.3	1.0	80	6.4	.4	---	---	320		444	409	270	11	9.6	
		9-21-71	89	11	43	1.5	.88	68	7.7	.4	---	---	310		418	385	270	14	9.7	
		1- 6-72	84	12	48	1.5	1.1	70	.4	.5	---	---	320		390	387	260	0	9.0	
		4- 4-72	80	12	47	1.7	.82	69	7.6	.4	---	---	300		412	377	250	1	8.9	
		9-27-72	77	13	56	1.8	1.1	82	1.6	.5	---	---	310		421	390	250	0	9.4	
		1-16-73	83	13	58	1.8	1.0	84	.8	.4	---	---	330		458	410	260	0	9.9	
		3-20-73	96	15	58	1.4	1.1	84	1.6	.4	---	---	350		469	440	300	15	10	
		6-20-73	88	12	52	1.8	1.0	80	12	.5	---	---	300		434	400	270	24	9.0	
		4-18-74	92	16	71	2.7	1.1	100	4.3	.4	---	---	320		508	471	300	31	13	

TABLE 2. --Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
South New River Canal	40	9-29-70	92	8.0	27	1.2	.88	40	13	0.5	---	---	300		---	343	260	15	9.7	
		1-14-71	92	13	54	1.6	1.1	78	.8	.5	.0	.0	340		441	420	280	6	9.5	
		4- 7-71	77	14	57	2.6	1.1	86	0.0	.4	---	---	320		448	402	250	0	8.0	
		7-13-71	86	12	46	1.8	.92	72	6.4	.4	---	---	310		390	387	270	13	9.2	
		9-21-71	81	7.5	31	1.6	.74	52	1.2	.3	---	---	280		358	321	230	6	7.5	
		1- 6-72	78	12	43	1.7	.94	66	1.6	.4	---	---	300		380	356	250	3	5.3	
		9-26-72	85	8.7	37	2.1	1.0	56	14	.5	---	---	290		410	370	250	13	7.9	
		1-16-73	88	10	47	1.2	1.0	68	.8	.4	---	---	320		427	380	260	0	7.0	
		3-20-73	96	8.4	37	.9	.9	58	1.6	.5	---	---	300		395	360	270	21	7.4	
		6-19-73	76	14	60	1.7	1.1	84	.8	.5	---	---	300		406	390	250	6	9.0	
		4-18-74	90	16	69	2.5	1.1	100	8.4	.6	---	---	230		514	462	290	20	11	

TABLE 2. --Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
South New River Canal	23	2-25-69	90	12	51	1.4	----	78	0.0	0.4	---	---	330		455	403	270	7	8.8	
		6-16-69	88	7.4	24	2.5	0.70	38	18	.4	---	---	270		372	323	250	27	8.7	
		2-12-70	86	12	42	1.5	.89	70	.0	.4	2.4	0.0	310		431	375	260	13	8.9	
		9-29-70	95	8.6	29	1.6	.92	47	13	.4	---	---	330		404	367	270	7	9.9	
		1- 4-71	94	8.2	38	1.8	.88	55	8.0	.4	---	---	300		417	370	270	18	8.0	
		4- 7-71	82	11	43	2.0	.96	68	15	.4	---	---	280		396	367	250	17	3.4	
		7-12-71	89	7.6	33	1.6	.77	56	13	.4	---	---	280		412	348	250	27	8.4	
		9-21-71	90	6.6	29	1.8	.73	50	15	.3	---	---	280		408	341	250	23	8.6	
		1- 6-72	92	6.6	26	1.6	.84	44	14	.5	---	---	290		384	339	260	18	8.3	
		4- 3-72	83	6.0	24	2.6	.61	40	20	.4	---	---	240		365	307	230	32	7.2	
		9-28-72	85	8.2	30	2.2	.88	48	15	.4	---	---	280		408	335	240	10	7.9	
		1-16-73	94	10	26	1.6	.90	46	20	.4	---	---	290		410	350	280	40	6.7	
		3-21-73	96	7.1	26	1.4	.90	42	14	.5	---	---	300		386	340	270	24	7.5	
		6-19-73	84	7.2	39	2.8	.72	52	16	.5	---	---	260		362	340	240	30	8.0	
		4-18-74	90	9.3	44	2.4	.75	71	13	.4	---	---	300		455	388	260	15	7.4	

TABLE 2. --Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
~~South New River Canal~~	41	9-30-70	180	210	3,200	120	---	5,600	3,200	.6	---	---	230		---	10,200	1,300	1,100	4.6	
		1-14-71	340	500	7,600	300	7.8	14,000	7,600	1.4	---	---	200		---	25,000	2,900	2,800	1.6	
		4-15-71	340	980	8,000	330	5.3	14,000	8,000	1.2	---	---	190		---	25,900	4,900	4,700	.5	
		7-13-71	220	450	3,000	110	3.0	5,800	3,000	.6	---	---	250		---	10,600	2,400	2,200	3.4	
		9-22-71	160	260	2,300	86	2.8	4,200	2,300	.4	---	---	260		---	7,720	1,500	1,300	5.0	
		1- 6-72	230	550	4,200	180	4.5	7,000	4,200	.9	---	---	240		---	13,400	2,800	2,600	2.0	
		4- 3-72	140	180	1,500	53	1.8	2,600	1,500	.5	---	---	300		---	4,900	1,100	850	6.0	
		7-27-72	200	300	2,500	110	4.2	4,400	2,500	.6	---	---	250		---	8,200	1,700	1,500	5.2	
		1-18-73	260	660	6,400	220	5.5	10,000	6,400	.9	---	---	230		---	19,100	3,400	3,200	3.1	
		3-22-73	500	900	7,800	270	7.5	14,000	7,800	1.2	---	---	200		---	25,300	5,000	4,800	1.6	
		6-20-73	190	350	3,100	110	3.0	6,300	3,100	.7	---	---	220		---	10,900	1,900	1,700	3.0	
		4-18-74	400	1,200	8,700	440	4.2	16,000	8,700	.1	---	---	200		25,700	28,800	5,900	5,800	.6	

TABLE 2. --Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
~~South~~ New River Canal	24	2-25-69	270	710	6,000	200	4.0	11,000	1,400	0.9	---	---	220		---	19,400	3,600	3,400	4.4	
		6-16-69	150	260	2,200	86	---	3,700	520	.6	---	---	260		---	7,040	1,400	1,200	7.2	
		2-13-70	160	240	1,800	75	2.0	3,400	470	.5	1.6	0.0	270		---	6,270	1,400	1,100	6.2	
		7-13-71	300	650	4,700	180	4.0	9,200	1,300	.8	---	---	220		---	16,400	3,400	3,300	1.9	
		9-22-71	180	320	2,700	100	2.9	4,800	680	.5	---	---	250		---	8,910	180	160	4.8	
		1- 6-72	250	640	5,300	210	5.0	9,600	1,300	1.0	---	---	230		---	3,780	3,300	3,100	3.0	
		4- 3-72	200	480	4,100	140	3.1	7,200	920	.7	---	---	220		---	13,200	2,500	2,300	6.0	
		9-27-72	250	350	3,100	130	4.5	5,200	770	.7	---	---	250		---	15,000	2,100	1,900	5.1	
		1-18-73	340	940	8,900	330	7.2	15,000	2,000	1.1	---	---	190		---	27,200	4,700	4,500	2.1	
		3-22-73	550	1,100	9,000	300	12	17,000	2,200	1.3	---	---	180		---	29,900	5,900	5,700	1.0	
		6-19-73	320	900	8,200	280	6.5	14,000	1,900	1.3	---	---	180		---	25,800	4,500	4,300	1.0	
		4-18-74	440	950	10,000	400	4.4	18,000	2,600	1.4	---	---	180		34,000	32,500	5,000	4,900	0.6	

TABLE 2.--Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
Davie Road Canal	42	9-30-70	100	7.4	15	1.2	.83	37	19	.6	---	---	300		428	343	290	38	8.9	
		1-14-71	110	7.2	16	1.2	.88	26	18	.5	---	---	320		423	350	310	40	9.2	
		4- 7-71	100	6.8	15	1.1	.82	24	18	.3	---	---	310		392	330	280	19	8.7	
		7- 1-71	40	4.9	44	4.5	.51	95	18	.7	---	---	76		428	316	170	59	13	
		1- 5-72	70	5.8	27	3.4	.68	42	26	.5	---	---	190		300	289	200	42	10	
		4- 4-72	61	5.9	27	4.6	.64	49	20	.6	---	---	200		312	280	180	15	6.9	
		9-27-72	55	5.4	46	7.2	.60	70	36	.7	---	---	140		320	290	160	46	5.1	
		1-16-73	71	6.3	28	3.1	.90	48	28	.5	---	---	200		349	300	200	34	6.3	
		3-22-73	80	11	49	1.2	.90	62	28	.5	---	---	270		383	370	250	27	5.9	
		6-20-73	48	5.2	45	6.8	.48	88	33	.8	---	---	79		323	290	140	75	12	
		4-18-74	68	16.0	58	3.4	1.1	90	41	.5	---	---	250		461	407	240	30	5.1	

TABLE 2. --Concentrations of major inorganic ions, hardness, and dissolved solids in surface water.

(milligrams per litre)

CANAL	Station Number	Date of Collection	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Strontium (Sr)	Chloride (Cl)	Sulfate (SO_4)	Fluoride (F)	Bromide (Br)	Iodide (I)	Bicarbonate (HCO_3)		Dissolved Solids		Hardness ($CaCO_3$)		Silica (SiO_2)	
															Residue at 180°C	Calculated	Calcium, Magnesium	Non-carbonate		
Snake Creek Canal	43	9-30-70	80	9.2	28	0.9	0.55	48	13	0.4	---	---	290		---	330	240	1	6.9	
		1-14-71	82	10	48	1.2	.90	68	1.6	.5	---	---	300		397	370	250	4	7.8	
		4- 7-71	79	11	48	1.4	.88	76	.0	.4	---	---	290		388	368	240	5	7.4	
		7-20-71	82	11	44	1.2	.79	70	5.2	.4	---	---	290		394	366	250	11	7.6	
		1- 6-72	80	9.2	37	1.0	.86	56	11	.4	---	---	280		364	341	240	8	7.0	
		4- 4-72	85	9.1	35	1.0	.77	53	13	.4	---	---	300		390	350	240	0	7.2	
		9-27-72	78	9.9	43	1.2	.96	62	5.6	.5	---	---	280		386	350	240	6	7.0	
		1-16-73	86	9.1	35	.9	1.0	52	12	.4	---	---	290		385	350	250	14	6.7	
		3-20-73	87	12	43	1.0	.90	64	26	.3	---	---	300		392	390	270	27	7.4	
		6-19-73	84	10	44	1.3	.96	64	6.4	.5	---	---	280		394	360	250	19	8.0	
		4-18-74	60	7.0	62	4.0	1.1	96	42	.6	---	---	240		501	431	180	0	5.9	

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color 2/ (PCS)	Turbidity 3/ (JTU)	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
Hillsboro Canal	35	9-29-70	1502	1,260	32.0	0.8	0.9	160	7	8.0	270	0.15	0.02	0.10	1.8	2.1	0.07	0.02	–	–	–
		1-13-71	1140	1,030	23.0	6.3	.8	120	3	7.9	250	.28	.01	.00	.89	1.2	.00	.02	–	–	–
		4-14-71	–	680	22.5	–	4.0	50	15	7.8	170	.43	.03	.20	1.2	1.9	.01	.03	–	–	–
		7-15-71	1400	1,100	–	7.9	1.7	80	10	7.3	270	.05	.01	.00	1.6	1.7	.01	.02	26	58	84
		9-22-71	1430	980	28.0	2.2	2.3	70	10	8.2	280	.30	.02	.00	1.6	1.9	.02	.03	24	66	90
		12-14-71	1300	1,200	25.0	6.4	2.8	100	15	7.9	280	.68	.02	.00	3.2	3.9	.03	.04	34	69	100
		4- 7-72	1535	990	24.5	4.7	3.1	100	1	7.5	240	.27	.07	.20	1.9	2.4	.46	.49	25	62	87
		5- 9-72	–	840	26.0	–	.9	80	2	7.6	210	.07	.02	.00	.76	.85	.13	.18	–	–	–
		6-13-72	1400	860	25.5	7.6	1.7	90	2	7.7	–	.31	.02	.20	1.9	2.4	.10	.13	–	–	–
		9-25-72	1330	1,050	27.0	2.3	1.8	100	1	7.8	270	.49	.01	.00	2.3	2.8	.01	.02	11	70	81
		1-19-73	1410	1,050	18.0	7.0	3.2	100	2	8.0	260	.35	.02	.10	1.9	2.4	.01	.02	34	50	84
		3-29-73	1355	940	23.0	3.2	1.6	80	6	7.8	200	.21	.01	.00	1.6	1.8	.01	.02	31	44	75
		6-29-73	1420	1,010	28.0	1.9	2.3	110	3	7.7	250	.39	.01	.00	1.3	1.7	.02	.03	8	62	70
		8-28-73	–	790	27.0	–	3.3	100	10	7.3	–	.24	.02	.00	9.6	9.9	.10	.10	14	60	74
		9-24-73	1335	820	26.2	0.4	2.3	120	9	7.1	260	.30	.03	.00	2.4	2.7	.03	.06	12	65	77
		1-18-74	1330	700	22.5	1.3	2.1	–	5	7.3	–	.28	.06	.30	1.2	1.8	.19	.24	31	53	84
		4-18-74	1300	750	25.0	6.7	1.9	90	7	8.4	–	.03	.00	.01	1.8	1.8	.01	.01	36	42	78
		7-23-74	1240	890	28.5	1.0	2.5	–	7	8.1	–	.60	.01	4.1	1.6	6.3	.01	.06	20	77	97
		10-23-74	1250	–	23.0	1.6	1.8	–	7	7.2	–	.40	.02	.02	1.5	1.9	.05	.06	34	62	96

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
Hillsboro Canal	34	9-30-70	1445	870	27.0	1.1	0.5	70	10	8.0	280	0.57	0.03	0.10	0.51	1.2	0.12	0.12	–	–	–
		1-13-71	1200	1,040	22.0	2.6	0.6	100	3	7.9	260	.20	.02	.10	.81	1.1	.02	.03	–	–	–
		4-14-71	–	790	23.0	–	2.3	50	9	7.7	210	.36	.02	.20	1.2	1.8	.01	.03	23	52	75
		7-15-71	1350	950	30.0	6.2	1.3	80	15	7.2	260	.17	.02	.10	2.2	2.5	.08	.10	28	56	84
		10- 8-71	1420	980	28.5	1.5	1.1	100	15	6.7	270	.51	.02	.00	1.9	2.4	.06	.07	22	64	86
		12-14-71	1250	1,050	23.5	4.0	1.8	120	10	8.2	280	.38	.03	.20	3.5	4.1	.08	.09	67	69	140
		4- 7-72	1525	910	25.0	4.0	1.3	100	3	7.4	230	.40	.11	.60	1.4	2.5	.26	.29	23	60	83
		6-13-72	1350	800	26.0	1.8	1.7	100	2	7.6	–	.35	.04	.10	2.4	2.9	.15	.19	–	–	–
		9-25-72	1320	840	25.0	1.5	0.8	100	2	7.7	240	.15	.01	.00	1.8	2.0	.08	.10	15	59	76
		1-19-73	1400	1,000	17.0	4.1	1.3	100	50	8.1	270	.16	.02	.20	1.6	2.0	.02	.04	35	49	84
		3-29-73	1330	740	22.5	6.1	1.8	60	20	7.6	210	.17	.01	.20	1.7	2.1	.05	.07	23	51	74
		6-29-73	1410	910	27.0	0.9	1.1	120	10	7.5	250	.24	.02	.00	1.4	1.7	.08	.10	29	64	93
		8-28-73	–	720	26.0	–	2.6	100	7	7.4	–	.30	.02	.00	1.6	1.9	.42	.44	12	61	73
		9-24-73	1315	740	25.5	0.4	2.0	120	4	7.1	–	.30	.03	.00	1.5	1.8	.42	.42	18	63	81
		1-18-74	1330	540	22.0	1.7	3.4	–	10	7.3	–	.35	.09	.60	1.6	2.6	.56	.65	24	45	69
		4-18-74	1250	790	26.0	5.3	–	80	3	8.0	210	.03	.01	.08	2.4	2.5	.01	.03	28	57	85
		7-23-74	1215	510	29.0	2.0	1.8	–	5	7.7	270	.21	.02	.03	1.6	1.9	.06	.09	20	40	60
		10-23-74	1310	–	23.0	2.0	1.5	–	5	7.7	–	.31	.01	.03	1.3	1.6	.12	.14	23	61	84

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
Hillsboro Canal	1	2-24-69	-	820	21.0	-	2.0	70	-	7.2	230	-	0.02	0.34	-	-	-	0.09	-	-	-
		6-17-69	-	730	-	-	.8	90	15	7.6	230	0.18	.01	.00	-	-	-	.19	-	-	-
		2-13-70	-	760	20.0	-	-	50	60	7.7	240	.14	.46	.02	.85	1.5	0.09	.09	-	-	-
		9-29-70	1104	820	27.0	2.1	.2	70	20	7.9	260	.40	.04	.18	.54	1.2	.12	.12	-	-	-
		1-13-71	1600	670	22.0	8.2	.8	70	5	7.8	200	.06	.01	.04	.93	1.0	.02	.04	-	-	-
		4-14-71	-	620	24.0	-	2.1	50	10	7.8	210	.34	.00	.00	.50	0.84	.00	.02	16	63	79
		7-15-71	1430	830	30.0	13.2	1.2	70	-	8.4	250	.09	.02	.27	1.0	1.4	.11	.12	27	53	80
		9-22-71	1455	760	29.0	2.9	1.3	100	10	6.9	250	.26	.03	.11	1.2	1.6	.14	.15	34	52	86
		12-14-71	1320	840	24.0	6.1	2.0	70	15	8.3	290	.38	.02	.09	.78	1.3	.10	.10	26	64	90
		4- 7-72	1510	780	24.0	6.3	1.9	80	6	7.2	200	.28	.11	.90	1.2	2.5	.37	.39	24	48	72
		6-13-72	1420	750	26.0	1.8	1.2	90	4	7.7	-	.28	.02	.12	2.3	2.7	.12	.16	-	-	-
		9-25-72	1345	800	26.0	3.2	1.1	70	4	7.8	250	.18	.02	.02	1.6	1.8	.10	.11	2	64	66
		1-19-73	1428	680	23.0	6.3	1.6	50	-	8.0	230	.04	.01	.10	.87	1.0	.04	.05	30	37	67
		3-29-73	1410	790	23.0	7.5	2.0	60	7	7.9	220	.30	.20	.01	1.1	1.6	.04	.04	31	49	80
		7- 5-73	1440	810	28.0	2.3	.8	100	2	7.8	230	.12	.04	.10	1.3	1.5	.11	.14	13	58	71
		8-28-73	-	690	27.0	-	2.7	100	3	7.5	240	.26	.02	.00	1.4	1.7	.31	.43	10	60	70
		9-24-73	1420	660	28.0	1.7	1.6	100	6	7.2	220	.31	.03	.00	1.4	1.7	.44	.49	13	54	67
		1-18-74	1420	500	23.0	3.5	2.3	-	15	7.3	-	.24	.06	.40	1.3	2.0	.34	.42	22	45	67
		4-18-74	1320	690	26.5	7.6	2.9	50	7	8.1	240	.02	.00	.00	1.3	1.3	.01	.04	16	60	76
		7-23-74	1330	730	29.0	2.5	.4	-	4	7.6	240	.13	.02	.04	-	-	.07	.09	21	65	86
		10-23-74	1333	-	23.0	2.9	1.3	-	7	7.5	-	.21	.02	.08	.92	1.2	.19	.22	20	57	77

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

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(milligrams per litre)

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												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
Pompano Canal	4	3- 3-69	-	480	19.0	-	1.0	80	-	7.7	130	0.10	0.00	0.00	1.4	1.5	-	0.13	-	-	-
		6-19-69	-	510	28.0	-	-	65	20	6.9	94	.05	.00	.00	1.1	1.2	-	.03	-	-	-
		2-16-70	-	970	23.0	-	-	70	35	7.9	240	.15	.03	.00	1.3	1.5	.02	.02	-	-	-
		9-29-70	1410	730	34.0	6.6	.8	100	5	8.4	200	.28	.01	.00	.73	1.0	.01	.02	-	-	-
		1-13-71	1415	850	21.0	5.9	.2	80	1	8.0	220	.08	.01	.00	.51	.60	.00	.02	-	-	-
		4-17-71	-	570	22.0	-	1.6	30	10	7.8	130	.43	.00	.00	.78	1.2	.01	.03	18	30	48
		3-28-73	1310	850	23.0	12.0	2.7	70	15	7.6	260	.54	.02	.10	1.9	2.6	.02	.02	31	59	90
		7- 5-73	1350	610	28.0	7.8	1.3	100	2	7.4	230	.07	.00	.00	.99	1.1	.11	.14	13	58	71
		8-28-73	-	710	28.0	-	1.8	50	15	7.9	-	.10	.02	.00	1.3	1.4	.01	.02	6	60	66
		9-24-73	1245	750	29.5	6.1	1.8	70	10	7.8	270	.20	.02	.00	1.2	1.4	.01	.05	13	64	77
		1-18-74	1310	740	24.5	6.7	1.9	-	10	7.5	-	.19	.02	.10	.97	1.3	.02	.06	24	66	90
		4-18-74	1230	760	25.0	7.7	1.8	40	8	8.2	180	.05	.01	.18	1.4	1.6	.00	.01	27	43	70
		7-23-74	1130	760	30.5	7.5	2.5	-	5	7.9	220	.01	.01	.00	1.3	1.3	.02	.06	14	56	70
		10-23-74	1215	-	24.0	7.9	2.0	-	10	7.8	-	.11	.02	.16	1.0	1.3	.02	.04	18	55	73

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
Pompano Canal	5	2-28-69	-	650	19.0	-	3.0	45	-	7.8	210	0.31	0.01	0.10	0.86	1.3	-	0.30	-	-	-
		6-18-69	-	540	28.0	-	1.2	60	25	7.7	150	.12	.00	.00	.88	1.0	-	.13	-	-	-
		2-18-70	-	740	20.0	-	-	50	50	7.8	260	.26	.02	.30	.93	1.5	0.14	.15	-	-	-
		9-30-70	1354	630	29.0	2.8	.7	50	8	8.0	220	.16	.02	.10	.49	.77	.19	.19	-	-	-
		1-13-71	1345	750	23.0	9.7	.7	60	9	7.8	220	.12	.12	.70	.78	1.7	.98	1.1	-	-	-
		4-14-71	-	840	23.5	-	1.4	50	8	7.9	230	.27	.00	.00	1.5	1.8	.01	.03	29	53	82
		7-19-71	1325	680	-	9.2	1.3	50	9	7.3	210	.01	.00	.00	1.1	1.1	.46	.46	19	46	65
		10- 8-71	1200	760	29.0	5.6	1.7	45	25	6.7	240	.44	-	-	1.7	2.1	-	-	16	55	71
		12-14-71	1155	760	25.0	6.4	2.6	50	25	8.4	230	.07	.05	.20	1.6	1.9	.81	.81	14	55	69
		4- 6-72	1130	630	25.0	4.6	3.4	50	30	7.5	210	.11	.03	.40	1.1	1.6	.12	.14	13	50	63
		6-13-72	1320	610	26.0	11.0	1.2	90	10	7.7	-	.21	.02	.10	.93	1.3	.09	.13	-	-	-
		9-26-72	1755	740	28.0	7.2	1.2	50	6	7.9	240	.63	.04	.10	2.5	3.3	.36	.36	11	51	62
		1-19-73	1322	810	22.0	8.1	7.8	45	10	8.1	230	1.4	.15	.40	1.2	3.2	.40	.45	24	45	69
		3-28-73	1250	840	24.0	7.3	7.5	60	10	7.5	220	1.2	.14	.70	1.7	3.7	.38	.46	24	51	75
		6-29-73	1330	690	30.5	9.6	5.6	40	15	7.7	200	.36	.09	.30	1.7	2.4	.42	.45	24	41	65
		8-28-73	-	750	28.0	-	3.0	50	15	7.5	230	.42	.02	.00	1.4	1.8	.18	.20	6	58	64
		9-24-73	1215	720	29.0	6.2	2.3	60	7	7.5	250	.16	.01	.00	1.3	1.5	.08	.14	10	63	73
		1-18-74	1245	610	24.0	5.3	2.8	-	10	7.4	-	.81	.07	.40	1.1	2.4	.46	.56	22	55	77
		4-18-74	1155	820	25.0	8.0	6.3	40	7	8.2	180	.11	.02	.18	2.0	2.3	.06	.11	27	48	75
		7-23-74	1040	-	29.2	4.5	2.1	-	15	-	-	.39	.07	.52	1.5	2.5	.45	.55	11	51	62
		10-23-74	1127	-	24.0	7.5	1.5	-	7	8.5	-	.06	.02	.19	.97	1.2	.12	.15	-	-	-

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color 2/ (PCS)	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
Pompano Canal	7	2-28-69	-	580	20.0	-	2.0	40	-	7.3	210	-	0.00	0.00	-	-	-	0.07	-	-	-
		6-18-69	-	580	27.0	-	.8	50	30	7.4	230	0.08	.01	.00	0.72	0.80	-	.09	-	-	-
		2-18-70	-	490	-	-	-	35	30	7.6	200	.08	.00	.00	.63	.71	0.04	.04	-	-	-
		7-15-71	1500	520	30.0	6.0	1.4	30	-	8.1	180	.03	.01	.40	.85	.93	.03	.03	15	39	54
		9-22-71	1555	610	28.5	5.2	-	45	10	6.7	230	.07	.02	.10	1.1	1.3	.14	.14	19	47	66
		12-14-71	1345	530	24.0	7.5	-	40	8	8.3	200	.02	.01	.20	.39	.44	.04	.05	10	50	60
		4- 6-72	1445	450	25.0	9.9	2.4	30	3	7.1	200	.06	.00	.00	.54	.60	.40	.40	7	42	49
		6-13-72	1450	480	26.0	8.1	1.2	50	4	7.7	-	.14	.01	.00	.80	.95	.20	.20	-	-	-
		9-25-72	1405	500	27.0	4.7	.0	40	5	7.8	190	.05	.01	.00	1.4	1.5	.08	.08	11	51	62
		1-19-73	1500	550	22.0	6.7	2.1	40	3	6.2	200	.01	.00	.00	2.2	2.2	.02	.04	22	35	57
		3-28-73	1430	540	24.0	9.8	2.5	40	7	7.7	180	.04	.01	.00	1.2	1.3	.02	.02	19	38	57
		7- 5-73	1500	610	29.0	6.3	2.7	50	3	7.2	200	.12	.01	.00	.84	.97	.14	.17	22	54	66
		8-28-73	-	630	28.0	-	2.6	50	6	7.6	230	.11	.03	.10	.87	1.1	.15	.15	8	54	62
		9-24-73	1455	530	29.0	3.9	2.8	60	10	7.4	200	.27	.05	.30	1.7	2.3	.16	.24	11	50	61
		1-18-74	1445	450	24.0	2.3	1.5	-	30	7.3	-	.19	.03	.10	.87	1.2	.10	.26	15	54	69
		4-18-74	1340	400	26.0	6.6	2.9	20	9	8.3	180	.02	.00	.03	.75	.80	.01	.04	10	36	46
		7-23-74	1355	535	31.0	6.0	2.8	-	70	8.1	220	.02	.02	.03	.77	.84	.04	.14	11	49	60
		10-23-74	1405	-	24.0	7.5	1.2	-	40	7.4	-	.19	.02	.04	.68	.93	.08	.10	18	61	79

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
Pompano Canal	10	2-24-69	-	680	19.0	-	4.0	50	40	7.2	230	-	0.02	0.60	-	-	0.10	0.13	-	-	-
		6-17-69	-	650	28.0	-	.9	40	40	8.0	250	0.14	.01	.10	0.68	1.0	-	.06	-	-	-
		2-10-70	-	740	20.0	-	-	50	20	7.8	250	.19	.02	.20	.90	1.3	.25	.25	-	-	-
		9-30-70	1225	630	29.0	2.8	.4	60	7	8.1	200	.16	.02	.10	.40	.68	.19	.20	-	-	-
		1-14-71	1305	740	23.0	6.8	-	60	4	8.0	220	.01	.01	.10	.67	.79	.24	.28	-	-	-
		4- 8-71	-	840	20.0	-	-	60	15	8.0	240	.45	.00	.00	1.2	1.7	.17	.19	27	57	84
		7-15-71	1200	670	30.0	7.8	2.4	45	-	8.5	210	.02	.01	.20	.85	1.1	.17	.18	21	43	64
		10- 8-71	1000	720	29.0	5.3	1.7	45	10	6.6	230	.19	.03	.10	1.4	1.7	.19	.21	13	54	67
		12-14-71	1355	710	23.0	7.9	1.6	50	15	8.3	240	.03	.02	.20	.85	1.1	.29	.29	13	56	69
		4- 6-72	1435	640	24.0	7.5	2.0	50	15	7.2	200	.25	.07	.80	1.1	2.6	.31	.32	16	54	70
		6-13-72	1505	610	26.0	9.7	-	60	15	7.9	-	.23	.02	.10	1.1	1.5	.17	.21	-	-	-
		9-25-72	1420	650	28.0	6.6	1.3	50	2	8.0	220	.31	.02	.00	1.4	1.7	.22	.22	14	45	59
		1-19-73	1509	760	24.0	10.1	1.9	45	3	8.2	230	.16	.04	.40	1.7	2.3	.24	.25	33	35	68
		3-28-73	1445	740	23.0	8.8	1.4	50	5	8.3	220	.16	.02	.40	1.2	1.8	.13	.16	17	50	67
		7- 5-73	1520	660	29.0	14.2	1.5	40	5	7.7	210	.12	.36	.00	1.0	1.5	.17	.19	13	52	65
		8-28-73	-	670	28.0	-	2.7	50	10	7.8	240	.26	.02	.00	1.2	1.5	.16	.17	7	53	60
		9-24-73	1520	650	29.0	4.6	2.3	55	7	7.5	-	.40	.03	.10	2.2	2.8	.20	.23	-	-	-
		1-18-73	1500	530	23.0	3.7	2.7	-	20	7.3	-	.58	.07	.50	.98	2.1	.49	.80	17	51	68
		4-18-74	1350	940	25.0	6.6	1.7	80	4	8.3	230	.04	.05	.46	1.8	2.4	.15	.17	20	54	74
		7-23-74	1420	640	30.0	4.3	2.3	-	8	7.6	190	.17	.03	.26	1.3	1.8	.13	.18	11	47	58
		10-23-74	1420	-	23.0	7.7	1.4	-	8	7.5	-	.09	.02	.18	.77	1.1	.19	.21	12	50	62

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
Middle River Canal	37	9-30-70	1020	630	30.0	2.0	0.6	50	30	8.1	250	1.0	0.01	0.00	0.54	1.6	0.01	0.01	-	-	-
		1-14-71	-	620	21.5	-	.7	50	10	8.0	210	.54	.01	.00	.39	.94	.00	.02	-	-	-
		4- 9-71	-	600	21.0	-	-	30	15	8.1	150	.20	.00	.20	.85	1.2	.00	.01	19	35	54
		7-14-71	-	680	-	-	.7	60	15	7.2	240	.06	.01	.40	1.5	2.0	.01	.01	24	50	74
		10- 8-71	-	680	29.0	-	2.3	60	15	6.6	230	.51	.01	.00	.65	1.2	.00	.02	20	55	75
		1- 6-71	1400	710	25.0	7.2	1.2	50	15	8.1	320	.57	.01	.10	.59	1.3	.00	.02	20	60	80
		4- 5-72	1450	510	25.5	6.3	1.3	45	10	7.2	200	.01	.16	.40	.93	1.5	.02	.05	12	55	67
		6-19-72	1145	-	26.5	7.4	6.9	-	3	-	-	.05	.04	.40	1.7	2.2	.02	.07	-	-	-
		9-26-72	1300	610	27.5	6.3	3.2	50	2	7.8	220	.35	.02	.00	2.5	2.9	.01	.01	11	50	61
		1-19-73	1330	700	21.0	2.6	1.6	50	5	8.1	240	.25	.01	.20	1.2	1.7	.00	.01	23	46	69
		3-23-73	1255	860	25.0	4.8	1.9	-	35	8.0	260	.70	.03	.20	1.4	2.3	.03	.03	25	67	92
		6-29-73	1300	650	28.0	9.3	.9	50	3	7.6	170	.04	.01	.00	1.5	1.6	.74	.75	15	40	55
		8-28-73	-	660	28.0	-	2.2	60	55	7.6	270	.52	.03	.00	1.3	1.8	.01	.02	12	67	79
		9-24-73	1230	660	26.0	1.0	1.6	70	100	-	-	.57	.03	.20	1.0	1.8	.01	.08	-	-	-
		1-18-74	1345	730	23.0	4.7	2.0	-	50	7.8	-	.50	.03	.10	1.3	1.9	.04	.06	56	72	130
		4-18-74	1200	790	25.0	7.6	1.5	50	9	8.1	180	.05	.01	.15	2.0	2.2	.01	.01	17	43	60
		7-23-74	1125	760	32.0	3.7	1.3	-	6	7.9	230	.13	.06	.11	1.3	1.6	.01	.04	16	60	76
		10-23-74	1220	720	24.0	5.5	1.0	-	7	7.8	-	.59	.01	.12	1.3	2.0	.01	.02	27	63	90

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
Middle River Canal	36	9-30-70	1210	640	31.0	6.5	0.7	40	25	8.2	230	0.34	0.01	0.10	0.40	0.95	0.03	0.04	–	–	–
		1-14-71	1100	600	23.0	7.6	1.1	50	20	8.1	230	.17	.07	.20	.68	1.1	.00	.02	–	–	–
		4-15-71	–	760	25.0	–	1.9	50	15	8.1	230	.06	.01	.20	1.2	1.5	.01	.03	24	53	77
		7-14-71	1500	600	–	11.3	.9	50	20	7.2	220	.01	.01	.40	1.4	1.8	.00	.01	21	45	66
		10- 8-71	1440	630	30.0	10.0	1.4	40	10	–	250	.12	.02	.20	1.1	1.4	.00	.01	15	55	70
		12-14-71	1320	640	25.0	8.5	1.6	35	20	8.2	240	.06	.01	.20	.93	1.2	.01	.02	21	54	75
		4- 5-72	0945	520	–	9.5	1.9	30	5	7.3	210	.00	.02	.20	1.0	1.2	.03	.07	17	51	68
		6-19-72	1228	–	27.0	10.4	1.7	–	2	–	–	.09	.04	.10	1.8	2.0	.03	.04	–	–	–
		9-26-72	1430	570	28.0	2.3	–	50	2	8.0	210	.17	.02	.00	1.6	1.8	.05	.06	19	38	57
		1-19-73	1405	650	23.0	11.1	2.0	45	5	8.3	220	.04	.02	.30	1.5	1.9	.10	.12	28	35	63
		3-23-73	1320	750	23.0	9.1	1.2	50	20	8.2	210	.12	.02	.40	1.5	2.0	.12	.15	27	59	86
		6-29-73	1335	590	29.0	8.1	1.8	50	4	7.5	170	.03	.01	.00	1.4	1.4	.05	.08	10	40	50
		8-28-73	–	620	29.0	–	3.1	50	10	8.0	230	.05	.04	.10	1.3	1.5	.16	.17	8	55	63
		9-24-73	0920	690	28.0	3.4	1.9	50	4	–	–	.09	.02	.20	1.2	1.5	.16	.19	11	56	67
		1-18-74	1320	580	22.0	8.4	3.1	–	8	7.8	–	.10	.03	.30	.97	1.4	.14	.19	22	55	77
		4-18-74	1230	750	25.5	8.6	2.5	50	8	8.3	190	.06	.01	.17	1.9	2.1	.01	.03	24	48	72
		7-23-74	1240	590	31.0	6.6	2.7	–	3	8.3	160	.00	.02	.04	1.4	1.5	.10	.13	10	42	52
		10-23-74	1255	630	24.0	7.2	1.4	–	8	8.4	–	.08	.03	.47	1.0	1.6	.17	.19	14	55	69

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

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(milligrams per litre)

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												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
Middle River Canal	11	2-25-69	-	680	19.0	-	4.0	50	30	7.2	240	-	0.10	2.1	-	-	1.2	1.2	-	-	-
		6-18-69	-	550	29.0	-	2.4	50	80	7.5	240	0.36	.06	.40	0.92	1.8	-	.46	-	-	-
		2-13-70	-	640	18.0	-	-	60	100	7.4	230	.58	.11	.60	.90	1.7	.39	.39	-	-	-
		1-14-71	1450	620	22.0	18.1	5.3	45	6	7.8	200	.15	.67	3.2	.78	4.8	1.6	1.8	-	-	-
		10- 8-71	1450	590	28.5	6.2	1.6	45	10	6.7	210	.45	.05	.30	1.6	2.4	.49	.52	17	50	67
		12-14-71	1335	640	24.5	6.6	-	45	10	8.3	210	.14	.12	1.2	2.0	3.6	.82	.82	27	48	75
		4- 6-72	1005	510	23.0	9.0	4.0	40	7	7.1	190	.60	.16	.30	.93	2.0	.42	.49	15	48	63
		6-19-72	1255	-	27.5	4.2	3.2	-	6	-	-	.46	.05	.10	1.2	1.8	.31	.44	-	-	-
		9-25-72	1445	560	28.0	7.4	1.2	40	2	8.0	200	.52	.13	.40	2.2	3.3	.86	.88	14	45	59
		1-19-73	1415	650	21.5	8.7	7.9	45	10	8.0	190	1.8	.20	1.2	2.2	3.6	.78	.84	27	34	61
		3-23-73	1325	670	23.0	4.4	5.0	45	6	7.4	190	1.0	.25	.20	1.9	3.4	.88	.88	18	45	63
		6-28-73	0940	600	28.0	0.4	4.2	50	10	7.1	150	2.1	.01	.00	1.1	3.2	.67	.73	16	45	61
		7- 6-73	-	560	30.5	-	-	50	2	7.5	180	1.4	.06	.00	.96	2.4	.40	.43	-	-	-
		8-28-73	-	620	29.0	-	4.7	50	6	7.8	230	.79	.04	.10	1.3	2.1	.34	.37	10	55	65
		9-24-73	0945	660	28.0	2.5	5.5	55	5	-	-	.25	.09	.10	1.7	2.1	-	-	7	50	57
		1-18-74	1330	660	23.0	2.3	4.0	-	6	7.6	-	2.7	.21	.60	2.1	5.6	.87	.90	20	50	70
		4-18-74	1310	810	25.0	3.2	7.5	60	4	7.5	210	1.1	.29	.81	2.6	4.8	.60	.70	20	55	75
		7-23-74	1310	620	31.0	7.1	7.0	-	7	8.2	170	.39	.11	.64	1.6	2.7	.53	.63	14	42	56
		10-23-74	1335	600	22.5	7.3	2.3	-	5	7.8	-	.34	.10	.70	1.1	2.2	.29	.33	16	50	66

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

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(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
Middle River Canal	30	1-14-71	-	320	23.0	-	1.1	15	3	7.9	64	0.04	0.01	0.00	0.16	0.21	0.01	0.03	-	-	-
		4-14-71	-	310	22.5	-	.7	10	7	7.7	57	.36	.00	.00	.09	.45	.04	.06	9	12	21
		7-15-71	1215	340	29.5	6.9	1.7	20	-	7.9	82	.02	.01	.20	.54	.77	.01	.01	20	50	70
		12-15-71	1415	440	23.5	4.7	1.3	4	30	7.9	110	.07	.01	.20	.47	.75	.02	.04	7	27	34
		6-19-72	1520	-	27.0	1.3	3.0	-	40	-	-	.05	.01	.00	1.4	1.5	.02	.04	4	19	23
		9-25-72	1440	300	29.0	6.0	1.2	20	2	8.0	100	.05	.01	.00	1.1	1.2	.01	.02	8	22	30
		1-19-73	1528	370	23.0	8.9	1.1	15	4	8.1	110	.04	.01	.00	1.3	1.4	.00	.02	11	18	29
		3-28-73	1500	260	24.0	8.9	2.9	20	10	7.5	73	.15	.01	.00	.74	.90	.02	.02	7	14	21
		7- 6-73	1540	230	29.5	5.3	1.2	20	4	7.5	77	.05	.01	.00	.56	.62	.02	.05	3	20	23
		8-28-73	-	300	30.5	-	2.3	-	15	8.2	86	.03	.01	.00	.73	.77	.01	.02	4	18	22
		9-24-73	1600	250	29.0	6.2	1.5	20	6	7.6	33	.02	.01	.00	.66	.69	.01	.03	2	13	15
		1-18-74	1520	250	24.0	12.1	1.2	-	4	8.8	-	.03	.01	.00	.49	.53	.02	.04	7	18	25
		4-18-74	1400	310	28.0	15.2	2.2	10	3	9.9	60	.02	.00	.00	.68	.70	.04	.05	9	10	19
		7-23-74	1330	330	33.0	9.4	-	-	3	6.8	72	.02	.00	.01	.72	.75	.07	.07	6	15	21
		10-23-74	1450	-	24.0	9.0	1.4	-	5	7.7	-	.02	.00	.01	.61	.64	.02	.04	6	18	24

Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

Dates approximate for diel oxygen measurements

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
Plantation Canal	14	2-28-69	-	640	18.0	-	-	30	40	7.5	190	2.7	0.11	0.20	0.82	3.8	1.8	-	-	-	-
		6-17-69	-	600	28.0	-	-	40	110	7.6	100	8.5	.01	.40	1.2	10.0	7.8	7.8	-	-	-
		2-17-70	-	690	22.0	-	-	50	600	7.3	200	.44	.01	.00	2.4	2.9	8.8	9.5	-	-	-
		9-30-70	1120	600	30.0	0.2	-	50	20	7.2	110	7.8	.02	.00	.00	7.8	7.8	8.2	-	-	-
		1-13-71	1420	800	24.0	0.2	-	60	35	7.3	140	15.5	-	.00	13.0	-	12.1	12.4	-	-	-
		4-15-71	-	740	26.0	-	-	40	35	7.3	150	21.7	.12	.10	3.2	25.0	11.1	11.4	35	40	75
		7- 1-71	1445	-	-	1.2	-	-	25	-	-	30.3	.01	.00	.00	30.0	9.1	9.8	-	-	-
		10-12-71	1420	670	-	8.4	-	45	8	6.8	180	25.6	.05	.00	4.7	30.0	6.2	6.8	21	40	61
		1- 7-72	1310	570	23.5	2.2	-	80	25	7.4	130	7.0	.02	7.90	10.0	25.0	4.6	4.6	17	39	56
		4- 5-72	1525	660	24.5	4.8	-	50	7	7.4	220	4.0	.04	.30	.94	5.3	1.7	2.0	15	62	77
		6-19-72	1205	-	28.0	4.3	-	-	6	-	-	3.5	.03	.00	1.9	5.4	2.4	2.6	-	-	-
		9-28-72	1420	610	28.0	3.1	-	50	4	7.5	140	0.0	.12	.10	1.7	2.9	3.1	3.3	9	45	54
		1- 6-73	1350	640	25.0	2.5	-	50	6	7.0	180	9.2	.04	.10	.56	9.9	2.2	2.5	12	51	63
		3-23-73	1310	660	24.0	3.0	-	50	20	7.4	170	7.3	.09	.30	.28	8.0	4.5	4.5	20	39	59
		6-28-73	1320	560	28.0	2.7	-	40	10	7.5	180	3.3	.04	.00	1.1	4.4	2.3	2.3	24	45	69
		8-29-73	-	640	28.5	-	-	30	60	7.5	190	5.3	.10	.00	4.7	10.0	3.1	3.2	11	39	50
		9-24-73	1240	600	26.0	2.2	-	50	15	-	-	.35	.01	.30	1.6	2.3	1.0	1.0	22	60	82
		1-18-74	1300	750	23.0	1.0	-	-	20	7.3	-	13.3	.04	.10	1.6	15.0	4.5	5.0	25	59	84
		4-18-74	1215	790	26.0	0.6	-	80	40	7.2	270	8.6	.02	.02	2.6	11.0	4.5	4.7	43	67	110
		7-23-74	1200	-	-	2.8	-	-	4	-	-	3.2	.08	.15	4.6	7.9	1.9	1.9	14	48	62
		10-23-74	1240	630	23.0	5.4	-	-	4	7.6	-	1.4	.08	.49	1.2	3.2	.84	.92	9	52	61

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
Plantation Canal	15	2-28-69	-	590	19.0	-	5.0	45	10	7.7	200	1.6	0.01	0.10	0.67	2.4	-	1.4	-	-	-
		6-17-69	-	530	29.0	-	6.8	45	110	7.8	200	1.3	.03	.00	1.1	2.4	1.3	1.4	-	-	-
		2-17-70	-	540	21.5	-	-	50	230	7.2	170	5.1	.15	.20	1.1	6.6	.85	1.1	-	-	-
		10-29-70	-	490	26.0	-	-	45	20	7.6	140	4.3	.05	.00	-	4.4	3.9	3.9	-	-	-
		4-15-71	-	750	25.0	-	6.6	40	70	7.4	160	1.7	.04	.00	3.1	4.8	4.6	5.5	67	25	92
		7- 1-71	1540	650	-	0.1	7.9	55	25	6.7	100	22.5	.01	.00	20.0	43.0	9.1	9.8	-	-	-
		9- 9-71	1100	460	27.0	3.3	6.9	40	30	7.5	140	3.7	.00	.00	2.8	6.5	3.1	3.3	17	38	55
		1- 7-72	1350	690	23.5	0.3	7.8	50	-	7.4	170	.33	.02	.00	.78	1.1	8.2	8.5	70	31	39
		4- 5-72	-	510	24.0	-	3.5	50	7	7.1	160	3.6	.04	.10	.64	4.4	3.6	2.8	85	40	45
		5- 9-72	1020	510	26.5	4.2	3.8	60	4	8.3	180	2.6	.08	.10	2.6	5.4	2.5	2.8	-	-	-
		6-19-72	1305	-	28.0	2.4	-	-	3	-	-	4.6	.06	.20	1.4	6.3	2.5	2.6	-	-	-
		9-28-72	1500	530	28.0	1.6	-	60	5	7.6	180	.81	.03	.10	1.3	2.2	1.3	1.6	3	50	53
		1- 6-73	1430	600	24.0	1.4	-	50	10	7.2	200	4.6	.08	.00	1.6	6.3	1.1	1.8	23	46	69
		3-23-73	1350	520	24.0	2.6	-	100	15	7.2	160	17.0	.02	.00	2.8	20.0	4.8	5.0	-	-	-
		6-28-73	1400	440	27.0	1.3	7.2	40	8	7.2	140	2.4	.08	.00	1.3	3.8	1.2	1.3	20	44	64
		8-28-73	-	550	28.5	-	7.7	50	7	7.5	180	3.2	.27	.00	2.7	6.2	1.5	1.7	10	45	55
		9-24-73	1005	570	27.0	0.4	4.3	55	7	8.5	190	3.2	.05	.01	2.1	5.4	1.1	1.1	3	50	53
		1-18-74	1345	610	24.0	0.5	9.0	-	10	7.3	-	4.9	.02	.00	.96	5.9	1.3	1.8	25	51	76
		4-18-74	1245	760	27.0	4.3	8.8	100	30	8.1	200	14.0	.02	.03	5.0	19.0	3.9	4.2	62	52	110
		7-23-74	1405	600	33.0	0.9	5.8	-	3	7.8	-	1.6	.17	.21	1.4	3.4	1.0	1.1	10	46	56
		10-23-74	1350	590	23.0	3.9	5.2	-	6	7.8	-	2.3	.18	.78	1.3	4.6	1.1	1.2	6	52	58

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
Plantation Canal	16	2-27-69	-	600	20.0	-	6.0	50	15	7.1	200	-	-	0.00	-	-	1.2	1.2	-	-	-
		6-16-69	-	510	29.0	-	3.6	45	60	8.2	200	-	0.02	.00	-	-	.85	.88	-	-	-
		2-17-70	-	550	21.5	-	-	45	60	7.1	180	4.6	.07	.10	0.92	5.7	2.5	2.5	-	-	-
		9-30-70	1345	450	32.0	0.3	3.9	40	15	7.6	120	4.0	.01	.00	.00	4.0	3.1	3.1	-	-	-
		1-13-71	1205	8,800	26.0	2.4	6.4	50	15	7.6	190	1.9	.02	.00	1.5	3.4	2.2	2.3	-	-	-
		4-18-71	-	15,000	26.0	-	5.1	45	30	7.3	160	3.2	.12	.10	2.1	5.5	2.6	2.9	17	45	62
		7-15-71	1145	2,900	29.0	2.7	2.7	45	-	8.4	220	1.2	.08	.30	.47	1.9	1.1	1.1	37	19	56
		10-12-71	1515	2,200	-	1.2	4.0	40	2	6.7	190	3.4	.06	.30	1.4	5.2	1.1	1.6	21	50	71
		1- 7-71	1405	640	25.5	2.8	4.3	45	30	7.7	210	3.0	.02	.00	.31	3.3	1.2	1.2	42	60	102
		4- 5-71	1105	500	23.5	0.6	2.9	50	8	7.0	170	3.0	.05	.10	.84	4.0	2.0	2.5	12	54	66
		6-19-72	1320	-	26.5	1.4	3.2	-	3	-	-	3.0	.06	.00	.94	4.0	1.8	2.0	-	-	-
		9-28-72	1505	690	28.0	0.8	3.6	50	5	8.5	190	1.6	.06	.00	.94	2.6	1.3	1.4	1	57	58
		1- 6-73	1445	570	22.5	0.8	1.9	45	4	7.0	180	3.9	.23	.10	1.0	5.2	3.3	3.8	26	37	63
		3-23-73	1355	6,500	23.0	0.7	4.8	50	6	7.3	190	3.4	.20	.10	.38	4.0	1.4	1.4	18	46	64
		6-28-73	1407	440	26.5	1.6	3.6	45	15	7.3	140	1.9	.04	.20	.80	2.9	.87	.90	10	46	56
		8-28-73	-	600	28.0	-	4.0	45	4	7.7	-	3.1	.05	.00	1.6	4.7	1.2	1.3	7	51	58
		9-24-73	1020	550	27.0	0.4	2.0	50	6	-	-	.95	.05	.10	1.7	2.8	.80	.80	6	44	50
		1-18-74	1350	610	23.0	0.9	6.1	-	15	7.4	-	5.5	.38	.10	1.2	7.2	2.0	2.3	20	55	75
		4-18-74	1255	6,600	27.0	5.0	9.0	50	9	7.6	220	7.6	.01	.02	2.3	9.9	2.3	2.5	34	56	90
		7-23-74	1425	680	33.5	2.6	6.5	-	7	8.0	180	2.0	.14	.54	1.5	4.2	2.4	2.4	11	47	58
		10-23-74	1400	580	23.0	2.1	2.4	-	3	7.3	-	2.1	.11	.46	1.0	3.7	.75	.80	15	49	64

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
Plantation Canal	16E	8-28-73	-	2,800	29.0	-	4.0	50	10	7.8	210	3.4	0.06	0.10	2.1	5.7	0.65	0.87	10	52	62
		9-24-73	1035	1,000	27.0	1.2	2.6	55	8	-	-	3.5	.19	.10	1.8	5.6	1.2	1.2	4	42	46
		1-18-74	1400	890	24.0	1.3	4.4	-	6	7.3	-	3.8	.03	.00	1.1	4.9	1.0	1.1	23	51	74
		4-18-74	1300	14,000	28.0	0.4	8.9	40	8	7.6	200	9.2	.01	.01	.85	.10	2.4	2.6	34	56	90
		7-23-74	1455	670	32.0	3.2	4.3	-	5	7.9	180	2.0	.09	.26	1.4	3.6	1.1	1.2	10	49	59
		10-23-74	1415	830	23.0	1.6	2.7	-	3	7.2	-	2.2	.11	1.6	1.7	4.4	1.3	1.4	8	47	55

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
Plantation Canal	17	2-27-69	-	11,000	21.0	-	3.0	50	10	7.1	210	-	0.02	0.30	-	-	0.36	0.36	-	-	-
		6-16-69	-	710	28.0	-	1.3	50	60	7.9	220	0.71	.02	.00	1.3	2.0	-	.03	-	-	-
		2-17-70	-	2,000	22.0	-	-	50	55	7.7	210	.85	.36	.00	.98	2.2	3.6	3.9	-	-	-
		7-15-71	1200	25,000	-	5.4	1.2	30	6	8.1	180	.22	.02	.30	.93	1.5	.22	.22	19	38	57
		9-29-71	1130	12,000	-	5.2	1.1	50	3	6.7	210	.37	.07	.40	1.8	2.6	.27	.28	17	46	63
		1- 7-72	1415	8,900	25.0	5.7	1.5	50	8	8.0	220	.32	.09	.40	.85	1.6	.20	.20	36	50	86
		4- 4-72	1120	3,400	26.0	6.2	1.0	60	9	7.3	200	.45	.03	.50	1.8	2.8	.36	.39	23	55	78
		6-19-72	1330	-	28.0	4.6	1.5	-	7	-	-	.29	.24	.30	1.6	2.4	.24	.26	-	-	-
		9-28-72	1520	9,200	30.5	4.6	-	50	5	8.3	210	.21	.49	.50	.94	2.1	.24	.24	-	-	-
		1- 6-73	1055	19,000	25.0	5.5	8.6	35	10	7.5	190	.61	.06	.50	1.2	2.4	.28	.28	21	39	60
		3-23-73	1025	28,000	25.0	7.9	1.1	40	7	7.8	170	.57	.08	.50	1.2	2.3	.32	.33	18	44	62
		6-28-73	-	6,800	30.0	-	2.1	60	7	7.4	210	.60	.04	.30	1.2	2.1	.25	.27	28	43	71
		8-29-73	-	24,000	-	-	2.7	40	10	8.1	180	.28	.04	.20	.89	1.4	.12	.12	5	41	46
		9-24-73	1045	11,000	30.0	3.7	1.0	50	9	-	-	.79	.03	.40	.46	1.7	.17	.18	13	49	62
		1-18-74	1410	11,000	25.0	3.5	1.7	-	10	7.5	-	.72	.10	.40	.94	2.2	.35	.37	19	54	73
		4-18-74	1310	34,000	25.5	4.3	2.0	30	8	7.9	150	1.0	.05	.40	1.1	2.6	.37	.45	14	34	48
		7-23-74	1510	24,000	32.5	4.7	1.8	-	6	7.9	180	.39	.04	.35	.85	1.7	.29	.29	7	46	53
		10-23-74	1430	9,500	22.5	5.3	0.9	-	8	7.5	-	.40	.08	.54	1.1	2.1	.28	.29	19	45	64

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
North New River Canal	20	3- 3-69	-	870	21.0	-	2.0	80	40	7.3	280	-	0.01	0.00	-	-	0.00	0.01	-	-	-
		6-18-69	-	840	26.0	-	3.8	70	60	7.7	270	0.53	.00	.20	1.3	2.0	-	.02	-	-	-
		2-16-70	-	790	24.0	-	-	65	60	7.7	270	.12	.00	.00	.98	1.1	.00	.01	-	-	-
		9-29-70	1430	890	33.0	8.1	1.5	70	15	8.2	300	.52	.01	.00	.49	1.0	.02	.02	-	-	-
		1-14-71	1425	880	24.0	3.3	0.3	70	1	8.4	300	.39	.01	.00	1.0	1.4	.01	.02	-	-	-
		4- 4-71	-	600	20.6	-	2.7	30	15	7.7	160	.51	.01	.10	.93	1.5	.00	.01	20	38	58
		7-13-71	1530	850	-	5.2	-	65	20	7.2	290	.10	.01	.20	.53	.84	.01	.01	27	58	85
		10- 8-71	1220	880	29.5	7.6	3.3	45	20	6.7	300	.31	.01	.00	.42	.74	.01	.05	21	70	91
		12-15-71	1425	900	25.0	4.0	1.7	70	25	8.4	320	.85	.01	.00	4.1	5.0	.02	.03	30	71	100
		4- 4-72	1120	880	25.0	4.9	0.9	70	8	7.5	300	.44	.02	.10	1.6	2.2	.02	.03	28	77	100
		6-15-72	1430	-	27.0	4.4	1.2	70	2	8.1	-	.31	.01	.10	1.5	1.9	.01	.02	-	-	-
		9-26-72	1415	850	29.0	6.5	-	70	1	8.2	270	.14	.01	.00	1.7	1.9	.03	.03	20	54	74
		1-16-73	1345	880	20.0	1.7	1.4	70	1	7.9	290	.38	.01	.00	1.8	2.2	.00	.00	21	65	86
		3-21-73	1150	940	23.5	2.8	1.8	70	2	7.9	290	.44	.01	.00	1.3	1.8	.00	.00	23	75	98
		6-20-73	1440	980	27.0	5.6	2.6	100	9	7.9	270	.11	-	.40	1.8	2.3	.01	.01	62	50	110
		8-30-73	-	870	27.5	-	0.8	60	3	8.2	-	.18	.02	.00	1.7	1.9	.02	.02	17	70	87
		9-24-73	1410	-	-	6.5	1.3	70	5	-	-	.20	.02	.30	1.4	1.9	.01	.02	15	65	80
		1-18-74	1430	950	23.0	3.1	1.7	-	3	7.6	-	.71	.00	.04	1.4	2.2	.01	.02	66	80	150
		4-18-74	1310	850	24.0	7.5	2.0	50	6	8.1	210	.02	.01	.17	1.4	1.6	.02	.06	-	-	-
		7-23-74	1245	1,000	30.5	4.7	1.3	-	6	7.6	310	.26	.01	.05	1.5	1.8	.01	.02	-	-	-
		10-23-74	1400	960	22.0	5.1	0.4	-	4	7.7	-	.52	.01	.04	1.4	2.0	.01	.02	21	79	100

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
North New River Canal	38	9-30-70	1445	620	30.0	1.4	1.3	50	15	8.1	240	0.60	0.01	0.20	0.33	1.1	0.01	0.01	-	-	-
		1-13-71	1040	740	24.0	0.9	.5	50	10	8.1	240	.50	.01	.00	.93	1.4	.00	.01	-	-	-
		4-15-71	-	650	23.0	-	2.0	30	8	8.0	180	.53	.09	.20	.64	1.5	.01	.02	17	43	60
		7-13-71	1205	680	-	4.1	.8	60	15	7.1	240	.07	.01	.40	1.5	2.0	.01	.01	24	50	75
		10- 8-71	1245	660	29.5	1.0	1.3	50	10	6.6	230	.53	.02	.00	.40	.95	.01	.02	21	46	67
		1- 6-72	1445	690	25.0	1.4	3.5	50	10	8.0	240	.85	.05	.00	2.7	3.6	.00	.02	20	58	78
		4- 4-72	1140	680	23.5	2.0	1.2	60	9	7.4	240	.45	.25	.20	1.3	2.2	.02	.02	20	62	82
		6-15-72	1105	660	26.5	0.1	1.2	90	2	7.8	-	.49	.01	.00	1.2	1.7	.02	.02	-	-	-
		9-26-72	1430	650	28.0	0.8	1.6	60	2	7.7	230	.58	.01	.00	2.1	2.7	.00	.01	11	50	61
		1-16-73	1400	670	20.0	1.7	1.1	60	1	7.5	240	.69	.01	.00	2.6	3.3	.00	.01	13	37	70
		3-21-73	1210	760	24.0	4.5	1.4	70	4	8.4	200	.51	.01	.10	1.1	1.7	.01	.01	30	63	93
		6-29-73	1500	760	28.0	7.2	1.3	60	10	7.6	240	.35	.01	.00	1.2	1.6	.01	.02	41	51	92
		8-30-73	-	710	26.0	-	1.2	60	5	7.7	-	.54	.02	.00	1.4	2.0	.00	.01	9	65	74
		9-24-73	1420	-	-	2.1	.9	70	5	-	-	.64	.02	.00	2.1	2.8	.01	.02	15	65	80
		1-18-74	1445	800	23.0	2.5	1.0	-	6	7.7	-	.75	.01	.00	1.2	2.0	.02	.04	53	71	120
		4-18-74	1250	780	24.0	7.0	1.5	50	4	7.5	180	.10	.01	.21	2.2	2.5	.01	.02	26	47	73
		7-23-74	1310	780	31.0	3.0	1.1	-	6	7.6	220	.42	.01	.02	1.4	1.9	.01	.04	14	65	79
		10-23-74	1423	665	22.5	3.8	0.2	-	6	7.8	-	.66	.01	.03	1.4	2.1	.01	.02	27	62	89

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
North New River Canal	21	2-27-69	-	650	19.0	-	2.0	50	15	7.3	220	-	0.04	0.10	-	-	0.00	0.00	-	-	-
		6-16-69	-	640	26.0	-	0.7	50	60	8.0	220	0.60	.01	.00	1.2	1.8	-	.05	-	-	-
		2-17-70	-	610	21.0	-	-	50	55	7.7	210	.54	.01	.00	.82	1.4	.00	.01	-	-	-
		9-29-70	1630	630	30.0	4.6	0.8	50	15	7.8	210	.48	.01	.00	.42	.91	.01	.02	-	-	-
		1-13-71	1335	720	26.0	7.3	0.4	50	7	8.1	230	.22	.03	.20	.71	1.2	.01	.02	-	-	-
		4- 9-71	-	640	23.0	-	1.3	30	6	8.1	160	.17	.00	.20	1.0	1.4	.00	.01	19	36	55
		7-13-71	1400	660	-	9.1	0.5	60	15	7.4	240	.02	.01	.40	2.2	2.6	.01	.01	25	48	73
		10-12-71	1345	630	-	3.7	1.2	60	9	6.7	220	.07	.01	.30	2.0	2.4	.01	.03	18	48	66
		12-15-71	1230	670	23.5	3.4	-	50	15	8.3	230	.05	.01	.40	2.1	2.6	.01	.03	23	52	75
		4- 4-72	1350	670	24.5	6.9	2.3	50	10	7.4	230	.20	.06	.30	1.8	2.4	.02	.03	19	62	81
		6-15-72	1500	630	-	3.1	0.2	80	2	7.9	-	.45	.01	.10	1.2	1.8	.01	.02	-	-	-
		9-27-72	1245	620	28.0	2.3	2.0	70	2	7.9	220	.37	.04	.10	1.3	1.8	.01	.01	8	55	63
		1-16-73	1315	660	18.0	6.0	1.0	80	3	7.8	240	.45	.04	.40	2.4	3.4	.00	.00	7	63	70
		3-21-73	1240	740	25.0	8.6	2.6	50	5	8.2	250	.09	.01	.20	1.0	1.3	.01	.01	20	58	78
		6-20-73	1245	800	29.0	7.2	4.8	50	10	7.6	220	.05	.00	.00	1.3	1.4	.01	.02	42	40	82
		8-30-73	-	700	26.5	-	0.4	60	3	7.9	240	.38	.02	.10	1.7	2.2	.00	.01	10	62	72
		9-24-73	1215	740	27.0	2.5	1.0	65	5	-	-	.23	.02	.30	1.1	1.7	.01	.02	16	55	71
		1-18-74	1230	700	22.0	8.0	1.8	-	7	8.0	-	.21	.05	.37	1.1	1.7	.01	-	27	65	92
		4-18-74	1145	830	25.0	7.9	2.1	40	8	8.0	200	.07	.01	.23	1.8	2.1	.01	.01	24	48	72
		7-23-74	1055	740	31.0	4.8	1.5	-	4	8.0	240	.31	.06	.09	1.3	1.7	.05	.07	15	61	76
		10-23-74	1205	760	23.0	5.4	1.2	-	7	8.0	-	.16	.12	.38	1.5	2.2	.01	.02	13	62	75

/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

Dates approximate for diel oxygen measurements

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Incrganic Carbon	Total Carbon
North New River Canal	22	2-27-69	-	710	19.0	-	3.0	15	15	7.1	240	-	0.02	0.30	-	-	0.03	0.04	-	-	-
		6-16-69	-	630	26.0	-	1.4	60	40	7.7	220	0.50	.01	.20	-	0.71	.03	.03	-	-	-
		2-17-70	-	610	21.0	-	-	50	45	7.7	210	.44	.03	.20	0.79	1.5	.03	.03	-	-	-
		9-29-70	1405	640	33.0	3.3	.8	50	20	8.0	210	.41	.03	.10	.68	1.2	.08	.08	-	-	-
		1-31-71	1230	12200	27.0	4.6	1.0	50	7	8.0	220	.14	.02	.20	.59	.95	.20	.33	-	-	-
		4-15-71	-	16000	24.0	-	1.9	40	7	7.6	180	.43	.00	.00	.65	1.1	.08	.12	14	38	52
		7-13-71	1220	3600	-	6.2	.9	60	15	7.2	230	.15	.02	.10	1.2	1.5	.08	.09	23	48	71
		9-28-71	1145	1600	30.0	4.6	1.3	60	10	6.7	230	.15	.09	.30	.46	1.0	.13	.14	22	53	75
		12-15-71	1430	5700	27.0	4.8	2.3	60	30	7.9	220	.32	.06	.40	1.9	2.7	.20	.20	19	53	72
		4- 4-72	1140	1700	27.0	6.5	1.0	70	8	7.2	220	.28	.04	.50	2.0	2.8	.14	.16	23	54	77
		6-15-72	1345	780	26.0	3.9	1.2	80	15	7.8	-	.17	.16	.30	1.4	2.0	.08	.10	-	-	-
		9-28-72	1530	1470	31.0	4.5	1.4	70	10	7.8	-	.16	.08	.30	1.7	1.9	.06	.07	18	48	66
		1-18-73	1300	11000	25.0	6.2	3.4	45	15	8.0	220	.28	.05	.50	.90	1.7	.11	.11	31	40	71
		3-22-73	1230	17500	26.0	6.4	1.0	50	1	7.9	200	.15	.07	.40	1.5	2.1	.15	.17	20	51	71
		7- 6-73	1233	1360	32.0	6.8	2.4	60	8	7.7	230	.26	.11	.20	1.1	1.7	.06	.09	15	58	73
		8-30-73	-	1200	29.0	-	1.4	70	10	8.0	260	.24	.07	.20	1.4	1.9	.06	.06	9	57	66
		9-24-73	1155	3900	30.0	3.5	1.0	70	15	-	-	.28	.03	.50	1.3	2.1	.07	.09	17	54	71
		1-18-74	1430	1700	24.0	5.1	2.5	-	6	7.7	-	.38	.09	.40	1.2	2.1	.10	.13	26	62	88
		4-18-74	1140	12900	29.0	6.4	2.6	50	12	7.9	210	.39	.05	.22	1.7	2.4	.17	.19	27	55	82
		7-23-74	1020	1440	31.0	4.4	1.8	-	6	8.2	220	.48	.07	.17	1.4	2.1	.12	.13	27	47	74
		10-23-74	1140	770	24.5	5.4	3.1	-	8	7.8	-	.45	.11	.47	1.5	2.5	.11	.13	19	59	78

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
South New River Canal	39	2-29-70	-	740	32.0	-	0.0	50	15	8.2	260	0.42	0.01	0.00	0.36	0.79	0.01	0.01	-	-	-
		1-14-71	1120	740	24.0	0.4	0.5	20	10	8.0	280	.36	.01	.00	.75	1.1	.00	.02	-	-	-
		4- 9-71	-	700	23.0	-	1.3	8	10	8.1	260	.57	.01	.00	1.3	1.9	.01	.01	19	66	85
		7-13-71	1130	750	-	0.4	1.1	20	10	7.5	260	.36	.01	.00	1.6	2.0	.01	.01	28	57	85
		9-21-71	1150	680	27.0	0.5	0.8	20	10	7.1	250	.25	.02	.20	1.3	1.8	.01	.01	-	-	-
		1- 6-72	1410	740	24.0	0.7	0.8	15	9	7.8	270	.53	.02	.10	.48	1.1	.00	.02	28	62	90
		4- 4-72	1530	700	22.0	2.8	1.1	5	9	7.5	250	.32	.02	.20	1.2	1.7	.02	.03	22	66	88
		6-15-72	1420	620	26.5	0.1	1.3	5	9	7.7	-	.35	.03	.20	1.3	1.9	.02	.03	-	-	-
		9-27-72	1400	720	25.0	1.8	0.8	3	9	7.6	250	.26	.01	.00	1.2	1.5	.01	.03	26	50	76
		1-16-73	1334	760	24.5	0.4	1.1	2	10	7.5	270	.43	.02	.00	1.0	1.5	.00	.00	10	73	83
		3-20-73	1550	800	23.0	2.8	0.7	6	10	7.8	290	-	.01	.00	1.1	-	.01	.01	39	75	110
		6-20-73	1430	730	25.5	2.9	1.8	10	9	7.7	250	.47	.03	.30	1.1	1.9	.01	.02	43	59	100
		8-30-73	-	690	26.0	-	0.3	8	10	7.8	-	.28	.02	.10	3.0	3.4	.02	.02	8	68	76
		9-24-73	1335	-	-	2.3	0.9	6	9	-	-	.31	.03	.40	1.0	1.7	.02	.03	15	65	80
		1-18-74	1325	710	24.0	0.6	1.5	3	-	7.6	-	.54	.01	.00	.83	1.4	.02	.03	61	75	140
		4-18-74	1335	850	23.0	3.0	3.5	-	13	7.4	270	.42	.01	.05	1.4	1.9	.01	.02	44	72	120
		7-23-74	1225	860	25.5	0.5	0.9	-	-	7.3	260	.30	.02	.10	1.3	1.7	.01	.05	-	-	-
		10-23-74	1440	790	22.0	2.6	0.5	6	-	7.6	-	.28	.01	.01	1.4	1.7	.01	.02	25	75	100

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3. --Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
South New River Canal	40	9-29-70	1500	630	29.0	1.7	0.7	50	20	8.0	240	0.42	0.03	0.10	0.44	0.99	0.02	0.03	-	-	-
		1-14-71	1350	750	23.0	5.9	0.9	50	9	8.1	280	.22	.04	.10	.73	1.1	.01	.02	-	-	-
		4- 7-71	-	720	23.0	-	1.2	50	10	8.2	260	.04	.00	.20	1.2	1.4	.00	.01	22	62	84
		7-13-71	1410	700	-	9.9	1.9	60	10	7.4	250	.00	.01	.00	1.7	1.7	.02	.02	26	51	77
		9-21-71	1310	570	31.0	8.6	1.9	70	20	7.8	230	.03	.01	.20	1.7	1.9	.01	.02	24	50	74
		1- 6-72	1115	680	28.0	7.8	4.4	60	20	8.2	240	.08	.02	.20	2.2	2.5	.00	.00	21	58	79
		6-15-72	1500	640	27.0	6.2	2.2	90	-	7.9	-	.27	.03	.10	1.3	1.7	.02	.04	-	-	-
		9-26-72	1440	650	28.0	3.5	1.5	80	5	7.8	240	.36	.04	.10	2.4	2.9	.01	.02	18	50	68
		1-16-73	1420	700	19.0	3.9	0.9	60	3	7.9	260	.05	.03	.40	1.2	1.7	.00	.00	7	67	74
		3-20-73	1230	650	23.5	7.9	0.4	50	10	8.0	250	.15	.05	.60	1.3	2.1	.02	.02	15	61	76
		6-19-73	1510	740	28.0	9.9	1.2	60	8	7.9	240	.03	.01	.10	1.2	1.3	.02	.02	31	54	85
		8-30-73	-	640	27.0	-	2.2	70	6	8.0	-	.59	.05	.00	1.8	2.4	.16	.18	15	58	75
		9-24-73	1440	-	-	1.5	2.8	100	7	-	-	.42	.05	.20	1.5	2.2	.23	.28	11	58	69
		1-18-74	1050	790	22.5	1.2	2.8	-	6	7.8	-	.42	.02	.00	.95	1.4	.02	.04	53	75	130
		4-18-74	1230	760	25.0	7.6	2.2	60	2	8.0	270	.18	.03	.20	1.4	1.8	.01	.02	41	69	110
		7-23-74	1325	700	32.0	8.1	3.6	-	8	7.9	210	.02	.02	.06	1.4	1.5	.01	.05	15	61	76
		10-23-74	1442	650	22.0	6.8	0.8	-	6	7.8	-	.03	.02	.33	1.3	1.7	.02	.03	24	65	89

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

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TABLE 3. --Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
South New River Canal	23	2-25-69	-	740	20.0	-	2.0	70	40	7.3	270	-	0.02	0.10	-	-	0.02	0.04	-	-	-
		6-16-69	-	570	26.0	-	1.1	80	70	7.9	220	0.45	.04	.10	1.2	1.7	.08	.10	-	-	-
		2-12-70	-	690	18.5	-	-	60	30	7.7	250	.33	.03	.20	1.3	1.8	.04	.04	-	-	-
		9-29-70	1515	620	27.0	1.7	-	60	20	8.0	270	.44	.04	.20	.57	1.3	.03	.03	-	-	-
		1-14-71	1335	650	22.0	5.8	1.2	80	15	8.0	220	.40	.06	.20	1.0	1.7	.08	.09	-	-	-
		4- 7-71	-	650	22.0	-	2.5	70	10	8.1	230	.34	.01	.40	1.3	2.1	.07	.09	24	56	80
		7-12-71	1230	630	-	2.8	1.1	100	20	7.3	230	.33	.03	.30	1.2	1.9	.10	.11	28	49	77
		9-21-71	1330	590	30.0	1.6	1.4	100	20	7.2	230	.69	.03	.10	2.4	3.2	.13	.14	35	51	86
		1- 6-72	1130	590	23.5	1.5	3.4	100	20	8.2	240	.85	.04	.30	2.8	4.0	.10	.10	42	62	102
		4- 3-72	1210	590	23.5	4.8	1.2	100	7	7.2	200	.50	.05	.50	1.7	2.8	.21	.25	27	55	82
		6-15-72	1515	700	27.0	2.6	1.3	90	3	7.5	-	.47	.07	.30	1.5	2.3	.09	.10	-	-	-
		9-28-72	1455	620	-	3.8	4.2	100	5	8.3	230	.28	.44	.30	1.9	2.9	.07	.08	18	52	70
		1-16-73	1430	620	18.0	7.9	6.3	80	1	7.7	240	.34	.06	.50	1.7	2.6	.07	.08	13	63	76
		3-21-73	1410	610	24.0	9.2	3.9	80	7	8.2	250	.22	.04	.20	1.5	2.0	.04	.05	45	59	84
		6-19-73	1520	580	28.0	6.9	2.1	80	10	7.7	210	.31	.04	.20	1.4	2.0	.20	.22	36	48	84
		8-30-73	-	660	27.0	-	2.0	80	10	7.8	250	.53	.05	.20	2.1	2.9	.09	.10	13	60	73
		9-24-73	1435	-	-	1.7	1.9	-	15	-	-	.50	.06	.70	1.5	2.8	.14	.17	-	-	-
		1-18-74	1120	720	23.0	1.5	2.8	-	7	7.7	-	.45	.05	.20	1.1	1.8	.06	.08	29	69	98
		4-18-74	1125	650	27.0	5.7	1.9	90	7	8.3	250	.03	.06	.48	1.4	2.0	.03	.05	-	-	-
		7-23-74	1345	650	31.0	4.7	3.9	-	8	7.9	220	.10	.05	.13	1.8	2.1	.10	.15	15	57	72
		10-23-74	1500	600	22.5	5.2	1.2	-	6	7.8	-	.23	.07	.53	1.5	2.3	.07	.08	22	55	77

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3. --Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
South New River Canal	41	9-30-70	1710	18000	31.0	3.7	0.7	30	3	7.8	190	0.20	0.02	0.10	0.44	0.76	0.05	0.06	–	–	–
		1-14-71	1315	40000	24.0	7.0	0.7	20	4	7.7	160	.27	.01	.10	.18	.56	.06	.06	–	–	–
		4-15-71	–	39000	23.0	–	2.1	20	5	7.7	150	.18	.00	.00	.37	.55	.02	.04	6	31	37
		7-13-71	1330	18000	–	12.0	1.3	40	4	7.3	210	.36	.01	.00	.73	1.1	.01	.02	16	46	62
		9-22-71	1505	13000	30.0	11.0	1.6	45	15	6.9	210	.22	.03	.10	1.2	1.6	.06	.09	23	50	73
		1- 6-72	1245	23000	25.0	5.6	1.6	30	8	7.9	200	.24	–	–	.69	–	.03	.05	6	49	56
		4- 3-72	1425	8900	24.0	12.1	2.1	40	9	7.2	240	.48	.01	.20	.66	1.4	.09	.11	–	–	–
		6-15-72	1310	4100	28.0	6.0	1.0	50	2	7.7	–	.40	.04	.20	1.0	1.6	.05	.07	–	–	–
		7-27-72	1240	14000	29.0	4.4	2.4	40	4	7.9	210	.21	.02	.10	.83	1.2	.04	.04	19	38	57
		1-18-73	1240	32000	23.0	6.0	2.2	20	3	8.0	190	.24	.01	.10	1.4	1.8	.05	.05	10	35	45
		3-22-73	1440	39000	23.0	9.2	2.3	20	6	7.9	160	.12	.01	.00	.38	.51	.03	.04	11	38	49
		6-20-73	1305	17000	29.0	8.4	8.5	30	8	7.2	180	.10	.01	.20	.68	.99	.03	.06	22	40	62
		8-29-73	–	13000	28.5	–	2.4	40	5	8.0	220	.24	.03	.10	1.1	1.5	.04	.05	3	54	57
		9-24-73	1205	–	–	3.5	1.4	45	7	–	–	.41	.03	.20	.54	1.2	.06	.08	6	54	60
		1-18-74	1220	25000	24.0	3.8	1.5	–	5	7.7	–	.38	.03	.20	.49	1.1	.06	.06	13	59	72
		4-18-74	1445	39000	25.0	10.4	6.1	10	9	8.0	170	.02	.00	.00	.58	.60	.01	.03	4	39	43
		7-23-74	1040	29000	31.0	4.8	1.7	–	3	7.8	200	.12	.02	.09	.54	.77	.03	.06	2	47	49
		10-23-74	1120	13000	23.0	5.4	1.7	–	6	7.8	–	.35	.04	.20	.68	1.3	.06	.06	9	57	66

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3. --Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
South New River Canal	24	2-25-69	-	30000	23.0	-	4.0	20	20	7.5	180	0.02	0.01	0.10	0.67	0.80	0.04	0.12	-	-	-
		6-16-69	-	12000	28.0	-	1.0	45	15	7.9	210	.00	.02	.10	.86	.98	-	.09	-	-	-
		2-13-70	-	11000	20.0	-	-	45	10	7.7	220	.19	.33	.00	.86	1.3	.06	.06	-	-	-
		7-13-71	1345	26000	-	6.5	1.0	30	3	7.2	180	.19	.01	.00	.43	.63	.02	.02	14	37	51
		9-22-71	1445	15000	29.0	7.2	0.9	45	10	6.8	210	.22	.03	.10	1.0	1.4	.13	.14	14	49	63
		1- 6-72	1255	28000	25.0	6.0	0.9	35	10	7.9	190	.32	.02	.10	.93	1.4	.08	.08	5	48	53
		4- 3-72	1405	22000	24.0	8.2	1.6	40	7	7.2	180	.49	.02	.20	.65	1.3	.09	.12	9	48	57
		6-15-75	1300	19000	28.0	5.2	0.0	45	4	7.7	-	.30	.03	.20	.94	1.5	.06	.12	-	-	-
		9-27-72	1250	16000	29.0	4.2	1.4	50	1	7.8	200	.21	.02	.20	.73	1.2	.05	.06	17	38	55
		1-18-73	1230	40000	23.0	6.0	2.9	20	15	7.9	150	.23	.01	.20	.49	.93	.09	.09	6	33	39
		3-22-73	1430	45000	24.5	7.2	3.3	15	6	7.9	150	.16	.01	.10	.25	.52	.05	.08	22	34	56
		6-19-73	1250	39000	30.0	7.5	0.9	20	10	7.3	150	.20	.02	.10	.48	.80	.04	.06	30	28	58
		8-29-73	-	31000	29.5	-	2.1	20	7	8.1	170	.17	.02	.10	.66	.95	.04	.04	1	41	42
		9-24-73	1155	-	-	3.1	1.4	50	6	-	-	.33	.02	.2	.72	1.1	.08	.08	12	48	60
		1-18-74	1215	31000	25.0	3.9	1.4	-	7	7.7	-	.23	.02	.2	.27	.72	.07	.08	6	44	50
		4-18-74	1500	41000	25.0	6.7	1.8	8	10	8.1	150	.09	.01	.12	.45	.67	.03	.05	5	36	41
		7-23-74	1000	33000	30.5	4.0	1.2	-	4	7.5	160	.10	.02	.10	.38	.60	.04	.06	4	41	45
		10-23-74	1140	25000	23.5	5.8	0.4	-	5	7.8	-	.23	.02	.28	.70	1.2	.06	.06	8	53	61

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
Davie Road Canal	42	9-30-70	1320	590	30.0	1.2	0.5	80	20	8.2	250	2.2	0.05	0.20	-	-	0.46	0.55	-	-	-
		1-14-71	1550	610	24.0	0.6	4.6	100	30	8.0	270	1.9	.03	.10	2.2	4.2	.29	.36	-	-	-
		4- 7-71	-	570	21.5	-	7.5	70	40	7.8	260	1.7	.11	.30	1.8	3.9	.52	.59	42	68	110
		7- 1-71	1425	600	-	0.4	7.7	65	25	6.4	67	24.8	.01	.00	19.0	44.0	8.5	8.5	30	38	68
		1- 5-72	1335	540	25.5	0.3	8.1	60	20	7.4	160	1.0	1.6	.20	.14	2.9	2.4	2.9	27	45	72
		4- 4-72	1450	510	22.0	17.2	7.7	60	10	7.0	160	5.2	.01	.00	2.1	7.3	1.4	1.4	21	48	69
		6-19-72	1345	-	27.0	15.0	7.1	-	10	-	-	2.9	.07	.10	2.0	5.1	1.6	1.7	-	-	-
		9-27-72	1320	550	29.0	6.4	7.5	70	4	7.8	110	-	.28	.30	1.4	-	4.9	5.2	18	26	44
		1-16-73	1300	540	19.0	4.6	3.8	60	10	7.4	170	3.4	.13	.50	2.0	6.0	1.4	1.7	15	49	64
		3-22-73	1500	650	24.0	7.0	1.0	45	8	8.2	220	.13	.02	.10	1.0	1.2	.06	.07	12	58	70
		6-20-73	1330	540	28.0	10.5	1.2	50	15	6.6	66	9.4	.01	.00	1.8	11.0	3.5	3.6	38	32	70
		8-29-73	-	510	27.0	-	4.5	70	5	7.9	-	1.8	.04	.00	-	-	.88	.90	7	49	56
		9-24-73	1250	-	-	3.5	4.2	70	9	-	-	1.7	.09	.20	1.6	3.6	-	-	7	49	56
		1-18-74	1240	710	23.0	1.9	4.2	-	6	7.6	-	3.4	.05	.00	1.4	4.9	1.1	1.1	29	55	84
		4-18-74	1420	680	25.0	4.0	1.5	40	3	7.7	210	.05	.04	.00	1.3	1.4	.01	.02	22	43	65
		7-23-74	1120	780	21.0	4.8	4.5	-	4	7.5	220	.14	.01	.01	1.7	1.9	.55	.60	13	49	62
		10-23-74	1240	790	23.0	1.8	1.5	-	3	7.8	-	4.9	.11	.15	1.5	6.7	1.6	1.6	29	53	79

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 3.--Concentrations of macronutrients and oxygen-related parameters in surface water.

(milligrams per litre)

CANAL	Station Number	Date * of Collection	Time	Specific Conductance 1/	Temperature (°C)	Dissolved Oxygen	Biochemical Oxygen Demand	Color (PCS) 2/	Turbidity (JTU) 3/	pH	Alkalinity as $CaCO_3$	Nitrogen species					Phosphorus (P) as P		Carbon (C)		
												Ammonia (NH_3-N)	Nitrite (NO_2-N)	Nitrate (NO_3-N)	Organic (N)	Total (N)	Ortho Phosphate	Total Phosphorus	Organic Carbon	Inorganic Carbon	Total Carbon
Snake Creek Canal	43	9-30-70	1340	580	24.0	3.0	0.2	40	40	8.1	240	0.33	0.02	0.10	0.52	0.97	0.01	0.02	-	-	-
		1-14-71	1510	670	24.0	1.7	0.5	40	10	8.2	240	.15	.01	.10	.56	.82	.00	.02	-	-	-
		4- 7-71	-	660	22.0	-	1.0	40	15	8.1	240	.28	.00	.20	1.0	1.5	.01	.01	77	59	136
		7-20-71	1105	670	-	2.3	0.4	50	25	7.2	240	.08	.01	.00	2.1	2.2	.01	.01	28	52	80
		9-22-71	1105	-	-	1.6	0.6	-	15	-	-	.26	.01	.10	1.2	1.6	.01	.01	40	56	96
		1- 6-72	1350	640	24.0	2.0	1.2	50	20	8.0	230	.32	.02	.10	1.8	2.2	.01	.02	-	-	-
		4- 4-72	1510	630	22.0	4.8	0.5	60	10	7.6	240	.23	.02	.20	1.2	1.7	.00	.02	16	65	81
		6-15-72	1400	640	25.0	2.8	0.7	80	4	7.8	-	.12	.01	.10	1.2	1.4	.01	.03	-	-	-
		9-27-72	1340	640	26.0	1.8	1.0	60	7	7.8	230	.21	.01	1.9	1.4	3.5	.00	.01	21	42	63
		1-16-73	1315	640	22.0	2.4	0.7	60	4	7.7	240	.21	.01	.10	.94	1.3	.01	.00	9	61	70
		3-20-73	1525	650	26.0	6.1	0.3	45	5	8.3	240	.19	.01	.20	.89	1.3	.00	-	24	58	82
		6-19-73	1400	650	26.0	3.8	0.3	50	10	8.0	230	.14	.01	.10	.91	1.3	.01	.00	39	54	93
		8-29-73	-	640	24.5	-	1.8	60	3	7.9	240	.25	.01	.00	1.7	2.0	.00	.01	5	63	68
		9-24-73	1310	-	-	2.2	1.0	70	6	-	-	.25	.02	.20	1.0	1.5	.01	.03	12	54	66
		1-18-74	1300	770	23.0	1.8	1.2	-	7	7.5	-	.16	.01	.10	1.4	1.7	.03	.02	25	64	89
		4-18-74	1400	710	25.0	5.6	1.4	40	5	7.5	190	.09	.06	.24	1.4	1.8	.02	.02	23	47	70
		7-23-74	1140	650	27.0	2.6	0.7	-	3	7.6	270	.10	.02	.09	1.2	1.3	.01	.04	12	64	76
		10-23-74	1310	610	22.5	5.7	0.5	-	5	7.9	-	.15	.01	.09	1.1	1.4	.01	.02	56	19	75

1/ Micromhos at 25°C

2/ Platinum-Cobalt Standard

3/ Jackson Turbidity Units

* Dates approximate for diel oxygen measurements

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
Hillsboro Canal	35	9-29-70	-	30	160	10	10	40	10	4	60	-	-
		1-13-71	100	30	50	10	10	30	10	10	40	0.07	3.0
		4-14-71	80	10	2,100	0	0	40	0	0	40	.08	8.0
		7-15-71	-	0	210	0	0	40	10	3	50	.00	.0
		9-22-71	-	10	-	0	0	80	10	9	20	-	-
		12-14-71	-	20	100	0	10	60	10	2	10	.07	-
		4-7-72	-	30	640	0	0	70	10	56	10	.09	5.3
		5-9-72	-	30	-	0	0	140	10	0	10	-	-
		9-25-72	-	10	-	-	0	70	10	3	10	-	17
		1-19-73	-	10	-	0	0	80	10	4	10	-	8.4
		3-29-73	-	8	-	0	0	40	0	2	10	.01	-
		6-29-73	-	9	-	0	1	150	10	0	0	-	11
		4-18-74	-	4	-	0	23	-	80	16	70	.10	1.0

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
Hillsboro Canal	34	9-30-70	-	10	70	0	0	120	30	20	10	-	-
		1-13-71	110	20	50	0	0	800	10	10	10	0.09	2.0
		4-14-71	0	20	1500	0	10	60	0	0	80	.05	12
		7-15-71	-	10	180	0	10	70	20	2	50	.10	2.9
		10-8-71	-	10	180	0	10	120	10	1	30	.07	24
		12-14-71	-	20	0	0	10	120	10	2	20	.07	-
		4-7-72	-	30	0	0	0	180	20	0	10	.07	1.6
		9-25-72	-	10	-	-	0	210	20	3	30	-	15
		1-19-73	-	10	-	0	0	190	20	43	50	-	4.4
		3-29-73	-	8	-	0	0	70	0	1	0	.01	-
		6-29-73	-	14	-	10	10	190	20	3	0	-	10
		4-18-74	-	2	-	0	30	30	80	25	100	.09	0

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
Hillsboro Canal	1	2-24-69	390	-	-	10	0	30	10	40	10	-	-
		6-17-69	40	20	-	10	0	70	10	0	0	-	-
		2-13-70	0	10	50	0	0	50	10	20	20	0.00	4.8
		9-29-70	-	10	80	10	10	100	30	0	60	-	-
		1-13-71	70	10	50	10	0	150	20	10	40	.07	2.0
		4-14-71	30	10	850	0	0	100	0	0	90	.05	10
		7-15-71	-	10	70	0	10	100	10	0	70	.04	-
		9-22-71	-	10	120	0	10	140	20	2	20	.10	9.5
		12-14-71	-	0	1,200	0	20	80	10	1	40	.05	-
		4-7-72	-	30	660	0	0	110	20	1	200	.04	6.1
		9-25-72	-	10	-	-	0	150	10	4	10	-	14.
		1-19-73	-	10	-	0	0	110	10	4	10	-	9.8
		3-29-73	-	8	-	0	0	190	10	8	20	.00	10.
		7-5-73	-	4	-	0	10	210	20	4	0	-	12.
		4-18-74	-	1	-	0	20	410	50	20	30	.00	6.0

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
Pompano Canal	4	3-3-69	-	-	-	0	0	10	-	0	0	-	-
		6-19-	0	10	80	0	10	90	0	10	20	-	-
		2-16-70	0	10	60	10	0	70	10	20	10	0.07	4.4
		9-29-70	-	0	100	0	10	80	10	5	60	-	-
		1-13-71	30	20	40	0	0	30	10	10	30	.07	2.0
		4-17-71	20	10	1,200	0	10	50	0	10	50	.04	8.0
		3-28-73	-	7	-	0	10	120	20	1	10	.00	11.
		7-5-73	-	4	-	0	0	210	20	20	0	-	13.
		4-18-74	-	-	-	-	-	240	50	-	-	-	8.0
Pompano Canal	5	2-28-69	300	-	-	0	10	140	10	8	10	-	-
		6-18-69	0	10	80	0	0	90	10	0	10	-	-
		2-18-70	0	0	120	0	10	50	10	10	20	0.00	2.8
		9-30-70	-	20	80	0	0	60	20	0	30	-	-
		1-13-71	140	20	40	10	0	50	0	10	50	.08	.0
		4-14-71	60	-	1,500	0	0	60	0	0	40	.08	11.
		7-19-71	-	0	300	0	0	30	10	5	100	.10	22.
		10-8-71	10	-	140	0	10	40	10	2	50	0.0	.9
		12-14-71	-	10	1,200	0	10	20	0	2	10	.07	-
		4-6-71	-	20	500	0	0	170	10	2	20	.02	6.7
		9-26-72	-	10	-	-	0	150	20	4	20	-	11.
		1-19-73	-	10	-	0	20	130	20	7	20	-	11.
		3-28-73	-	10	-	0	10	20	0	1	10	.02	10.
		6-28-73	-	10	-	0	0	120	10	6	0	-	9.0
		4-18-74	-	0	-	0	30	160	80	25	50	.03	2.0

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
Pompano Canal	7	2-28-69	180	-	-	-	0	50	0	20	10	-	-
		6-18-69	200	0	-	0	0	30	10	0	0	-	-
		2-18-70	0	0	30	0	0	70	10	10	20	0.00	2.6
		7-15-71	-	1	100	0	10	30	0	3	70	.05	-
		9-22-71	-	10	110	0	10	60	10	4	20	.01	6.2
		12-14-71	-	10	900	0	10	20	0	2	20	.11	-
		4-6-72	-	20	330	0	0	160	0	7	20	.05	3.0
		9-25-72	-	10	-	0	0	610	10	34	20	-	10.
		1-19-73	-	10	-	0	0	150	10	11	20	-	12.
		3-28-73	-	10	-	0	0	110	0	16	10	.00	10.
		7-5-73	-	4	-	0	0	300	20	35	0	-	11.
		4-18-74	-	4	-	0	10	200	20	30	230	.31	8.0

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
Pompano Canal	10	2-24-69	250	-	-	-	10	50	0	30	0	-	-
		6-17-69	0	0	110	0	0	12,000	10	0	20	-	-
		2-10-70	0	0	60	0	0	30	0	10	10	0.03	3.3
		9-30-70	-	20	60	0	10	40	0	5	70	-	-
		1-14-71	150	20	30	0	10	30	0	10	30	.06	4.0
		4-8-71	30	10	1,000	0	10	40	0	0	50	.08	1.0
		7-15-71	-	1	100	0	10	30	0	3	70	.05	-
		10-4-71	-	10	120	-	0	40	10	2	20	0	1.2
		12-14-71	-	10	800	1	0	0	0	2	20	.06	-
		4-6-72	-	20	350	0	0	140	10	10	10	.03	7.1
		9-25-72	-	10	-	-	0	110	50	2	10	-	15.
		1-19-73	-	10	-	0	0	10	0	3	10	-	11.
		3-28-73	-	7	-	-	0	60	0	3	10	.05	10.
		7-5-73	-	6	-	0	0	70	20	0	0	-	12.
		4-18-74	-	0	-	0	20	300	50	20	50	.11	7.0

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
Middle River Canal	37	9-30-70	60	0	20	10	0	420	20	0	30	-	-
		7-14-71	80	10	20	0	0	230	20	10	60	0.06	3.0
		4-9-71	20	10	850	0	0	70	0	0	50	.04	10.
		7-14-71	-	10	130	0	10	50	0	4	70	.00	0.0
		10-8-71	-	10	90	0	10	180	10	2	20	.13	10.
		1-6-71	-	0	400	0	0	230	10	3	30	.07	-
		4-5-72	-	10	400	0	0	280	10	0	20	.02	8.6
		9-26-72	-	10	-	-	0	600	20	7	10	-	10.
		1-19-73	-	10	-	0	0	320	0	3	20	-	9.4
		3-23-73	-	7	-	0	0	230	10	3	30	.00	9.3
		6-29-73	-	11	-	0	10	110	10	2		-	11.
		4-18-74	-	12	-	0	10	50	0	14	240	.08	7.0

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
Middle River Canal	36	9-30-70	70	0	20	10	0	370	10	4	20	-	-
		1-14-71	90	10	20	0	10	80	10	10	50	0.06	73.
		4-15-71	80	10	1300	0	10	120	0	0	270	.07	15.
		7-14-71	-	0	100	0	10	50	10	1	50	.00	5.1
		10-8-71	-	10	70	0	10	40	0	7	20	.00	29.
		12-14-71	-	10	500	0	0	30	0	1	40	.09	-
		4-5-72	-	20	390	0	0	180	10	0	10	.03	7.3
		9-26-72	-	10		0	0	110	20	2	10	-	7.8
		1-19-73	-	10	-	0	0	290	10	6	30	-	1.0
		3-23-73	-	8	-	0	0	430	20	7	20	.02	-
		6-29-73	-	18	-	0	10	140	10	2	0	-	9.5
		4-18-74	-	2	-	0	20	80	40	7	10	.05	10.

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
Middle River Canal	11	2-25-69	190	10	-	0	0	50	0	30	10	-	-
		6-18-69	300	10	-	0	0	50	10	0	0	-	-
		2-13-70	0	10	40	0	10	70	10	20	20	0.06	-
		1-14-71	90	10	60	10	10	30	0	0	50	.09	4.0
		10-8-71	-	10	100	0	10	100	20	0	290	.03	33.
		12-14-71	-	20	1,400	0	0	20	10	1	50	.07	-
		4-6-72	-	10	480	0	0	130	0	8	20	.04	7.3
		9-25-72	-	10	-	-	0	110	20	4	10	-	-
		1-19-73	-	6	-	0	10	300	20	12	20	-	10.
		3-23-73	-	9	-	0	10	170	10	11	30	.04	19.
		6-28-73	-	5	-	0	0	160	20	2	0	-	-
		7-6-73	-	-	-	-	10	120	10	3	0	-	13.
		4-18-74	-	4	-	0	20	140	0	17	130	.00	-
Middle River Canal	30	1-14-71	110	10	30	0	0	40	10	10	70	.04	2.0
		4-14-71	50	10	1,200	0	0	50	0	0	50	.05	-
		7-15-71	-	10	20	0	10	40	0	7	50	.04	-
		12-15-71	-	10	1,100	-	10	30	0	1	10	.02	-
		9-25-72	-	10	-	-	0	80	40	5	20	-	11.
		1-19-73	-	10	-	0	0	60	10	15	10	-	10.
		3-28-73	-	6	-	0	0	100	0	5	10	.01	-
		7-6-73	-	5	-	0	0	120	10	5	0	-	11.
		4-18-74	-	4	-	0	30	230	20	20	140	.07	6.0

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
Plantation Canal	14	2-28-69	300	10	90	0	10	80	10	16	10	-	-
		6-17-69	0	0	190	10	10	150	10	10	20	-	-
		2-17-70	0	0	200	0	10	100	10	10	20	0.13	3.9
		9-30-70	-	10	340	0	10	70	20	0	50	-	-
		1-13-71	70	20	180	0	10	150	20	10	80	.24	16.
		4-15-71	30	10	3000	0	10	170	10	1	60	.40	12.
		10-12-71	-	10	340	0	10	60	10	7	30	.20	3.1
		1-7-72	-	20	2500	0	10	40	10	40	30	.21	-
		4-5-72	-	10	930	0	10	200	10	10	20	.10	10.
		9-28-72	-	10	-	0	0	180	20	3	10	-	0.7
		1-6-73	-	10	-	10	0	170	10	2	40	-	7.3
		3-23-73	-	12	-	0	10	250	20	23	70	.18	-
		6-28-73	-	8	-	0	10	260	10	9	0	-	56.
		4-18-74	-	5	-	0	10	0	30	18	17000	.25	3.0

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
Plantation Canal	15	2-28-69	160	30	90	0	10	120	0	15	10	-	-
		6-17-69	300	10	100	0	0	1,300	0	0	20	-	-
		2-17-70	0	0	160	2	10	150	10	0	30	-	-
		10-29-70	0	0	-	-	10	200	10	4	570	0.10	-
		4-15-71	-	20	600	0	20	80	0	3	50	-	14.
		7-1-71	40	0	690	0	0	130	20	0	70	.32	3.3
		9-9-71	-	10	-	0	0	50	20	1	70	.30	-
		1-7-72	-	20	3,800	0	10	170	10	6	160	-	-
		4-5-72	-	20	870	0	10	340	10	7	20	-	2.3
		5-9-72	-	-	-	0	0	220	10	4	10	.10	-
		9-28-72	-	10	-	30	0	180	10	11	10	-	9.2
		1-6-73	-	10	-	20	10	280	10	6	20	-	-
		3-23-73	-	10	-	0	20	370	20	35	80	-	-
		6-28-73	1100	10	-	0	4	480	10	8	0	-	10.
		9-24-73	-	10	-	30	0	180	10	11	10	-	9.2
		4-18-74	-	10	-	0	26	560	40	24	290	.52	26.

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
Plantation Canal	16	2-27-69	280	-	-	10	0	310	0	30	20	-	-
		6-16-69	0	-	80	0	10	160	10	0	20	-	-
		2-17-70	0	10	150	10	10	200	10	20	30	0.02	5.7
		9-30-70	-	20	120	10	0	100	20	7	70	-	-
		1-13-71	140	10	240	10	20	100	30	10	60	.15	1.0
		4-18-71	60	10	650	0	20	170	20	0	120	.47	13.
		7-15-71	-	10	0	0	10	50	20	5	60	.12	-
		10-12-71	-	10	200	0	10	60	10	4	20	.12	2.2
		1-7-72	-	10	0	0	10	40	20	4	20	.16	-
		4-5-72	-	20	600	0	10	420	10	10	30	.07	1.2
		9-28-72	-	10	-	10	-	320	10	8	20	-	11.
		1-6-73	-	10	-	0	10	210	10	8	30	-	6.7
		3-23-73	-	10	-	0	10	200	20	7	50	.18	-
		6-28-73	-	10	-	0	10	290	10	12	0	-	13.
		1-18-74	-	10	-	0	20	240	0	4	50	-	-
		4-18-74	-	0	-	0	20	2,400	40	13	90	.25	10.

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
Plantation Canal	17	2-27-69	820	-	-	10	0	80	0	50	10	-	-
		6-16-69	0	10	120	0	0	160	10	10	20	-	-
		2-17-70	0	0	200	0	0	120	10	10	20	0.10	5.4
		7-15-71	0	0	1,900	0	40	70	10	0	70	.39	-
		9-29-71	-	-	1,400	0	40	30	10	2	20	.30	12.
		1-7-72	-	10	1,000	0	20	50	10	3	50	.22	-
		4-4-72	-	20	180	0	0	250	10	0	20	.19	6.3
		9-28-72	-	10	-	10	0	190	10	8	20	-	11.
		1-6-73	-	10	-	0	20	100	20	6	60	-	5.8
		3-23-73	-	0	-	0	40	150	20	4	0	.44	-
		6-28-73	-	10	-	0	10	140	10	3	0	-	11.
		4-18-74	-	10	-	0	20	180	140	80	60	.06	41.

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
North New River Canal	20	3-3-69	470	10	-	0	0	250	20	30	60	-	-
		6-18-69	500	0	-	0	0	90	10	0	0	-	-
		2-16-70	0	10	-	10	10	200	20	30	10	-	3.7
		9-29-70	-	20	100	0	0	250	20	3	40	0.00	-
		1-14-71	80	0	90	10	0	340	30	10	60	-	0.0
		4-4-71	0	0	40	0	0	40	0	0	60	.03	2.0
		7-13-71	-	0	850	0	10	50	10	2	70	.05	1.6
		10-8-71	-	100	170	0	10	60	0	2	20	.00	-
		12-15-71	-	200	100	0	0	240	20	2	20	.03	6.1
		4-4-72	-	-	110	0	0	380	20	0	10	.08	-
		6-15-72	-	-	640	-	-	-	-	-	-	-	-
		9-26-72	-	10	-	-	0	180	20	3	10	-	-
		1-16-73	-	10	-	0	0	360	20	4	10	.15	15.
		3-21-73	-	10	-	0	0	660	30	1	30	-	9.4
		6-20-73	-	10	-	0	10	120	10	2	0	-	-
		4-18-74	-	0	-	0	10	50	60	-	80	.05	-

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4.--Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
North New River Canal	38	9-30-70	60	30	70	0	0	440	20	0	20	-	0.0
		1-13-71	40	20	40	0	10	30	20	10	60	0.08	0
		4-15-71	50	10	950	10	10	110	0	0	50	.05	8.
		7-13-71	-	20	150	0	0	70	0	2	70	.00	2.6
		10-8-71	-	10	90	0	10	90	0	22	100	.00	8.4
		1-6-72	-	0	800	0	10	70	20	6	60	.08	-
		4-4-72	-	20	560	0	0	520	10	0	20	.00	1.0
		9-26-72	-	10	-	-	0	570	10	5	10	-	9.6
		1-16-73	-	10	-	0	0	240	10	0	30	-	6.9
		3-21-73	-	5	-	0	0	490	10	0	30	.01	14.
		6-29-73	-	8	-	0	0	350	40	0	0	-	9.5
		4-18-74	-	2	-	0	6	140	40	32	410	.04	14.

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
North New River Canal	21	2-27-69	320	-	-	10	0	330	0	10	10	-	-
		6-16-69	0	10	-	20	0	260	20	0	20	-	-
		2-17-70	0	0	130	0	0	330	20	10	30	0.05	-
		9-29-70	280	10	20	0	0	370	20	10	30	-	1.1
		1-13-71	100	10	40	0	0	130	10	10	40	.03	1.0
		4-9-71	20	0	900	0	0	40	0	0	50	.07	0.0
		7-13-71	-	10	130	0	10	50	10	3	70	.04	-
		10-12-71	-	10	90	0	10	30	0	4	20	.00	5.8
		12-15-71	-	10	800	0	0	110	10	1	10	.03	-
		4-4-72	-	20	550	0	0	410	20	10	10	.04	5.6
		9-27-72	-	10	-	-	0	260	10	11	10	-	8.8
		1-16-73	-	10	-	0	0	120	50	22	20	-	7.5
		3-21-73	-	6	-	0	0	200	10	10	30	.21	14.
		6-20-73	-	7	-	0	0	80	0	2	0	-	11.
		4-18-74	-	3	-	0	13	-	40	13	12	.03	17.

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
North New River Canal	22	2-27-69	340	-	-	10	0	130	0	30	0	-	-
		6-16-69	300	10	-	0	0	620	20	0	0	-	-
		2-17-70	0	0	20	0	0	260	10	10	20	0.02	-
		9-29-70	-	10	40	0	0	160	20	20	50	-	-
		1-31-71	130	10	230	20	30	50	20	10	40	.11	0
		4-15-71	70	10	900	0	30	100	10	0	50	.40	6
		7-13-71	-	0	300	0	20	40	10	4	80	.10	11.
		9-28-71	-	20	10	0	20	40	10	2	20	.10	19.
		12-15-71	-	0	700	0	20	30	10	1	40	.48	-
		4-4-72	-	20	0	0	0	440	20	0	10	.11	4.1
		9-28-72	-	0	-	10	0	260	10	5	10	-	11.
		1-18-73	-	-	-	0	20	230	20	11	20	-	6.4
		3-22-73	-	5	-	0	20	170	20	5	40	.20	-
		7-6-73	-	4	-	0	10	210	10	15	0	-	12.
		4-18-74	-	4	-	0	15	220	60	24	270	.13	-

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4.--Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
South New River Canal	39	2-29-70	60	20	100	10	0	140	10	10	30	-	0
		1-14-71	70	10	30	10	10	110	20	10	40	0.04	0
		4-9-71	50	10	650	0	0	80	10	0	70	.03	10.
		7-13-71	90	0	150	0	0	290	20	0	0	.00	0
		9-21-71	-	10	90	0	10	260	10	5	40	.00	9.
		1-6-72	-	10	800	0	10	170	10	5	60	.07	-
		4-4-72	-	10	360	0	0	850	20	41	20	.02	60.
		9-27-72	-	10	-	-	0	720	10	3	20	-	11.
		1-16-73	-	10	-	0	0	300	10	4	10	-	6.9
		3-20-73	-	5	-	0	10	790	30	4	40	.00	15.
		6-20-73	-	6	-	0	0	1,100	10	1	0	-	10.
		4-18-74	-	4	-	0	14	-	0	18	110	.01	0
South New River Canal	40	9-29-70	100	30	70	0	0	300	10	0	50	-	0
		1-14-71	150	10	30	10	0	160	10	10	50	0.04	0
		4-7-71	40	10	1,200	0	0	40	0	0	50	.06	12.
		7-13-71	-	10	120	0	10	70	10	1	60	.04	0
		9-21-71	-	0	20	0	30	60	0	2	20	.00	6.6
		1-6-72	-	-	80	-	-	-	-	-	-	-	-
		9-26-72	-	10	-	0	0	300	10	5	10	-	8.2
		1-16-73	-	10	-	0	10	90	10	11	20	.01	7.2
		3-20-73	-	5	-	0	10	140	70	3	30	-	15.
		6-19-73	-	8	-	0	0	120	10	4	0	-	-
		4-18-74	-	7	-	0	16	260	40	67	180	.01	4.

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
South New River Canal	23	2-25-69	200	-	-	0	0	350	0	10	0	-	-
		6-16-69	0	10	60	10	0	380	10	0	10	-	-
		2-12-70	0	10	40	0	0	130	0	0	20	0.00	-
		9-29-70	-	0	30	0	0	220	20	12	40	-	-
		1-4-71	90	20	30	10	0	180	20	10	40	.04	1.0
		4-7-71	0	10	760	0	0	80	0	0	60	.10	1.
		7-12-71	-	0	130	0	10	140	20	1	90	.10	-
		9-21-71	-	10	40	0	10	180	20	3	20	.00	13.
		1-6-72	-	10	500	0	0	140	20	3	50	.09	-
		4-3-72	-	20	360	0	10	520	10	3	10	.04	6.6
		9-28-72	-	10	-	10	0	420	20	5	10	-	15.
		1-16-73	-	0	-	0	10	420	20	16	20	8.0	
		3-21-73	-	10	-	0	0	220	20	2	20	-	10.
		6-19-73	-	10	-	0	10	410	30	10	0	-	12.
		4-18-74	-	1	-	0	15	-	0	16	50	.06	3.

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
South New River Canal	41	9-30-70	160	20	1,500	20	20	100	20	0	120	-	0.7
		1-14-71	260	0	210	40	50	120	40	10	50	0.23	0
		4-15-71	80	0	780	0	40	140	30	0	70	.90	8.0
		7-13-71	-	0	1,500	0	20	90	30	3	10	.30	0
		9-22-71	-	10	1,500	0	30	30	10	2	30	.25	8.6
		1-6-72	-	10	1,600	0	30	50	20	4	30	.48	-
		4-3-72	-	20	470	0	10	350	20	28	10	.38	2.7
		7-27-72	-	10	-	-	-	150	10	6	20	-	9.7
		1-18-73	-	10	-	0	40	120	30	5	20	-	8.2
		6-20-73	-	7	-	0	20	24	20	8	0	-	11.
		8-29-73	-	6	-	-	-	-	-	-	-	-	-
		4-18-74	-	12	-	0	13	160	70	38	230	.20	6.

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
South New River Canal	24	2-25-69	1,400	10	2,400	30	-	40	10	13	10	-	-
		6-16-69	400	0	1,500	20	-	140	10	0	20	-	-
		2-13-70	40	0	920	20	-	120	10	10	20	0.11	3.
		7-13-71	-	0	2,200	0	-	70	20	0	80	.33	-
		9-22-71	-	0	1,600	0	-	40	30	2	160	.27	11.
		1-6-72	-	0	1,700	0	-	50	20	9	30	.52	-
		4-3-72	-	10	1,300	0	-	250	20	3	30	.88	4.1
		9-27-72	-	10	-	-	-	140	20	5	10	-	11.
		1-18-73	-	10	-	0	-	180	30	12	20	-	6.4
		3-22-73	-	7	-	0	-	120	20	0	40	.12	14.
		6-19-73	-	5	-	0	-	250	30	12	0	-	13.
		4-18-74	-	10	-	0	-	-	10	20	20	.05	7.

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
Davie Road Canal	42	9-30-70	10	30	110	0	10	130	30	0	50	-	0.5
		1-14-71	30	20	30	0	0	110	30	10	80	0.05	1.
		4-7-71	50	10	850	0	0	130	30	0	160	.08	2.
		7-1-71	-	20	940	0	10	200	30	10	60	.20	17.
		1-5-72	-	10	1,300	0	10	60	10	4	30	.14	.2
		4-4-72	-	30	1,200	0	0	320	20	0	30	.10	5.3
		9-27-72	-	-	-	-	10	170	20	5	20	-	10.
		1-16-73	-	10	-	0	20	360	10	12	100	-	6.9
		3-22-73	-	10	-	0	0	130	10	5	30	.02	13.
		6-20-73	-	20	-	0	10	350	20	8	0	-	13.
		4-18-74	-	1	-	0	13	470	0	33	130	.06	6.

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 4. --Concentrations of trace metals, detergents, and oil and grease in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aluminum (Al)	Arsenic (As)	Boron (B)	Chromium (Cr^{+6})	Copper (Cu)	Iron (Fe)	Manganese (Mn)	Lead (Pb)	Zinc (Zn)	Detergents * (MBAS) 1/	Oil and * Grease
Snake Creek Canal	43	9-30-70	60	20	370	0	10	290	20	10	30	-	1.4
		1-14-71	60	10	10	0	0	220	20	10	30	0.03	1.0
		4-7-71	0	10	760	0	0	170	10	0	80	.05	0.0
		7-20-71	-	0	120	0	10	260	20	4	80	.05	-
		9-22-71	-	0	-	0	0	230	10	5	20	-	8.3
		1-6-72	-	0	200	0	0	200	10	4	80	.07	-
		4-4-72	-	10	550	0	0	610	20	2	10	.03	6.0
		9-27-72	-	10	-	0	0	630	20	3	10	-	10.
		1-16-73	-	10	-	0	10	630	20	3	20	.01	7.9
		3-20-73	-	4	-	0	10	480	10	1	20	-	15.
		6-19-73	-	5	-	0	0	410	10	3	0	-	-
		4-18-74	-	-	-	-	-	70	0	-	-	-	-

* milligrams per litre

1/ Methylene Blue Active Substance

TABLE 5.--Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Hillsboro Canal	35	11- 6-70	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	0.00	-	-	-	-	-	0.25	0.01	0.50	-
		1-13-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	0.00	.00	0.00	0.00	-	0.00	0.00	.01	T	.21	-
		4-14-71	.00	-	.01	.00	.00	.00	.01	.00	.00	-	.01	.01	.00	.00	-	.00	.00	.00	.00	.01	-
		7-15-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	-	.00	.00	.03	.00	.05	-
		9-22-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	0.00	.00	.00	.00	.00	.00	-
		12-14-71	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.44	.00	.03	0.0
		4- 7-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0.0	.00	.00	.00	.00	.00	.00	.00	.09	.00	.06	0.0
		9-25-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0.0	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	0.0
		1-29-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		3-29-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		6-29-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		4-25-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0.0	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	0.0

1/ Polychlorinated biphenyls T- Trace

TABLE 5.--Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Hillsboro Canal	34	11- 6-70	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	T	-	-	-	-	-	-	-	-	0.11	0.02	0.50	-
		1-13-71	.00	-	.00	.00	.00	.00	.00	.00	0.00	-	0.01	0.00	0.00	0.00	-	0.01	0.00	.00	.00	.01	-
		4-14-71	.00	-	.01	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	-	.00	.00	.00	.00	.02	-
		7-15-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	-	.00	.00	2.6	.00	.02	-
		10- 8-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	0.00	.00	.00	.14	.00	.02	-
		12-14-71	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	0.0
		9-25-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.14	.00	.02	0.0
		1-29-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		3-29-73	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.00	.00	.00	.07	.00	.22	.00	.06	.00	.01	0.0
		6-29-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		4-25-74	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.07	.00	.01	0.0

1/ Polychlorinated biphenyls T- Trace

TABLE 5.--Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Hillsboro Canal	1	2-24-69	0.00	-	0.01	0.00	0.01	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.00	0.00	0.00	-
		9-19-69	.00	-	.01	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	.00	.00	.00	-
		2-13-70	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	.00	.00	.00	-
		11- 6-70	.00	-	.00	.00	.00	.00	.00	.00	.02	-	-	-	-	-	-	-	-	.12	.47	.80	-
		1-13-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	0.00	-	-	-	-	-	.01	.00	.04	-
		4-14-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	.00	0.00	0.00	-	0.00	-	.00	.00	.01	-
		7-15-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	.00	.00	.00	-	.00	0.00	.77	.00	.01	-
		10- 8-71	.00	-	.00	.00	.00	T	.00	.00	.00	-	-	.00	.00	.00	0.00	.00	.00	.16	.00	.08	-
		12-14-71	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	-	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		4- 7-72	.00	0.0	.00	.00	.00	.03	.00	.00	.00	0.0	0.00	.00	.11	.02	.00	.00	.00	.00	.00	.77	0.0
		9-25-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0.0	.00	.00	.06	.00	.00	.00	.00	.02	.00	.00	0.0
		1-31-73	.00	0.0	.00	.00	.00	.11	.00	.00	.00	0.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	0.0
		3-29-73	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0.0	.00	.00	.00	.00	.00	.00	.00	.23	.00	.02	0.0
		7- 5-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		4-25-74	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0.0	.00	.00	.00	.00	.00	.00	.00	.07	.00	.01	0.0

1/ Polychlorinated biphenyls T- Trace

TABLE 5.--Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Pompano Canal	4	3- 3-69	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00	-
		2-16-70	.00	-	.02	.02	.00	.00	.00	.00	0.00	-	-	-	-	-	-	-	-	.00	.00	.00	-
		11- 6-70	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	.00	.00	.01	-
		1-13-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	T	.00	.00	-
		4-17-71	.00	-	.00	.00	.00	.00	.00	.00	.02	-	0.00	0.00	0.00	0.00	-	0.00	0.00	.00	.00	.00	-
		3-28-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	0.00	.00	.00	.04	.00	.00	0.0
		7- 5-73	.01	0.0	.00	.00	.00	.01	.00	.00	.00	0	.02	.00	.00	.00	.00	.00	.00	.47	.00	.00	0.0
		4-25-74	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.01	.00	.00	.00	.00	.00	.00	-	-	-	0.0

1/ Polychlorinated biphenyls T- Trace

TABLE 5.--Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Pompano Canal	5	2-28-69	0.00	-	0.01	0.00	0.01	0.01	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.00	0.02	0.00	-
		9-19-69	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	.00	.00	.00	-
		2-18-70	.00	-	.00	.00	.00	.00	.00	.00	.01	-	-	-	-	-	-	-	-	.01	.00	.00	-
		11- 6-70	.00	-	.01	.00	.00	.00	.00	.00	T	-	-	-	-	-	-	-	-	.02	.00	.02	-
		1-13-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	T	.00	.01	-
		4-14-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	0.00	0.00	0.00	-	-	0.00	-	.00	.00	.01	-
		7-19-71	.00	-	.00	.00	.00	.04	.00	.00	.00	-	.00	.00	.00	0.00	-	.00	0.00	.69	.00	.40	-
		10- 8-71	.00	-	.00	.00	.00	T	.00	.00	.00	-	.00	.00	.00	.00	0.00	.00	.00	.16	.00	.08	-
		12-14-71	.00	0.0	.00	.00	.00	.01	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	0.0
		4- 6-72	.00	0.0	.00	.01	.00	.01	.00	.00	.00	0.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.01	0.0
		9-26-72	.00	0.0	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.00	.22	0.0
		1-31-73	.00	0.0	.00	.00	.00	.01	.00	.00	.00	.00	.03	.00	.00	.00	.00	.20	.00	.24	.00	.13	0.0
		3-28-73	.00	0.0	.00	.00	.00	.01	.00	.00	.00	.00	T	.00	.00	.00	.00	.00	.00	.39	.00	.87	0.0
		6-29-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		4-25-74	.00	0.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.00	.00	0.0

1/ Polychlorinated biphenyls T- Trace

TABLE 5.--Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Pompano Canal	7	2-28-69	0.00	-	0.01	0.00	0.10	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.00	0.00	0.03	-
		9-19-69	.00	-	.00	.00	.00	.00	.00	.00	T	-	-	-	-	-	-	-	-	.00	.00	.00	-
		2-18-70	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	.00	.00	.00	-
		7-15-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	0.00	0.00	0.00	0.00	0.00	0.00	.03	.06	.05	-
		9-22-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	0.00	.00	.00	.00	.00	.00	.00	.60	.00	.00	-
		12-14-71	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.00	.00	.30	0.0
		4- 6-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	0.0
		9-25-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	0.0
		1-31-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		3-28-73	.00	0.0	.00	.00	.00	T	.00	.00	.00	-	T	.00	.00	.00	.00	.00	.00	.04	.00	.69	0.0
		7- 5-73	.00	0.0	.00	.00	.00	.01	.00	.00	.01	.00	.02	.00	.00	.00	.00	.00	.00	.53	.00	.02	0.0
		4-25-74	.00	1.0	.00	.00	.01	-	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.12	.00	.02	0.0

1/ Polychlorinated biphenyls T- Trace

TABLE 5. --Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Pompano Canal	10	2-24-69	0.00	-	0.06	0.01	0.02	0.02	0.00	0.00	0.01	-	-	-	-	-	-	-	-	0.00	0.00	0.00	-
		9-19-69	.00	-	.01	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	.00	.00	.00	-
		2-18-70	.00	-	.02	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	.00	.00	.00	-
		11- 6-70	.00	-	.01	.01	.00	T	.00	.00	.00	-	-	-	-	-	-	-	-	.00	.00	.03	-
		1- 4-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	.03	.00	.05	-
		4- 8-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	.00	.00	.00	-
		7-15-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.26	.00	.09	-
		10- 8-71	.00	-	.00	.00	.00	T	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	-
		12-14-71	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	0.0
		4- 6-72	.00	0.0	.00	.01	.00	.01	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.17	.00	.02	0.0
		9-25-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.03	.00	.03	0.0
		1-31-73	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		3-28-73	.00	0.0	.00	.00	.00	T	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.25	.00	.38	0.0
		7- 6-73	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.04	.00	.01	<1.0
		7-25-74	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.06	.00	.01	0.0

1/ Polychlorinated biphenyls T- Trace

TABLE 5.--Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2,4,5-T	Silvex	PCB 1/
Middle River Canal	37	11- 6-70	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.01	0.00	0.20	-
		1-14-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.05	.00	.01	-
		4- 9-71	.00	-	.01	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.01	.00	.01	.00	.00	-
		7-14-71	.00	-	.00	T	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.05	.00	.01	-
		10- 8 71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	-
		1- 6-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		4- 5-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		9-26-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		1-30-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		3-23-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		6-29-73	.00	0.0	.00	.00	.00	.00	.00	.00	.01	0	T	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		4-24-74	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	-	-	-	-	-	-	-	-	-	0.0

1/ Polychlorinated biphenyls T- Trace

TABLE 5. --Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Middle River Canal	36	11- 6-70	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	T	0.00	0.05	-
		1-14-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.00	.01	-
		4-16-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	-
		7-14-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.02	.00	.01	-
		10- 8-71	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	-
		12-14-71	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	0.0
		4- 5-72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.03	.00	.00	-
		9-26-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	0.0
		1-29-73	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		3-23-73	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.01	.00	.00	.00	.00	.00	.00	.04	.00	.00	0.0
		6-29-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		4-24-74	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.07	.00	.07	0.0

1/ Polychlorinated biphenyls T- Trace

TABLE 5. --Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Middle River Canal	11	2-25-69	0.00	–	0.01	0.00	0.01	0.02	0.00	0.00	0.01	–	–	–	–	–	–	–	–	0.00	0.01	0.00	–
		9-23-69	.00	–	.00	.00	.00	.00	.00	.00	.00	–	–	–	–	–	–	–	–	.00	.00	.00	–
		2-13-70	.00	–	.00	.00	.00	.00	.00	.00	.00	–	–	–	–	–	–	–	–	.00	.00	.00	–
		1-14-71	.00	–	.00	.00	.01	.00	.00	.00	.01	–	–	–	–	–	–	–	–	.40	.20	.03	–
		10- 8-71	.00	–	.00	.00	.00	.01	.00	.00	.00	–	–	0.00	0.00	0.00	0.00	0.03	0.00	.03	.00	.00	–
		1- 7-72	.00	0.0	.00	.00	.00	.01	.00	.00	.00	–	0.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		4- 6-72	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.01	.00	.00	.00	.00	.00	.00	.14	.00	.00	0.0
		9-25-72	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.11	.00	.00	.00	.00	.00	.00	.11	.00	.00	0.0
		1-31-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		3-23-73	.00	0.0	.00	.00	.00	.01	.00	.00	.00	–	.00	.00	.00	.00	.00	.00	.00	.04	.00	.02	0.0
		6-28-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.03	.00	.00	.00	.00	.01	.00	.38	.00	.02	0.0
		4-25-74	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.30	.00	.08	0.0

1/ Polychlorinated biphenyls

TABLE 5.--Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Middle River Canal	30	2-13-70	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.00	0.00	0.00	-
		1-14-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	0.00	0.00	0.00	0.00	-	0.00	0.00	-	-	-	-
		4-14-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	-	.00	-	.00	.00	.00	-
		7-15-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	0.00	.00	.00	.02	.00	.00	-
		12-15-71	.00	0.0	.00	.00	.00	T	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.13	.00	.00	0.0
		4- 6-72	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	0.0
		9-25-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		1-31-73	.00	0.0	.00	.00	.04	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	0.0
		3-28-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.01	.00	.03	0.0
		7- 6-73	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		4-25-74	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.08	.00	.06	0.0

1/ Polychlorinated biphenyls T- Trace

TABLE 5. --Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2,4,5-T	Silvex	PCB 1/
Plantation Canal	14	2-28-69	0.00	–	0.01	0.00	0.01	0.02	0.00	0.00	0.02	–	–	–	–	–	–	–	–	0.00	0.00	0.21	–
		2-17-70	.00	–	.00	.00	.00	.00	.00	.00	.00	–	–	–	–	–	–	–	–	.00	.00	.00	–
		11- 6-70	.00	–	.00	.00	.00	.00	.00	.00	.03	–	–	–	–	–	–	–	–	.01	.00	.41	–
		1-13-71	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	.01	.00	.25	–
		4-15-71	.00	–	.01	.00	.00	.03	.00	.00	.04	–	0.11	0.00	0.02	0.00	–	0.00	–	.01	.00	.00	–
		7- 1-71	.00	–	.00	.00	.00	.02	.00	.00	.00	–	.10	.00	.00	.00	–	.00	–	.16	.00	.16	–
		10-12-71	.00	–	.00	.00	.00	.02	.00	.00	.00	0	.00	–	–	–	–	–	–	.56	.00	.08	–
		4- 5-72	.00	0.0	.00	.00	.00	.03	.00	.00	.00	0	.06	.00	.00	.00	0.00	.00	0.00	.00	.00	4.2	0.0
		9-28-72	.00	.0	.00	.00	.00	.01	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.0
		1-31-73	.00	.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
		3-23-73	.00	.0	.00	.02	.00	.00	.00	.00	.00	0	.02	.00	.00	.00	.00	.00	.00	.51	.00	.17	.0
		6-28-73	.00	.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.0
		4-24-74	.00	.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.0

1/ Polychlorinated biphenyls

TABLE 5. --Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Plantation Canal	15	2-28-69	0.00	–	0.00	0.00	0.02	0.03	0.00	0.00	0.01	–	–	–	–	–	–	–	–	0.00	0.00	0.07	–
		2-17-70	.00	–	.02	.02	.04	.00	.00	.00	.02	–	–	–	–	–	–	–	–	.00	.00	.00	–
		4-15-71	.00	–	.01	.01	.00	.09	.00	.00	.09	–	0.07	T	0.00	0.00	–	T	T	.01	.00	.01	–
		4-17-71	.00	–	.00	.00	.00	.09	.00	.00	.00	–	T	T	T	T	0.00	T	T	.00	.00	.28	–
		1- 8-72	.00	0.0	.01	.01	.00	.02	.00	.00	.03	–	T	T	T	T	T	T	T	.00	.00	.00	0.0
		4- 5-72	.00	0.0	.00	.00	.00	.02	.00	.00	.00	0	–	0.00	.00	.00	.00	0.00	0.00	4.7	.00	6.0	0.0
		9-28-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.01	.00	.02	0.0
		1-31-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	–	–	–	–	–	–	.00	.00	.87	0.0
		3-23-73	.00	0.0	.00	.00	.00	.02	.00	.00	.00	0	.25	.00	.00	.00	.00	.00	.00	.00	.00	.06	0.0
		6-28-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	0.0
		4-24-74	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.18	.00	.00	.00	.00	.00	.00	2.4	.00	.01	0.0

1/ Polychlorinated biphenyls T- Trace

TABLE 5.--Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2,4,5-T	Silvex	PCB 1/
Plantation Canal	16	2-27-69	0.00	–	0.01	0.00	0.01	0.03	0.00	0.00	0.01	–	–	–	0.00	–	–	–	–	0.00	0.00	0.11	–
		9-23-69	.00	–	.01	.00	.00	.00	.00	.00	.00	–	–	–	.00	–	–	–	–	.00	.00	.00	–
		2-17-70	.00	–	T	.00	.00	.00	.00	.00	.00	–	–	–	–	–	–	–	–	.00	.00	.00	–
		11- 6-70	.00	–	.00	.00	.00	.00	.00	.00	.00	–	–	–	–	–	–	–	–	.04	.10	3.2	–
		1-13-71	.00	–	.00	.00	.02	.00	.00	.00	.02	–	–	–	.00	0.00	–	T	0.00	.01	.00	.07	–
		4-18-71	.00	–	.02	.01	.01	.03	.00	.00	.00	–	0.02	0.00	.00	.00	–	0.00	–	.01	.00	.00	–
		7-15-71	.00	–	T	.00	.00	.02	.00	.00	.00	–	.01	T	.00	.01	–	.00	.00	.02	.00	T	–
		10-12-71	.00	–	.01	.01	T	.02	.00	.00	.00	–	.02	.00	.00	.00	0.00	.00	.00	.07	.00	.02	–
		1- 7-72	.00	0.0	.00	.00	.00	.01	.00	.00	.00	–	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	0.0
		4- 5-72	.00	0.0	.00	.01	.00	.01	.00	.00	.00	0	.01	.00	.00	.00	.00	.00	.00	4.9	.00	5.9	0.0
		9-28-72	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.14	.00	.45	0.0
		1-31-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.43	.00	1.5	0.0
		3-23-73	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		6-28-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.03	.00	.00	.00	.00	.10	.00	.00	.00	.00	0.0
		4-24-74	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.03	.00	.00	.00	.00	.00	.00	.05	.00	.00	0.0

1/ Polychlorinated biphenyls T- Trace

TABLE 5. --Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Plantation Canal	17	2-27-69	0.00	-	0.01	0.00	0.01	0.01	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.00	0.02	0.06	-
		2-17-70	.00	-	.01	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	.00	.00	.00	-
		7-15-71	.00	-	T	.00	.00	T	.00	.00	.00	-	0.00	0.00	0.00	0.00	-	0.00	0.00	.09	.00	.01	-
		9-29-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	0.00	.00	.00	.01	.00	.04	-
		1- 7-72	.00	0.0	T	.00	T	T	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	2.0	.00	.00	0.0
		4- 4-72	.00	0.0	.01	.00	.00	.02	.00	.00	.00	0	.00	.00	.06	.00	.00	.00	.00	1.8	.00	.84	0.0
		9-28-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.01	.00	.03	0.0
		1-31-73	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	0.0
		3-23-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.01	.00	.00	.00	.00	.00	.00	.02	.00	.02	0.0
		6-28-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.0
		4-24-74	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	0.0

1/ Polychlorinated biphenyls T- Trace

TABLE 5.--Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
North New River Canal	20	3- 3-69	0.00	–	0.00	0.00	0.00	0.00	0.00	0.00	0.00	–	–	–	–	–	–	–	–	0.00	0.01	0.00	–
		2-16-70	.00	–	.00	.00	.00	.00	.00	.00	.00	–	–	–	–	–	–	–	–	.00	.00	.00	–
		11- 5-70	.00	–	.00	.00	.00	.00	.00	.00	.00	–	–	–	–	–	–	–	–	.00	.00	.00	–
		1-14-71	.00	–	.00	.00	.01	.00	.00	.00	.00	–	0.00	0.00	0.00	0.00	–	0.00	0.00	–	–	–	–
		4- 9-71	.00	–	.00	.00	.00	.00	.00	.00	.00	–	–	–	–	–	–	–	–	–	–	–	–
		7-13-71	.00	–	.00	.00	.00	.00	.00	.00	.00	–	.00	.00	.00	.00	–	.00	.00	.02	.00	.00	–
		10- 8-71	.00	–	.00	.00	.00	.00	.00	.00	.00	–	.00	.00	.00	.00	0.00	.00	.00	.00	.00	.00	–
		12-15-71	.00	0.0	.00	.00	.00	.00	.00	.00	.00	–	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	–
		4- 4-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		9-26-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	0.1
		1-30-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		3-21-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		6-20-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	0.0
		4-23-74	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	.08	.00	.00	–

1/ Polychlorinated biphenyls

TABLE 5. --Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
North New River Canal	38	11- 5-70	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.01	0.00	0.06	-
		1-13-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	.01	.00	.00	-
		4-15-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	0.00	0.00	0.00	0.00	-	0.00	0.00	.03	.00	.00	-
		7-13-71	.00	-	T	.00	T	.00	.00	.00	.00	-	.00	.00	.00	.00	-	.00	.00	.02	.00	.00	-
		10- 8-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	0.00	.00	.00	.00	.00	.00	-
		1- 6-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		4- 4-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.64	.00	.00	0.0
		9-26-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		1-30-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		3-21-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.01	.00	.04	0.0
		6-29-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	1.0
		4-23-74	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.04	.00	.01	0.0

1/ Polychlorinated biphenyls T- Trace

TABLE 5. --Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2,4,5-T	Silvex	PCB 1/
North New River Canal	21	2-27-69	0.00	–	0.03	0.00	0.02	0.00	0.00	0.00	0.00	–	–	–	–	–	–	–	–	0.00	0.02	0.00	–
		2-17-70	.00	–	.01	T	.04	.00	.00	.00	.00	–	–	–	–	–	–	–	–	.00	.00	.00	–
		11- 5-70	.00	–	.02	.00	.00	.00	.00	.00	.00	–	–	–	–	–	–	–	–	T	.00	.05	–
		1-13-71	.00	–	.00	.00	.00	.00	.00	.00	.00	–	0.00	0.00	0.00	0.00	–	0.00	0.00	–	–	–	–
		4- 9-71	.00	–	.00	.00	.00	.00	.00	.00	.00	–	–	–	–	–	–	–	–	–	–	–	–
		7-13-71	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	.01	.00	.00	–
		10-12-71	.00	–	.00	.00	.00	.00	.00	.00	.00	–	.00	.00	.00	.00	0.00	.00	.00	.00	.00	.08	–
		12-15-71	.00	0.0	.00	.00	.00	.00	.00	.00	.00	–	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		4- 4-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.03	.00	.01	0.1
		9-27-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	0.0
		1-30-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	0.0
		3-21-73	.00	0.0	T	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.01	.00	.05	.00	.77	0.0
		6-20-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19	0.0
		4-24-74	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.01	.00	.00	.00	.00	.00	.00	.02	.00	.01	0.0

1/ Polychlorinated biphenyls T- Trace

TABLE 5.--Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2,4,5-T	Silvex	PCB 1/
North New River Canal	22	2-27-69	0.00	-	0.02	0.00	0.01	0.01	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-
		2-17-70	.00	-	T	T	T	.00	.00	.00	.00	-	-	-	-	-	-	-	-	0.00	0.00	0.00	-
		11- 6-70	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	.01	.00	.05	-
		1- 3-71	.00	-	.00	.00	.02	.00	.00	.00	.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-
		4-15-71	.00	-	.01	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	-
		7-13-71	.00	-	T	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.04	.00	.01	-
		9-28-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	-
		12-15-71	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.07	.00	.01	0.0
		4- 4-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.10	.00	.50	0.1
		9-28-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.01	.00	.02	0.1
		1-31-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.26	.00	.04	0.0
		3-22-73	.00	0.0	.00	.00	.00	T	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.10	.00	.21	0.0
		7- 6-73	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	-	-	-	0.0
		4-24-74	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	0.0

1/ Polychlorinated biphenyls T- Trace

TABLE 5.--Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2,4,5-T	Silvex	PCB 1/
South New River Canal	39	11- 5-70	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.00	0.00	0.00	-
		1-14-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	.00	.00	.00	-
		4- 9-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	-	-	-	-
		7-13-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	0.00	0.00	0.00	0.00	-	0.00	0.00	.02	.00	.00	-
		9-21-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	0.00	.00	.00	.00	.00	.00	-
		1- 6-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	-
		4- 4-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		9-27-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		1-30-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		3-20-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	0.0
		6-20-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.13	0.0
		4-23-74	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0

1/ Polychlorinated biphenyls

TABLE 5.--Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
South New River Canal	40	4- 5-70	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.00	0.00	0.00	-
		1-14-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	0.00	0.00	0.00	0.00	-	0.00	0.00	.01	.00	.00	-
		4- 7-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	-	-	-	-
		7-13-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	-	.00	.00	.02	.00	.02	-
		9-21-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	0.00	.00	.00	.04	.00	.00	-
		1- 6-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		4- 3-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	0.0
		9-26-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	0.0
		1-31-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		3-20-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00	0.0
		6-19-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.03	.00	.34	0.0
		4-23-74	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	0.0

1/ Polychlorinated biphenyls

TABLE 5. --Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
South New River Canal	23	10- 4-68	0.00	–	0.00	0.00	0.01	0.00	0.00	0.00	0.00	–	–	–	–	–	–	–	–	0.00	0.00	0.00	–
		2-25-69	.00	–	.00	.00	.00	.00	.00	.00	.00	–	–	–	–	–	–	–	–	.00	.02	.00	–
		2-17-70	.00	–	.00	.00	.00	.00	.00	.00	.00	–	–	–	–	–	–	–	–	.00	.00	.00	–
		11- 5-70	.00	–	.00	.00	.00	.00	.00	.00	.00	–	–	–	–	–	–	–	–	.98	.00	.01	–
		1-14-71	.00	–	.00	.00	.00	.00	.00	.00	.00	–	0.00	0.00	0.00	0.00	–	0.00	0.00	–	–	–	–
		4- 7-71	.00	–	.00	.00	.00	.00	.00	.00	.00	–	–	–	–	–	–	–	–	–	–	–	–
		1- 6-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	–	.00	.00	.00	.00	0.00	.00	.00	.19	.00	.15	0.0
		4- 3-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	0.1
		9-28-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	18	.00	.00	0.0
		1-30-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		3-21-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.04	.00	.10	0.0
		6-19-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.40	.00	.53	0.0
		4-23-74	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0

1/ Polychlorinated biphenyls

TABLE 5. --Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
South New River Canal	41	11- 5-70	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.11	0.00	0.04	-
		1-14-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	.00	.00	.00	-
		4-15-71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01	.00	.00	-
		7-13-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	0.00	0.00	0.00	0.00	-	0.00	0.00	.03	.00	.03	-
		9-22-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	0.00	.00	.00	.00	.00	.00	-
		1- 6-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	0.0
		4- 3-72	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.03	.00	.01	0.1
		9-27-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		1-31-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	0.0
		3-22-73	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	0.0
		6-20-73	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20	0.0
		4-23-74	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0

1/ Polychlorinated biphenyls

TABLE 5. --Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
South New River Canal	24	2-25-69	0.00	-	0.01	0.00	0.01	0.01	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.00	0.00	0.00	-
		2-13-70	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	.00	.00	.00	-
		7-13-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	0.00	0.00	0.00	0.00	-	0.00	0.00	.03	.00	.05	-
		9-22-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	0.00	.00	.00	.00	.00	.00	-
		1- 6-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.02	.00	.01	0.0
		4- 3-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.02	.00	.00	.00	.00	.00	.00	.02	.00	.01	0.1
		9-27-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		1-31-73	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	0.0
		3-22-73	.00	0.0	.00	.00	.00	T	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		6-19-73	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	0.0
		4-23-74	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	0.0

1/ Polychlorinated biphenyls T- Trace

TABLE 5.--Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2,4,5-T	Silvex	PCB 1/
Davie Road Canal	42	11- 5-70	0.00	-	0.00	T	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.00	0.00	0.00	-
		1-14-71	.00	-	.00	0.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	T	.00	.00	-
		4- 7-71	.00	-	.00	.00	.00	.02	.00	.00	.00	-	0.00	0.00	0.00	0.00	-	0.00	-	.00	.00	.00	-
		7- 1-71	.00	-	.00	.00	.00	.02	.00	.00	.00	-	-	-	.00	.00	0.00	.00	-	.09	.00	.00	-
		1- 5-72	.00	0.0	.00	.00	.00	.01	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	0.00	.06	.00	.25	0.0
		4- 4-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.06	.00	.00	.00	.00	.00	.00	6.9	.00	.57	0.0
		9-27-72	.00	0.0	.00	.00	.00	.01	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0
		1-30-73	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.03	.00	.00	.00	.00	.00	.00	.00	1.6	.00	0.0
		3-22-73	.00	0.0	.00	.00	.00	T	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.07	.00	.01	0.0
		6-20-73	.00	0.0	.01	.00	.04	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	1.2	.00	1.0	0.0
		4-23-74	.00	0.0	.00	.00	.00	.00	.00	.00	.00	0	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	0.0

1/ Polychlorinated biphenyls T- Trace

TABLE 5. --Concentrations of pesticides in surface water.

(micrograms per litre)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Snake Creek Canal	43	11- 5-70	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	0.00	0.00	0.00	-
		1-14-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	-	-	-	-	-	-	-	.00	.00	.00	-
		4- 7-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	0.00	0.00	0.00	0.00	-	0.00	-	.00	.00	.00	-
		7-20-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	-	.00	0.00	.00	.00	.04	-
		9-22-71	.00	-	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	0.00	.00	.00	.00	.00	.00	-
		1- 5-72	.00	0.0	.00	.00	.00	.00	.00	.00	.00	-	.00	.00	.00	.00	.00	.00	.00	.03	.00	T	-
		4- 4-72	.00	.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	0.0
		9-27-72	.00	.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
		1-30-73	.00	.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
		3-20-73	.00	.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
		6-19-73	.00	.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.0
		4-23-74	.00	.0	.00	.00	.00	.00	.00	.00	.00	0	.00	.00	.00	.00	.00	.00	.00	.00	.20	.00	.0

1/ Polychlorinated biphenyls T- Trace

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Hillsboro Canal	35	1-13-71	0.0	–	6.6	2.7	4.2	0.0	0.0	0.0	0.0	0											0
		4-14-71	–	–	–	–	–	.2	.0	"	"	"											30
		7-15-71	.0	200	21	38	77	2.0	.0	.0	.0	"											0
		12-14-71	.0	0	.6	.8	.2	.1	.0	.0	.0	"											0
		4- 7-72	.0	20	12	20	5.2	1.2	.0	.0	.0	45											5
		9-25-72	.0	0	0	.1	0	0	.0	.0	.0	0											60
		1-29-73	.0	10	5.6	7.3	0	.3	.0	.0	.0	0	.0	0	0	0	.0	.0					5
		3-29-73	.0	0	30	39	0	17	.0	.0	.0	0	"	"	"	"	"	"					5
		6-29-73	.0	9	6.8	2.6	0	.3	.0	.0	.0	0	"	"	"	"	"	"					5
		4-30-74	.0	0	5.1	7.7	0	0	.0	.0	.0	0	.0	0	0	0	0	.0	14				

1/ Polychlorinated biphenyls

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Hillsboro Canal	34	1-13-71	0.0	-	14	250	140	6.8	0.0	0.0	0.0												-
		7-15-71	.0	-	9.8	10	15	1.1	.0	.0	.0												-
		10- 8-71	.0	50	170	66	18	2.0	.0	.0	.0												10
		12-14-71	.0	220	310	200	8.0	1.0	.0	.0	.0												10
		9-25-72	.0	0	1.2	1.7	.0	.0	.0	.0	.0												0
		1-29-73	.0	30	25	18	18	1.9	.0	.0	.0	0	.0		.0	.0	.0	.0	.0				<5
		3-29-73	.0	20	40	22	18	.5	.0	.0	.0	0											10
		6-29-73	.0	15	17	12	6.4	.7	.0	.0	.0	0											5

1/ Polychlorinated biphenyls

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Hillsboro Canal	1	9-19-69	0.0		5.0	3.0	3.5	0.0	0.0	0.0	0.0									0.0	0.0	0.0	
		1-13-71	.0		11	18	6.0	.0	.0	.0	.0									.0	.0	.0	
		4-14-71	.0		.4	.2	.2	.3	.0	.0	.0									.0	.0	.0	
		7-15-71	.0		.4	.5	.0	.1	.0	.0	.0												
		9-22-71	.0	0	.8	.5	.0	.0	.0	.0	.0												0
		12-14-71	.0	12	20	16	2.5	.9	.0	.0	.0												5
		4- 7-72	.0	0	.5	.5	.0	.1	.0	.0	.0	0											0
		9-25-72	.0	0	.8	.1	.0	.0	.0	.0	.0	0								.0	.0	.0	0
		1-31-73	.0	3	1.4	2.1	.8	.3	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0
		3-29-73	.0	2	.0	1.3	.0	.1	.0	.0	.0	0		.0						.0	.0	.0	0
		7- 5-73	1.5	6	4.5	4.8	.8	.2	.0	.0	.0	0		.0								.0	5
		4-25-74	.0	0	.8	.7	1.4	.0	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0

1/ Polychlorinated biphenyls

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2,4,5-T	Silvex	PCB 1/
Pompano Canal	4	3- 3-69	0.0	-	1.7	0.0	0.0	0.0	0.0	0.0	0.0												-
		1-13-71	.0	-	.2	.3	.0	.0	.0	.0	.0												-
		4-17-71	.0	-	.8	.5	.0	.0	.0	.0	.0												-
		3-28-73	.0	0	.3	.3	.0	.0	.0	.0	.0	0											75
		7- 5-73	.0	8	12	19	1.3	.1	.0	.0	.0	0											0
		4-25-74	.0	0	1.4	3.5	.4	.0	.0	.0	.0	0		.0		.0				2.0			0

1/ Polychlorinated biphenyls

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Pompano Canal	5	2-28-69	0.0	-	1.9	1.0	2.1	0.0	0.0	0.0	0.0									-	-	-	
		1-13-71	-	-	11	-	-	.0	-	-	-									0.0	0.0	0.1	
		4-14-71	.0	-	1.3	.4	.4	.3	.0	.0	.0									-	-	-	
		7-19-71	.0	-	.3	.3	.0	.4	.0	.0	.0									.7	.0	.9	
		10- 8-71	.0	5	5.9	5.1	1.2	.9	.0	.0	.0									-	-	-	0
		12-14-71	.0	15	3.1	3.9	.8	1.0	.0	.0	.0									-	-	-	5
		4- 6-72	.0	22	4.8	6.4	.0	2.7	.0	.0	.0	0								.0	.0	.6	10
		9-26-72	.0	-	.6	.1	.0	.3	.0	.0	.0	0			3.0					-	-	-	0
		1-31-73	.0	12	1.6	1.1	.0	.7	.0	.0	.0	0	.0	.00	.0	.0		.0		-	-	-	0
		3-28-73	.0	9	1.3	10	.0	.4	.0	.0	.0	0	-	-	-	-		-		-	-	-	5
		6-29-73	.0	5	.5	1.9	1.0	.6	.0	.0	.0	0	-	-	-	-	.0	-	.0	-	-	-	5
		4-30-74	.0	1	2.2	3.5	.4	.9	.0	.0	.0	0	.0	.00	.0	.0	.0	-	.0	.0	.0	.0	12

1/ Polychlorinated biphenyls

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2,4,5-T	Silvex	PCB 1/
Pompano Canal	7	2-28-69	0.0	-	14	8.8	4.7	0.5	0.0	0.0	0.0									- -	- -	- -	- -
		9-19-69	.0	-	.0	.0	0.0	.5	.0	.0	.0									- -	- -	- -	- -
		7-15-71	.0	40	3.5	4.0	-	.5	.0	.0	.0									0.0	0.0	0.5	20
		9-22-71	.0	660	110	120	16	3.6	.0	.0	.0									- -	- -	- -	150
		12-14-71	.0	25	1.6	3.5	1.0	1.6	.0	.0	.0									.0	.0	.0	40
		4- 6-72	.0	690	42	130	12	38	.0	.0	.0	0								.0	.0	6.7	500
		9-25-72	.0	30	2.2	.0	.0	.3	.0	.0	.0	0								- -	- -	- -	10
		1-31-73	.0	250	15	13	.0	2.5	.0	.0	.0	0	.0	3.3	.0	.0	.0	.0	.0	- -	- -	- -	50
		3-28-73	.0	190	21	12	3.3	2.7	.0	.0	.0	0	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	120
		7- 5-73	.0	250	39	44	1.3	5.0	.0	.0	.0	0	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	100
		4-25-74	.0	140	12	7.5	2.1	1.5	.0	.0	.0	0	.0	.0	.0	.0	.0	8.1	.0	.0	.0	.0	20

1/ Polychlorinated biphenyls

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Pompano Canal	10	9-19-69	0.0	-	1.6	0.0	0.0	0.0	0.0	0.0	0.0									-	-	-	-
		1-14-71	.0	-	850	270	67	56	.0	.0	.0									0.0	0.0	0.0	-
		4-14-71	.0	-	250	150	28	.4	.0	.0	.0									.0	.0	.0	250
		7-15-71	-	-	-	-	-	1.2	.0	.0	.0									-	-	-	80
		10- 8-71	.0	200	290	210	23	2.9	.0	.0	.0									.0	.0	.0	50
		12-14-71	.0	130	66	57	5.9	8.0	.0	.0	.0									.0	.0	2.0	30
		4- 6-72	.0	270	94	100	16	18	.0	.0	.0	0								.0	.0	.0	30
		9-25-72	.3	210	140	90	17	7.4	.0	.0	.0	0								.0	.0	.0	20
		1-31-73	.0	200	130	110	12	4.7	.9	.0	.0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-	20
		3-28-73	.0	110	83	86	7.6	2.7	.9	.0	.0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20
		7- 6-73	.0	110	22	27	3.2	2.2	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2
		4-25-74	.0	61	6.8	6.0	.9	5.0	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2

1/ Polychlorinated biphenyls

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Middle River Canal	37	1-14-71	0.0	-	0.8	0.5	0.0	0.0	0.0	0.0	0.0									- -	- -	- -	- -
		4- 9-71	.0	-	4.2	3.6	2.6	.0	.0	.0	.0												
		7-14-71	.0	-	6.5	1.9	6.9	.0	.0	.0	.0									0.0	0.0	0.5	- -
		10- 8-71	.0	0	2.8	2.6	.0	.0	.0	.0	.0												100
		4- 5-72	.0	8	1.5	2.5	3.6	.5	.0	.0	.0	0											0
		9-26-72	.0	1	.2	.5	.5	.1	.0	.0	.0	-											0
		1-30-73	.0	0	1.0	1.7	.0	.0	.0	.0	.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				200
		3-23-73	.0	180	24	17	.0	.3	.0	.0	.0	0	- -	- -	- -	- -	- -	- -	- -				0
		6-29-73	.0	0	.3	.4	.0	.2	.0	.0	.0	0	- -	- -	- -	- -	- -	- -	- -				0
		4-29-74	.0	0	86	69	36	18	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0				

1/ Polychlorinated biphenyls

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Middle River Canal	36	1-14-71	0.0	-	3.9	2.8	0.0	0.0	0.0	0.0	0.0									0.0	0.0	0.0	
		4-15-71	.0	-	.5	.6	T	.1	.0	.0	.0									-	-	-	10
		7-14-71	.0	-	1.0	-	.0	.2	.0	.0	.0									-	-	-	T
		10- 8-71	.0	>1	2.6	2.3	.0	.9	.0	.0	.0									-	-	-	10
		12-14-71	.0	25	2.1	1.2	.1	.7	.0	.0	.0									-	-	-	1
		4- 5-72	.0	0	.6	.2	.0	.5	.0	.0	.0	0								.0	.0	.2	0
		9-26-72	.0	1	.6	.1	.0	.6	.0	.0	.0	0											>5
		1-29-73	.0	6	1.7	1.3	.0	1.4	.0	.0	.0	0	2.6		0.0	0.0	0.0	0.0	0.0				T
		3-23-73	1.5	8	1.9	1.5	.0	1.8	.0	.0	.0	0	-		-	-	-	-	-				0
		6-29-73	.4	2	1.4	1.1	.0	1.3	.0	.0	.0	0	-		-	-	-	-	-				0
		4-24-74	.0	0	.0	.0	.5	.7	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0				

1/ Polychlorinated biphenyls T- Trace

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Middle River Canal	11	9-23-69	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0									-	-	-	T
		10- 8-71	.0	0	19	17	.6	.2	.0	.0	.0									-	-	-	20
		12-14-71	.0	15	1.1	2.8	.2	1.3	.0	.0	.0									-	-	-	40
		4- 6-72	.0	20	3.6	2.2	.1	5.3	.0	.0	.0	0								0.0	0.0	0.0	10
		9-25-72	.0	0	.6	.6	.0	1.6	.0	.0	.0	0								.1	.0	.0	20
		1-31-73	.0	30	2.7	5.7	.0	2.5	.0	.0	.0	0	0.0	0.0	0.0	0.0	0.00	0.0	0.00	.0	.0	.0	20
		3-23-73	.0	60	.4	10	.0	7.2	.0	.0	.0	-	-	-	-	-	-	-	-	.0	.0	.0	15
		6-28-73	.0	25	3.3	13	2.8	3.3	.0	.0	.0	0	-	-	-	-	-	-	-	-	-	-	20
		4-25-74	.0	33	2.4	3.4	1.6	3.7	.0	.0	.0	0	.0	.0	.0	.0	.00	.0	.00	.0	.0	.0	

1/ Polychlorinated biphenyls T- Trace

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Middle River Canal	30	1-14-71	0.0	-	1.1	0.9	0.0	0.0	0.0	0.0	0.0									-	-	-	-
		4-14-71	.0	-	.6	.8	.3	.2	.0	.0	.0									0.0	0.0	0.0	1500
		7-15-71	-	-	-	-	-	.6	.0	-	-												0
		12-15-71	.0	0	9.6	1.4	.3	.0	.0	.0	.0												10
		9-25-72	2.7	20	3.7	3.1	1.7	9.6	.0	.0	.0	0											0
		1-31-73	5.4	70	15	12	54	22	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0				T
		3-28-73	4.0	4	5.0	1.3	6.4	1.5	.0	.0	.0	0	-	-	-	-	-	-	-				
		4-30-74	.0	5	5.9	3.2	4.3	.1	.0	.0	.0	-	.0	.0	.0	.0	.0	.0	.0				2

1/ Polychlorinated biphenyls T - Trace

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Plantation Canal	14	1-13-71	0.0	-	-	-	-	1.4	-	-	-									-	-	-	-
		10-22-71	.0	240	11	65	2.1	22	0.0	0.0	0.0									1.0	0.0	19	500
		1- 7-72	.0	450	21	59	.0	62	.0	.0	.0									-	-	-	1200
		4- 5-72	-	-	-	-	-	-	-	-	-									-	-	-	-
		9-28-72	.0	0	.0	.7	.1	1.9	.0	.0	.0	0								-	-	-	5
		1-31-73	.0	10	.4	2.3	.7	3.4	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20
		3-23-73	.0	2	T	.3	.0	.7	.0	.0	.0	0	-	-	-	-	-	-	-	-	-	-	T
		6-28-73	.0	4	.4	1.3	.0	1.7	.0	.0	.0	0	-	-	-	-	-	-	-	-	-	-	5
		4-24-74	.0	380	22	25	.0	4.7	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0	-	-	.02	560

1/ Polychlorinated biphenyls T- Trace

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Plantation Canal	15	4-15-71	0.0	-	12	15	0.7	15	0.0	0.0	0.0												
		7- 1-71	.0	380	52	100	.0	120	.0	.0	.0									0.0	0.0	15	
		10-15-71	.0	100	9.6	14	.0	18	-	.0	.0									-	-	-	
		1- 8-72	.0	60	8.7	15	.0	34	.0	.0	.0									.0	.0	2.3	
		4- 5-72	.0	100	6.8	2.4	.0	2.1	.0	.0	.0	0								.0	.0	.0	
		9-28-72	.0	50	9.6	5.4	.0	16	.0	.0	.0	0								.0	.0	.0	
		1-31-73	.0	0	110	14	1.3	.8	.0	.0	.0	0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	
		3-23-73	.0	200	30	24	.0	63	.0	.0	.0	0	-	-	-	-	-	-	-	.0	.0	14	
		6-28-73	.0	50	5.9	7.0	1.2	11	.0	.0	.0	0	-	-	-	-	-	-	-	-	-	-	
		4-30-74	.0	26	19	32	.0	43	.0	.0	.0	0	.0	15	.0	.0	.0	.0	15	-	-	-	

1/ Polychlorinated biphenyls

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Plantation Canal	16	2-27-69	0.0	-	12	7.6	2.6	2.3	0.0	0.0	0.0									-	-	-	
		9-23-69	.0	-	.0	3.0	5.0	.8	-	-	-									-	-	-	
		1-13-71	.0	-	34	230	58	16	.0	.0	.0									.0	.0	.0	
		4-18-71	.0	-	8.8	26	53	.9	.0	.0	.0									-	-	-	
		7-15-71	.0	100	27	24	13	4.8	.0	.0	.0									-	-	-	
		10-12-71	.0	20	5.9	7.1	1.3	.9	.0	.0	.0									.0	.0	.0	0
		1- 7-72	.0	14	3.4	4.4	5.5	1.1	.0	.0	.0									-	-	-	20
		4- 5-72	.0	15	2.1	5.4	1.0	.7	.0	.0	.0	0								-	-	-	5
		9-28-72	.0	10	9.5	9.3	1.0	.1	.0	.0	.0	0								-	-	-	20
		1-31-73	.0	5,000	770	1400	.0	25	.0	.0	.0	0	.0	4.9	.0	.0	10	.0	.0	-	-	-	160
		3-23-73	.0	230	65	66	5.9	23	.0	.0	.0	0	-	.0	-	-	-	-	-	-	-	-	300
		6-28-73	.0	8	7.0	6.0	5.6	.3	.0	.0	.0	0	-	-	-	-	-	-	-	-	-	-	5
		4-25-74	.0	23	2.7	4.4	1.2	.4	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7

1/ Polychlorinated biphenyls

TABLE 6.--Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Plantation Canal (New River)	17	2-27-69	0.0	-	0.6	0.5	0.0	0.0	0.0	0.0	0.0									-	-	-	-
		9-29-71	.0	0	32	9.0	4.9	.5	.0	.0	.0									.0	.0	.0	50
		1- 7-72	.0	50	22	9.6	24	.7	.0	.0	.0												60
		9-28-72	.0	170	16	1.5	1.7	.1	.0	.0	.0	0			8.0								40
		1-31-73	.0	0	8.9	35	.0	1.4	.0	.0	.0	0	.0	5.1	.0	.0	.0	.0	.0				5
		3-28-73	.0	0	7.4	8.9	.0	.6	.0	.0	.0	0	"	"	"	"	"	"	"				15
		6-28-73	.0	17	44	11	4.8	2.9	.0	.0	.0	0	"	"	"	"	"	"	"				50
		4-30-74	.0	4	4.5	2.3	2.6	.5	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0				20

1/ Polychlorinated biphenyls

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
North New River Canal	20	3- 3-69	0.0	-	14	18	28	0.0	0.0	0.0	0.0									-	-	-	
		1-14-71	-	-	-	18	-	.0	-	-	-									.0	.0	.0	
		4- 9-71	-	-	-	-	-	.0	.0	-	-												
		7-13-71	.0	0	6.5	3.5	-	.0	.0	.0	.0												
		10- 8-71	.0	0	28	27	1.4	.0	.0	.0	.0												20
		4- 4-72	.0	0	1.1	2.3	.0	.0	.0	.0	.0	0											100
		9-26-72	.0	0	1.1	.4	.0	.0	.0	.0	.0	0											75
		1-30-73	.0	0	.0	.3	.0	.0	.0	.0	.0	0	.0	0.0	.0	.0	.0	.0	.0				20
		3-21-73	.0	0	18	9.8	.0	.0	.0	.0	.0	0	-	-	-	-	-	-	-				10
		6-20-73	.0	0	-	-	.0	.0	.0	.0	.0	0	-	-	-	-	-	-	-				120
		4-29-74	.0	0	3.5	3.9	.0	1.1	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0				600
																							0

1/ Polychlorinated biphenyls

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
North New River Canal	38	1-13-71	0.0	-	100	80	110	0.0	0.0	0.0	0.0												-
		7-13-71	.0	-	32	27	20	-	.0	.0	.0												-
		10- 8-71	.0	0	110	70	110	35	.0	.0	.0												10
		1- 6-72	.0	0	1.0	3.8	6.0	.0	.0	.0	.0												0
		9-26-72	.0	0	190	210	31	.5	.0	.0	.0	0											10
		1-30-73	.0	170	470	630	160	3.0	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0				50
		3-21-73	.0	0	44	480	12	.3	.0	.0	.0	0	-	-	-	-	-	-	-				T
		4-29-74	.0	0	86	69	36	18	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0				0

1/ Polychlorinated biphenyls T- Trace

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
North New River Canal	21	1-13-71	0.0	-	T	1.3	3.1	0.0	0.0	0.0	0.0									0.0	0.0	0.0	-
		4- 9-71	.0	-	27	17	4.6	.6	.0	.0	.0									.0	.0	.0	-
		7-13-71	.0	40	.0	.0	.0	.0	.0	.0	.0									1.5	.0	.4	40
		10-12-71	.0	10	7.8	3.8	2.0	.2	.0	.0	.0									-	-	-	10
		12-15-71	.0	60	1.3	1.0	.3	.1	.0	.0	.0	0								.0	.0	.0	60
		4- 4-72	.0	1	1.1	1.0	.3	.1	.0	.0	.0	0								-	-	-	1
		9-27-72	.0	5	.9	.8	.1	.0	.0	.0	.0	0								.0	.0	4.7	5
		1-30-73	.0	0	.5	.2	.7	.1	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0
		3-21-73	.0	0	.4	.0	.0	T	.0	.0	.0	0	-	-	-	-	-	-	-	.0	.0	.0	0
		6-20-73	.0	5	29	23	5.5	.8	.0	.0	.0	0	-	-	-	-	-	-	-	.0	.0	.3	5
		4-29-74	.0	0	10	.1	.0	2.2	.0	.0	.0	0	.0	7.5	.0	.0	.0	.0	.0	-	-	-	0

1/ Polychlorinated biphenyls T- Trace

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
North New River Canal	22	2-27-69	0.0	-	13	10	12	0.0	0.0	0.0	0.0												
		1-13-71	-	-	160	-	-	.0	-	-	-												-
		4-15-71	-	-	170	-	39	.3	.0	-	-												-
		7-13-71	.0	-	2.2	-	.0	.1	.0	.0	.0												10
		12-15-71	.0	-	86	51	5.3	.9	.0	.0	.0												1100
		4- 4-72	.0	20	14	7.9	.3	1.5	.0	.0	.0	0											30
		9- 8-72	.0	0	11	1.5	5.8	.1	.0	.0	.0	0											10
		1-31-73	10	200	12	17	3.7	260	.0	.0	.0	0	.0	.0	.0	1.8	.0	1.1	.0				20
		3-22-73	*	0	19	*	3.9	2.3	.0	*	*	0	-	-	-	-	-	-	-				43800
		7- 6-73	.0	80	78	20	7.2	8.2	.0	.0	.0	0	-	-	-	-	-	-	-				300
		4-29-74	.0	1	4.9	1.3	.0	.7		.0	.0	0	.0	.0	.0	.0	.0	.0	.0				7

1/ Polychlorinated biphenyls * PCB interference

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
South New River Canal	39	1-14-71	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0									-	-	-	-
		4-17-71	.0	-	3.5	1.8	2.6	.7	.0	.0	.0									0.0	0.0	0.0	-
		1- 6-72	.0	0	1.1	1.1	.0	.1	.0	.0	.0												5
		9-27-72	.0	0	.4	.2	1.1	.0	.0	.0	.0												0
		1-30-73	.0	0	.0	.1	.7	.0	.0	.0	.0		.0		.0	.0		.0					0
		3-20-73	.0	0	1.1	4.8	2.1	.1	.0	.0	.0		-		-	-		-					15
		6-20-73	.0	7	4.3	2.1	23	.8	.0	.0	.0		-		-	-		-					10
		4-29-74	.0	0	.5	.8	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0				0

1/ Polychlorinated biphenyls

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
South New River Canal	40	1-14-71	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0									-	-	-	-
		4- 7-71	.0	-	1.1	2.0	1.3	.0	.0	.0	.0									0.0	0.0	0.0	-
		7-13-71	.0	-	.3	.4	.0	.0	.0	.0	.0									7.3	.0	32	-
		9-21-71	.0	0	.0	.0	.0	.0	.0	.0	.0									9.0	.0	4.0	0
		1- 6-72	.0	0	.5	.8	.1	.1	.0	.0	.0												T
		9-26-72	.0	8	2.1	3.3	3.7	.0	.0	.0	.0	0											10
		1-30-73	.0	11	37	34	.0	.3	.0	.0	.0	0	0.0	10	0.0	0.0	0.0	0.0	0.0				30
		3-20-73	.0	4	4.0	2.6	.0	.2	.0	.0	.0	0	-	-	-	-	-	-	-				10
		6-29-73	.0	2	3.0	5.5	1.9	.0	.0	.0	.0	0	-	-	-	-	-	-	-				5
		4-29-74	.0	14	7.5	1.2	.0	.0	.0	.0	.0	0	.0	26	.0	.0	.0	.0	.0				0

1/ Polychlorinated biphenyls T- Trace

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
South New River Canal	23	1-14-71	-	-	-	-	-	0.0	-	-	-									0.0	0.0	0.0	-
		4-16-71	0.0	0	1.5	0.9	0.3	.2	0.0	0.0	0.0									.0	.0	.0	-
		1- 6-72	.0	55	13	19	4.6	3.6	.0	.0	.0									.6	.0	.0	60
		9-28-72	.0	80	11	11	.0	.9	.0	.0	.0									.0	.0	.0	80
		1-30-73	.0	6	.7	.6	1.4	.3	.0	.0	.0	0	0.0	20	0.0	0.0	0.0	0.0	0.0	.0	.0	.0	10
		3-21-73	.0	50	15	11	.0	1.3	.0	.0	.0	0	-	-	-	-	-	-	-	.0	.0	15	50
		6-19-73	.0	60	11	11	.0	2.3	.0	.0	.0	0	-	-	-	-	-	-	-	.0	.0	.1	15
		4-29-74	.0	9	1.5	.3	.5	.0	.0	.0	.0	0	.0	4.2	.0	.0	.0	.0	.0	-	-	-	43

1/ Polychlorinated biphenyls

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
South New River Canal	41	1-14-71	0.0	-	1.1	0.0	0.0	0.0	0.0	0.0	0.0									- -	- -	- -	- -
		4-16-71	.0	-	.5	.4	.0	.1	.0	.0	.0												- -
		7-13-71	.0	-	2.6	1.8	14	.0	.0	.0	.0									0.0	0.0	0.0	0
		9-22-71	.0	0	.6	.4	.0	.0	.0	.0	.0												110
		1- 6-72	.0	160	23	19	.0	2.3	.0	.0	.0												0
		9-27-72	.0	5	1.7	1.0	.0	.3	.0	.0	.0	0											0
		1-31-73	.0	2	12	19	4.5	.2	.0	.0	.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				T
		3-22-73	.0	2	.8	.6	.0	1.2	.0	.0	.0	0	- -	- -	- -	-	-	- -	- -				5
		6-20-73	.0	5	1.1	1.0	.4	.3	.0	.0	.0	0											13
		4-29-74	.0	1	2.4	3.2	1.3	.7	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0				

1/ Polychlorinated biphenyls T- Trace

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2, 4, 5-T	Silvex	PCB 1/
Davie Road Canal	42	1-14-71	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0												-
		1- 5-72	.0	11	.8	1.3	.9	1.1	.0	.0	.0												5
		4- 4-72	.0	14	.4	.1	.6	1.2	.0	.0	.0												15
		9-27-72	.0	8	.9	1.1	.0	1.2	.0	.0	.0	0											10
		1-30-73	.0	1	.4	.3	.0	.9	.0	.0	.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0
		3-22-73	.0	1	.4	.5	.2	.4	.0	.0	.0	0	-	-	-	-	-	-	-	-			0
		6-20-73	.0	65	8.2	8.1	1.6	8.5	.0	.0	.0	0	-	-	-	-	-	-	-	-			100
		4-29-74	.0	4	25	5.4	.0	5.6	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0	.0			29

1/ Polychlorinated biphenyls

TABLE 6. --Concentrations of pesticides in bottom sediment.

(micrograms per kilogram)

CANAL	Station number	Date of Collection	Aldrin	Chlordane	DDD	DDE	DDT	Dieldrin	Endrin	Heptachlor	Lindane	Toxaphene	Diazinon	Ethion	Malathion	Methyl parathion	Methyl trithion	Parathion	Trithion	2, 4-D	2,4,5-T	Silvex	PCB 1/
Snake Creek Canal	43	1-14-71	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0									0.0	0.0	0.0	-
		7-20-71	.0	-	1.0	.4	.0	.0	.0	.0	.0									.0	.0	.0	-
		9-22-71	.0	0	2.1	1.5	.0	.0	.0	.0	.0									.0	.0	.0	0
		1- 5-72	.0	0	.0	.0	.0	.0	.0	.0	.0									.0	.0	.0	T
		4- 4-72	.0	0	.0	.0	.0	.2	.0	.0	.0	60								.0	.0	.0	1
		9-27-72	.0	0	.5	.1	.1	.0	.0	.0	.0	0											0
		1-30-73	.0	2	.4	.2	.0	.0	.0	.0	.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				T
		3-20-73	.0	2	.5	.7	.0	.1	.0	.0	.0	0	-	-	-	-	-	-	-				5
		6-19-73	.0	1	.3	.5	.0	.1	.0	.0	.0	0	-	-	-	-	-	-	-				5
		4-23-74	.0	0	.5	.3	.0	.0	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0				

1/ Polychlorinated biphenyls T- Trace

TABLE 7. --Concentrations of macronutrients and iron, COD and particle size analysis in bottom sediment.
(milligrams per kilogram)

CANAL	Station number	Date of Collection	Depth (ft)	Dissolved Oxygen (mg/l)	pH	Kjeldahl Nitrogen[1/] (TKN)	Nitrate + Nitrite	Total Phosphorus	Carbon (c)			Particle Size			Iron (Fe)	Chemical Oxygen Demand
									Inorganic	Organic	Total	2.00 mm	.062 mm	.004 mm		
Hillsboro Canal	35	4-30-74	8.0	-	-	6,900	1.0	-	-	-	188	97	5	2	4,300	63,000
	34	4-25-74	-	4.0	8.0	-	-	-	-	-	-	-	-	-	-	-
	1	4-30-74	-	4.5	8.4	370	.0	30	.0	.0	.0	100	1	0	120	16,000
Pompano Canal	4	4-30-74	10	6.9	8.6	200	.0	160	2.3	6	8.3	100	25	17	720	18,000
	5	6-27-74	-	-	-	150	6.0	-	2.9	2.2	5.1	100	7	3	160	9,900
	7	4-30-74	4.0	7.8	8.6	3,700	.0	1,400	30	31	62	71	31	19	5,800	150,000
	10	4-30-74	18	6.6	7.8	6,000	.5	1,200	57	51	108	100	55	23	7,600	200,000
Middle River Canal	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	36	4-30-74	1.0	6.6	8.1	1,600	.0	350	42	12	54	100	88	61	2,600	69,000
	11	4-30-74	8.0	3.3	8.0	650	.5	170	17	.0	17	100	13	13	1,100	30,000
	30	4-30-74	1.0	-	-	280	2.0	-	5.8	2.0	7.8	82	6	3	180	18,000
Plantation Canal	14	4-30-74	1.0	0.3	7.4	11,000	1.0	-	57	5.1	62.1	100	65	29	9,500	270,000
	15	4-30-74	11	-	-	2,200	.0	-	47	61	108	100	48	23	4,000	13,000
	16	4-30-74	1.0	3.7	8.0	180	.0	46	.0	.0	.0	100	1	0	110	10,000
	16E	4-30-74	5.0	-	-	400	.0	-	5.1	9.1	14.2	89	4	3	3,200	15,000
	17	4-30-74	1.0	8.3	8.3	1,600	.0	-	6.5	17	23.5	83	4	2	2,300	35,000

1/ Ammonia plus organic nitrogen

TABLE 7. --Concentrations of macronutrients and iron, COD and particle size analysis in bottom sediment.
(milligrams per kilogram)

CANAL	Station number	Date of Collection	Depth (ft)	Dissolved Oxygen (mg/l)	pH	Kjeldahl Nitrogen 1/ (TKN)	Nitrate + Nitrite	Total Phosphorus	Carbon (c)			Particle Size			Iron (Fe)	Chemical Oxygen Demand
									Inorganic	Organic	Total	2.00 mm	.062 mm	.004 mm		
North New River Canal	20	4-29-74	11	-	-	4,800	.0	-	23	206	229	100	37	19	1,400	81,000
	38	4-29-74	11	-	-	1,600	.0	-	11	27	38	100	32	7	2,800	26,000
	21	4-29-74	8.0	-	-	7,100	.0	-	55	66	121	100	7	5	9,800	35,000
	22	4-29-74	5.0	-	-	820	.0	-	17	5.8	22.8	95	5	2	2,100	45,000
South New River Canal	39	4-17-74	1.0	2.3	7.6	3,000	1.0	720	29	15	44	-	-	-	100	66,000
		4-29-74	10	-	-	1,700	1.5	1,000	28	.3	28.3	100	10	7	710	-
	40	4-29-74	8.0	-	-	8,000	.0	-	13	203	316	100	60	31	14,000	160,000
	23	4-29-74	7.0	-	-	8,900	.0	-	16	91	107	100	7	5	15,000	270,000
	41	4-29-74	7.5	-	-	280	.5	-	4.8	13	17.8	85	4	2	160	6,400
	24	4-23-74	1.0	4.0	7.5	7,000	.0	-	8.6	114	122.6	-	-	-	4,000	180,000
Davie Road Canal	42	4-29-74	2.5	-	-	7,000	.0	-	8.6	114	122.6	100	9	4	4,000	180,000
Snake River Canal	43	4-29-74	11	9.1	7.9	1,200	.0	140	11	10	21	100	17	9	3,900	35,000

1/ Ammonia plus organic nitrogen

TABLE 8. --Coliform and fecal streptococci bacteria in surface water.

(colonies per 100 millilitres)

CANAL	Station Number	Date of collection	Total Coliform	Fecal Coliform	Fecal Streptococci	FC/FS[1/] Ratio
Hillsboro Canal	35	9-28-70	6,000	50	-	-
		1-28-71	710	10	-	-
		5-18-71	18,000	-	-	-
		7-9-71	3,200	-	-	-
		10-6-71	2,300	45	-	-
		1-17-72	650	5	-	-
		4-7-72	10,000	100	-	-
		6-13-72	18,000	490	-	-
		9-25-72	42,000	160	1,500	.11
		1-23-73	1,200	18	200	.09
		3-29-73	52,000	55	470	.12
		6-29-73	7,100	80	460	.17
		8-28-73	560	90	120	.78
		9-24-73	1,500	-	470	-
		1-18-74	600	-	120	-
		4-18-74	1,300	32	230	.14
		7-23-74	1,700	49	520	.09
		10-23-74	180	98	69	1.4
Hillsboro Canal	34	9-28-70	3,600	90	-	-
		1-28-71	290	30	-	-
		5-18-71	16,000	-	-	-
		7-9-71	12,000	-	-	-
		10-6-71	8,200	15	-	-
		1-17-72	580	45	-	-
		4-7-72	4,200	22	-	-
		6-13-72	12,000	440	-	-
		9-25-72	10,000	80	300	.27
		1-29-73	2,500	70	94	.74
		3-29-73	22,000	115	185	.62
		6-29-73	160	50	170	.29
		8-28-73	3,100	330	810	.40
		9-24-73	3,800	-	1,700	-
		1-18-74	77,000	-	210	-
		4-18-74	3,600	80	100	.80
		7-23-74	7,500	230	94	2.4
		10-23-74	460	40	120	.32

1/ Fecal coliform - fecal streptococci ratio

TABLE 8. --Coliform and fecal streptococci bacteria in surface water.

(colonies per 100 millilitres)

CANAL	Station Number	Date of collection	Total Coliform	Fecal Coliform	Fecal Streptococci	FC/FS[1/] Ratio
Hillsboro Canal	1	2-24-69	3,300	-	-	-
		6-19-69	6,500	-	-	-
		9-28-70	920	110	-	-
		1-28-71	30	0	-	-
		5-18-71	3,800	-	-	-
		7-9-71	5,200	-	-	-
		10-6-71	280	210	-	-
		1-17-72	1,700	30	-	-
		4-7-72	6,000	68	-	-
		6-13-72	9,800	320	-	-
		9-25-72	10,000	160	620	.26
		1-29-73	4,200	40	330	.12
		3-28-73	26,000	80	330	.25
		7-25-73	5,000	20	30	.67
		8-28-73	730	150	680	.22
		9-24-73	2,100	-	530	-
		1-18-74	37,000	-	100	-
		4-18-74	12,000	38	1,000	.04
		7-23-74	260	89	0	.01
		10-23-74	3,000	42	43	.88
Pompano Canal	4	6-17-69	12,000	-	-	-
		9-28-70	260	60	-	-
		1-28-71	120	5	-	-
		3-28-73	51,000	40	530	.08
		7-5-73	4,800	70	410	.17
		8-28-73	150	50	10	5.0
		9-24-73	280	-	410	-
		1-18-74	3,100	-	10	-
		4-18-74	760	360	8	4.5
		7-23-74	2,500	89	32	2.8
		10-23-74	29,000	38	15	2.5

1/ Fecal coliform - fecal streptococci ratio

TABLE 8. --Coliform and fecal streptococci bacteria in surface water.

(colonies per 100 millilitres)

CANAL	Station Number	Date of collection	Total Coliform	Fecal Coliform	Fecal Streptococci	FC/FS 1/ Ratio
Pompano Canal	5	2-28-69	2,800	-	-	-
		6-18-69	11,000	-	-	-
		9-28-70	5,100	1,900	-	-
		1-28-71	150	15	-	-
		5-18-71	8,600	-	-	-
		7-9-71	2,400	-	-	-
		10-6-71	1,700	60	-	-
		1-17-72	1,500	55	-	-
		4-6-72	-	150	-	-
		6-13-72	3,200	345	-	-
		9-26-72	11,000	125	1,100	.10
		1-29-73	500	22	38	.58
		3-28-73	150,000	55	7,400	.01
		6-29-73	890	110	104	1.1
		8-28-73	350	160	94	1.7
		9-24-73	3,900	-	300	-
		1-18-74	13,000	-	70	-
		4-18-74	39,000	78	62	1.3
		7-23-74	2,500	180	76	2.4
		10-23-74	1,200	64	35	1.8
Pompano Canal	7	2-28-69	490	-	-	-
		6-18-69	13,000	-	-	-
		7-9-71	1,600	-	-	-
		10-6-71	1,000	20	-	-
		1-17-72	7,700	900	-	-
		4-6-72	7,700	70	-	-
		6-13-72	7,600	280	-	-
		9-25-72	14,000	130	210	.62
		1-29-73	4,800	170	200	.80
		3-28-73	16,000	75	200	.38
		7-5-73	20,000	70	1,000	.07
		8-28-73	3,600	470	98	4.8
		9-24-73	6,600	-	2,800	-
		1-18-74	40,000	-	70	-
		4-18-74	820	10	48	.21
		7-23-74	2,600	50	78	.64
		10-23-74	3,000	40	30	1.3

1/ Fecal coliform - fecal streptococci ratio

TABLE 8. --Coliform and fecal streptococci bacteria in surface water.

(colonies per 100 millilitres)

CANAL	Station Number	Date of collection	Total Coliform	Fecal Coliform	Fecal Streptococci	FC/FS 1/ Ratio
Pompano Canal	10	2-24-69	490	-	-	-
		6-16-69	820	-	-	-
		9-28-70	500	0	-	-
		1-28-71	100	5	-	-
		5-18-71	2,900	-	-	-
		7-9-71	2,700	-	-	-
		10-6-71	1,400	10	-	-
		1-17-72	2,900	5	-	-
		4-6-72	15,000	110	-	-
		6-13-72	6,400	360	-	-
		7-25-72	9,600	20	90	.22
		1-29-73	1,600	34	62	.56
		3-28-73	35,000	0	60	-
		7-6-73	3,900	120	84	1.4
		8-28-73	710	210	1,800	.12
		9-24-73	2,100	-	1,200	-
		1-18-74	1,100	-	0	-
		4-18-74	3,900	470	260	.14
		7-23-74	1,900	22	330	.07
		10-23-74	100	24	30	.80
Middle River Canal	37	9-28-70	1,400	20	-	-
		1-27-71	500	15	-	-
		5-18-71	2,100	-	-	-
		7-8-71	5,000	-	-	-
		10-6-71	2,800	10	-	-
		1-17-72	6,700	30	-	-
		4-15-72	1,900	26	-	-
		6-19-72	7,400	70	-	-
		9-26-72	18,000	75	175	.43
		2-5-73	440	28	70	.40
		3-23-73	1,600	30	40	.75
		6-29-73	8,600	110	8,500	.01
		8-28-73	1,300	70	15	4.7
		9-24-73	1,000	-	400	-
		1-18-74	6,600	-	0	-
		4-18-74	2,800	1	20	.05
		7-23-74	30,000	10	56	.18
		10-23-74	160	6	2	3.0

1/ Fecal coliform - fecal streptococci ratio

TABLE 8. --Coliform and fecal streptococci bacteria in surface water.

(colonies per 100 millilitres)

CANAL	Station Number	Date of collection	Total Coliform	Fecal Coliform	Fecal Streptococci	FC/FS 1/ Ratio
Middle River Canal	36	9-28-70	25,000	450	-	-
		1-27-71	500	20	-	-
		5-18-71	1,700	-	-	-
		7-9-71	1,400	-	-	-
		10-6-71	1,100	0	-	-
		1-17-72	1,600	15	-	-
		4-5-72	2,200	10	-	-
		6-19-72	17,000	120	-	-
		9-26-72	-	20	40	.50
		2-5-73	5,900	160	640	.25
		3-23-73	2,600	0	60	-
		6-29-73	1,400	-	340	-
		8-28-73	280	34	18	1.9
		9-24-73	360	-	150	-
		1-18-74	27,000	-	30	-
		4-18-74	9,700	8	8	1.0
		7-23-74	7,600	24	70	.33
		10-23-74	100	6	10	.60
Middle River Canal	11	2-25-69	330	-	-	-
		6-18-69	460	-	-	-
		1-27-71	12,000	50	-	-
		5-20-71	3,800	0	-	-
		7-9-71	1,400	-	-	-
		10-6-71	140	10	-	-
		1-17-72	3,200	105	-	-
		4-6-72	15,000	62	-	-
		6-19-72	7,600	80	-	-
		7-25-72	22,000	50	450	.11
		2-25-73	1,400	2	16	.12
		3-23-73	12,000	50	90	.56
		6-28-73	6,000	160	72	2.2
		8-28-73	-	22	24	.91
		9-24-73	2,900	-	70	-
		1-18-74	7,000	-	110	-
		4-18-74	3,400	14	4	3.5
		7-23-74	40,000	58	137	.42
		10-23-74	3,700	20	15	1.3

1/ Fecal coliform - fecal streptococci ratio

TABLE 8. --Coliform and fecal streptococci bacteria in surface water.

(colonies per 100 millilitres)

CANAL	Station Number	Date of collection	Total Coliform	Fecal Coliform	Fecal Streptococci	FC/FS 1/ Ratio
Middle River Canal	30	1-28-71	600	170	-	-
		5-20-71	6,000	0	-	-
		10-6-71	1,500	210	-	-
		1-17-72	3,800	75	-	-
		4-6-72	4,400	90	-	-
		6-19-72	5,200	40	-	-
		9-25-72	18,000	120	270	.44
		2-5-73	1,700	48	180	.27
		3-28-73	15,000	140	190	.71
		7-6-73	90	10	46	.22
		8-28-73	560	210	28	7.5
		9-24-73	2,200	-	240	-
		1-18-74	260	-	30	-
		4-18-74	270	10	490	.02
		7-27-74	19,000	80	24	1.7
		10-23-74	180	70	40	1.8
Plantation Canal	14	2-28-69	1,300	-	-	-
		6-17-69	2,700	-	-	-
		9-28-70	1,200,000	26,000	-	-
		1-27-71	38,000	100	-	-
		5-19-71	240,000	-	-	-
		7-8-71	140,000	700	-	-
		10-5-71	-	800	-	-
		1-17-72	210,000	300	-	-
		4-5-72	1,400	0	-	-
		6-19-72	6,400	100	-	-
		9-28-72	2,700	200	200	1.0
		1-30-73	380,000	710	80	8.9
		3-23-73	6,000	-	200	-
		6-28-73	36,000	100	40	2.5
		8-29-73	7,900	300	130	2.6
		9-24-73	1,000	-	100	-
		1-18-74	290,000	-	400	-
		4-18-74	13,000	-	-	-
		7-23-74	56,000	1,200	110	11.2

1/ Fecal coliform - fecal streptococci ratio

TABLE 8. --Coliform and fecal streptococci bacteria in surface water.

(colonies per 100 millilitres)

CANAL	Station Number	Date of collection	Total Coliform	Fecal Coliform	Fecal Streptococci	FC/FS[1/] Ratio
Plantation Canal	15	2-28-69	45	-	-	-
		6-17-69	3,200	-	-	-
		1-27-71	150,000	20,000	-	-
		5-19-71	95,000	-	-	-
		7-8-71	30,000	900	900	-
		10-5-71	300,000	1,500	-	-
		1-17-72	280,000	1,400	-	-
		4-5-72	4,200	70	-	-
		9-28-72	3,900	1,000	1,000	1.0
		1-30-73	1,500	10	80	.12
		2-23-73	7,100,000	700	8,400	.08
		6-28-73	350,000	2,900	170	17
		8-29-73	25,000	230	52	4.5
		9-24-73	400	-	100	-
		1-18-74	310,000	-	3,600	-
		4-18-74	550,000	500	150	3.4
		7-23-74	460,000	640	1,800	3.6
		10-23-74	2,300	230	29	7.9
Plantation Canal	16	2-27-69	2,300	-	-	-
		6-16-69	3,200	-	-	-
		9-28-70	74,000	-	-	-
		1-27-71	62,000	50	-	-
		4-29-71	51,000	3,400	-	-
		5-20-71	20,000	1,000	-	-
		7-8-71	75,000	1,900	-	-
		10-5-71	930,000	350	-	-
		1-17-72	16,000	310	-	-
		4-5-72	120,000	760	-	-
		9-28-72	41,000	600	600	1.0
		2-5-73	800,000	7,300	940	7.8
		3-23-73	7,700	220	1,900	.12
		6-28-73	40,000	800	730	1.1
		8-29-73	7,400	320	300	1.0
		9-24-73	4,900	-	1,200	-
		1-18-74	260,000	-	300	-
		4-18-74	140,000	3,300	2,100	1.6
		7-23-74	67,000	2,600	90	29
		10-23-74	1,700	40	54	.74

1/ Fecal coliform - fecal streptococci ratio

TABLE 8. --Coliform and fecal streptococci bacteria in surface water.

(colonies per 100 millilitres)

CANAL	Station Number	Date of collection	Total Coliform	Fecal Coliform	Fecal Streptococci	FC/FS[1/] Ratio
Plantation Canal	16E	8-29-73	3,700	310	300	1.0
		9-24-73	3,100	-	1,000	-
		1-18-74	170,000	-	100	-
		4-18-74	20,000	720	320	2.3
		7-23-74	42,000	460	60	7.7
		10-23-74	5,600	50	36	1.4
Plantation Canal	17	2-27-69	1,700	-	-	-
		6-16-69	28,000	-	-	-
		4-29-71	600	100	-	-
		7-8-71	8,400	350	-	-
		10-5-71	1,000	0	-	-
		1-17-72	4,000	25	-	-
		4-4-72	3,400	230	-	-
		6-19-72	21,000	450	-	-
		9-28-72	2,600	100	50	2.0
		1-30-73	3,000	30	70	.43
		3-23-73	310	20	10	2.0
		6-28-73	3,100	170	170	.89
		8-29-73	590	110	130	.89
		9-24-73	3,200	-	240	-
		1-18-74	1,600	-	100	-
		4-18-74	1,000	120	44	2.8
		7-23-74	2,300	170	96	1.8
		10-23-74	820	160	64	2.5

1/ Fecal coliform - fecal streptococci ratio

TABLE 8. --Coliform and fecal streptococci bacteria in surface water.

(colonies per 100 millilitres)

CANAL	Station Number	Date of collection	Total Coliform	Fecal Coliform	Fecal Streptococci	FC/FS 1/ Ratio
North New River Canal	20	6-17-69	250	-	-	-
		9-28-70	6,000	1,000	-	-
		1-27-71	120	12	-	-
		5-18-71	1,500	-	-	-
		7-8-71	5,400	0	-	-
		10-6-71	4,000	20	-	-
		1-18-72	1,800	50	-	-
		4-4-72	3,900	190	-	-
		6-16-72	15,000	1,100	-	-
		9-26-72	12,000	10	25	.40
		1-30-73	200	0	12	-
		3-21-73	2,600	180	840	.21
		6-20-73	9,000	-	380	-
		8-30-73	2,300	10	36	.28
		9-24-73	1,600	-	1,100	-
		1-18-74	1,200	-	160	-
		4-18-74	36,000	160	380	.43
		7-23-74	5,600	12	170	.07
		10-23-74	22,000	10	7	1.4
North New River Canal	38	9-28-70	100	10	-	-
		1-26-71	790	4	-	-
		5-19-71	1,900	-	-	-
		7-8-71	300	-	-	-
		10-5-71	2,300	30	-	-
		1-18-72	7,000	95	-	-
		4-4-72	5,600	100	-	-
		6-16-72	-	4,100	-	-
		9-26-72	70,000	-	300	-
		2-5-73	1,000	44	270	-
		3-21-73	900	120	360	.33
		6-29-73	13,000	10	40	.25
		8-30-73	-	12	190	.06
		9-24-73	800	-	110	-
		1-18-74	1,600	-	0	-
		4-18-74	2,000	52	14	3.7
		7-23-74	6,500	130	14	9.1
		10-23-74	13,000	210	42	5.0

1/ Fecal coliform - fecal streptococci ratio

TABLE 8. --Coliform and fecal streptococci bacteria in surface water.

(colonies per 100 millilitres)

CANAL	Station Number	Date of collection	Total Coliform	Fecal Coliform	Fecal Streptococci	FC/FS 1/ Ratio
North New River Canal	21	2-27-69	45	-	-	-
		6-17-69	260	-	-	-
		9-28-70	240	30	-	-
		1-26-71	520	16	-	-
		5-19-71	4,000	-	-	-
		7-7-71	1,100	10	-	-
		10-6-71	4,700	30	-	-
		1-18-72	1,200	15	-	-
		4-4-72	-	440	-	-
		6-16-72	15,000	1,100	-	-
		9-27-72	7,000	25	25	1.0
		1-29-73	1,700	24	40	.60
		3-21-73	1,400	10	80	.12
		6-20-73	24,000	60	260	.23
		8-30-73	30	18	96	.19
		9-24-73	3,500	-	230	-
		1-18-74	2,400	-	10	-
		4-18-74	3,700	62	42	1.5
		7-23-74	2,900	10	4	2.5
		10-23-74	9,000	150	110	1.3

1/ Fecal coliform - fecal streptococci ratio

TABLE 8. --Coliform and fecal streptococci bacteria in surface water.

(colonies per 100 millilitres)

CANAL	Station Number	Date of collection	Total Coliform	Fecal Coliform	Fecal Streptococci	FC/FS[1/] Ratio
North New River Canal	22	2-27-69	330	-	-	-
		6-17-69	3,200	-	-	-
		9-28-70	640	20	-	-
		1-26-71	7,800	160	-	-
		4-29-71	850	0	-	-
		5-19-71	3,200	50	-	-
		7-7-71	7,000	-	-	-
		10-6-71	640	70	-	-
		1-18-72	3,400	260	-	-
		4-4-72	12,000	320	-	-
		6-15-72	14,000	280	-	-
		9-28-72	6,000	90	100	1.9
		2-5-73	2,700	60	70	.86
		3-22-73	9,200	70	370	.19
		7-6-73	-	90	4	22
		8-30-73	300	44	210	.21
		9-24-73	750	-	290	-
		1-18-74	26,000	-	150	-
		4-18-74	8,300	1,000	260	4.0
		7-23-74	1,400	340	130	2.6
		10-23-74	170	30	15	2.0

1/ Fecal coliform - fecal streptococci ratio

TABLE 8. --Coliform and fecal streptococci bacteria in surface water.

(colonies per 100 millilitres)

CANAL	Station Number	Date of collection	Total Coliform	Fecal Coliform	Fecal Streptococci	FC/FS[1/] Ratio
South New River Canal	39	9-28-70	400	10	-	-
		1-27-71	110	20	-	-
		5-18-71	1,800	-	-	-
		7-8-71	3,600	30	-	-
		10-6-71	1,300	140	-	-
		1-18-72	180	30	-	-
		4-4-72	2,500	110	-	-
		6-16-72	20,000	1,000	-	-
		9-27-72	3,300	25	60	-
		1-30-73	500	18	46	.40
		3-20-73	250	0	50	-
		6-20-71	15,000	330	3,800	.09
		8-30-73	3,600	170	280	.60
		9-24-73	900	-	446	-
		1-18-74	1,400	-	10	-
		4-18-74	11,000	90	70	1.3
		7-23-74	650	36	110	.33
		10-23-74	480	48	66	.73
South New River Canal	40	9-28-70	3,600	620	-	-
		1-26-71	1,400	75	-	-
		5-19-71	5,600	-	-	-
		7-8-71	3,900	90	-	-
		10-5-71	16,000	160	-	-
		1-18-72	1,200	120	-	-
		4-3-72	9,200	910	-	-
		6-15-72	18,000	1,300	-	-
		9-26-72	18,000	400	1,700	.20
		2-5-73	1,000	70	100	.70
		3-20-73	3,600	520	1,200	.32
		6-19-73	42,000	1,500	500	3.0
		8-30-73	6,100	210	1,200	.18
		9-24-73	2,500	-	640	-
		1-18-74	15,000	-	80	-
		4-18-74	4,000	70	52	1.5
		7-23-74	9,500	12	77	.15
		10-23-74	7,500	420	520	.81

1/ Fecal coliform - fecal streptococci ratio

TABLE 8. --Coliform and fecal streptococci bacteria in surface water.

(colonies per 100 millilitres)

CANAL	Station Number	Date of collection	Total Coliform	Fecal Coliform	Fecal Streptococci	FC/FS[1/] Ratio
South New River Canal	23	2-25-69	2,300	-	-	-
		6-17-69	19,000	-	-	-
		9-28-70	260	40	-	-
		1-26-71	6,800	40	-	-
		5-19-71	15,000	-	-	-
		7-7-71	5,700	50	-	-
		10-5-71	53,000	75	-	-
		1-18-72	1,700	95	-	-
		4-3-72	3,600	540	-	-
		6-15-72	12,000	315	-	-
		9-28-72	4,000	150	320	.47
		2-5-73	6,800	900	240	3.8
		3-21-73	13,000	80	130	.62
		6-19-73	11,000	470	760	.61
		8-30-73	1,600	300	460	.65
		9-24-73	3,100	-	-	-
		1-18-74	2,400	-	0	-
		4-18-74	1,900	32	32	1.0
		7-23-74	21,000	420	160	2.6
		10-23-74	680	230	88	2.6

1/ Fecal coliform - fecal streptococci ratio

TABLE 8. --Coliform and fecal streptococci bacteria in surface water.

(colonies per 100 millilitres)

CANAL	Station Number	Date of collection	Total Coliform	Fecal Coliform	Fecal Streptococci	FC/FS 1/ Ratio
South New River Canal	41	9-28-71	6,200	440	-	-
		1-26-71	4,100	120	-	-
		4-29-71	1,600	80	-	-
		5-19-71	1,500	120	-	-
		7-7-71	1,000	-	-	-
		10-5-71	7,500	160	-	-
		1-18-72	5,600	360	-	-
		4-3-72	15,000	670	-	-
		6-15-72	10,000	800	-	-
		9-27-72	16,000	340	60	5.6
		1-30-73	600	80	60	1.3
		3-22-73	140	10	40	.25
		6-20-73	11,000	110	180	.61
		8-29-73	2,100	1,900	300	6.2
		9-24-73	1,700	-	530	-
		1-18-73	1,500	-	130	-
		4-18-73	14,000	270	1,200	.23
		7-23-73	350	270	24	11.2
		10-23-74	380	60	0	0
South New River Canal	24	2-25-69	2,300	-	-	-
		6-17-69	2,000,000	-	-	-
		4-30-71	3,000	400	-	-
		7-7-71	120	0	-	-
		10-5-71	1,100	60	-	-
		1-18-72	48,000	5,500	-	-
		4-3-72	19,000	240	-	-
		6-15-72	4,600	330	-	-
		9-27-72	1,800	40	20	2.0
		2-5-73	220	4	8	.50
		3-22-73	210	20	10	2.0
		6-19-73	1,000	40	60	.67
		8-29-73	790	150	150	.97
		9-24-73	2,000	-	-	-
		1-18-74	2,000	-	20	-
		4-18-74	125	26	25	1.0
		7-23-74	2,500	120	48	2.5
		10-23-74	580	110	60	1.9

1/ Fecal coliform - fecal streptococci ratio

TABLE 8. --Coliform and fecal streptococci bacteria in surface water.

(colonies per 100 millilitres)

CANAL	Station Number	Date of collection	Total Coliform	Fecal Coliform	Fecal Streptococci	FC/FS[1/] Ratio
David Road Canal	42	9-28-70	400	0	-	-
		1-26-71	100,000	2,500	-	-
		5-19-71	390,000	-	-	-
		7-8-71	120,000	1,500	-	-
		1-18-72	4,600	260	-	-
		4-4-72	42,000	220	-	-
		6-19-72	11,000	60	-	-
		9-27-72	82,000	-	40	-
		1-30-73	7,600	20	100	.20
		3-22-73	1,600	0	100	-
		6-20-73	-	2,100	1,000	2.1
		8-29-73	4,400	530	300	1.8
		9-24-73	600	-	98	-
		1-18-74	35,000	-	200	-
		4-18-74	62,000	2,700	300	8.9
		7-23-74	53,000	1,200	16	7.5
		10-23-74	10,000	50	18	2.8
Snake Creek Canal	43	9-28-70	60	0	-	-
		1-26-71	460	0	-	-
		5-19-71	1,300	-	-	-
		7-8-71	1,300	90	-	-
		10-6-71	1,400	25	-	-
		1-18-72	280	5	-	-
		4-4-72	1,500	30	-	-
		6-16-72	-	2,400	-	-
		9-27-72	8,600	5	20	.25
		1-30-73	540	16	0	-
		3-20-73	100	10	0	-
		6-19-73	8,000	70	90	.77
		8-29-73	1,700	20	300	.06
		9-24-73	1,000	-	950	-
		1-18-74	170	-	30	-
		4-18-74	22,000	18	88	.20
		7-23-74	12,000	48	32	1.5
		10-23-74	1,000	10	14	.70

1/ Fecal coliform - fecal streptococci ratio

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