

A SUMMARY OF
AMBIENT WATER QUALITY DATA
FOR LOWER CATFISH CREEK,
NORTH CREEK, AND SOUTH CREEK
SARASOTA COUNTY
1980 - 1985

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A SUMMARY OF AMBIENT WATER QUALITY DATA FOR
LOWER CATFISH CREEK, NORTH CREEK, AND SOUTH CREEK
SARASOTA COUNTY, 1980 - 1985

1.0 INTRODUCTION

Conservation Consultants, Inc. was requested by Palmer Venture to assess ambient water quality in the lower reaches of Catfish Creek, North Creek and South Creek in Sarasota County, Florida. The 10,500 acre Palmer Ranch, a landholding of Palmer Venture, encompasses much of the area surrounding and upstream of the water bodies of concern.

The assessment included a single event sampling program conducted on November 14 and 18, 1985, and the compilation and review of historical data for the period 1980 through 1985. The purpose of the sampling program and historical data review was to document ambient water quality conditions in the areas of concern with specific reference to compliance with State of Florida Water Quality Standards (Ch. 17-3, F.A.C.).

The report presents the results of the sampling program and literature compilation. Ambient water quality data reflecting non-compliance with State Standards is tabulated by parameter for each creek. All source data of the sampling program and literature compilation are appended.

2.0 RESULTS

This section contains the results of the single-event water quality assessment of the lower reaches of Catfish Creek, North Creek, and South Creek performed on November 14 and 18, 1985, and provides a data review of four other water quality assessments performed in these streams since 1980. A summary of the non-compliance conditions observed during the single-event survey as well as those reported by other surveys are also provided herein.

Figure 1 shows the locations of the sampling sites used during these programs to assess the water quality of the lower reaches of Catfish Creek, North Creek, and South Creek.

2.1 Single-Event Water Quality Assessment

CCI performed a single-event water quality assessment at three sampling sites in Catfish Creek (CX1, CX2, and CX3), two sampling sites in North Creek (NX1 and NX2), and four sampling sites in South Creek (SX1, SX2, SX3, and SX5). The locations of these nine (9) sampling sites are shown in Figure 1.

Grab water samples and in situ measurements of dissolved oxygen, pH, specific conductivity, and water temperature were taken at mid-depth at each of the nine sampling sites on November 14, 1985. Grab samples were preserved in the field and returned to the laboratory for analysis using procedures approved by the Florida Department of Environmental Regulation. The following analyses were performed:

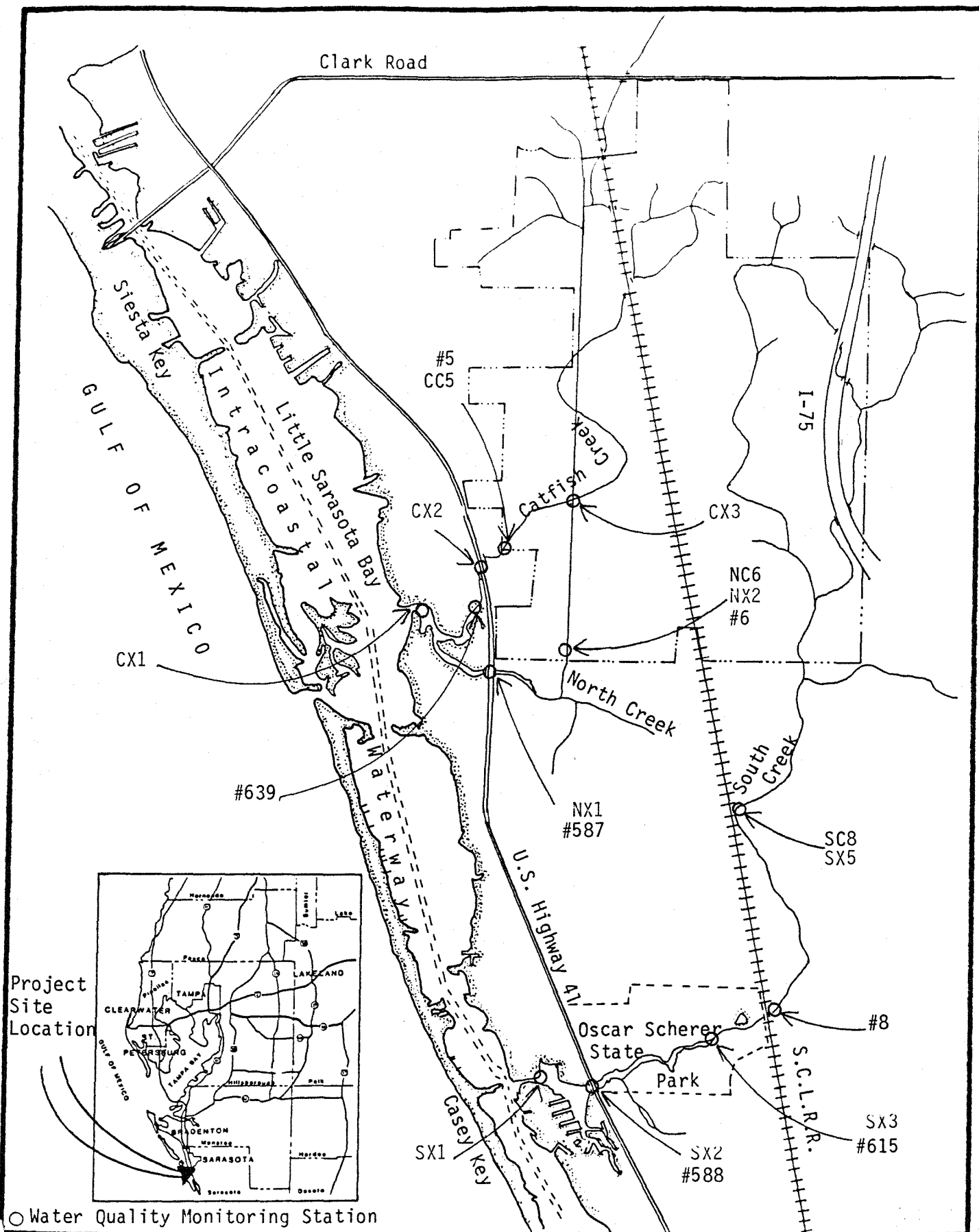


FIGURE 1. Locations of Monitoring Stations in the Lower Reaches of Catfish Creek, North Creek, and South Creek



Aluminum	Ammonium (Total & Unionized)
Arsenic	Total Nitrogen
Cadmium	Nitrate
Chromium (Total & Hexavalent)	Nitrite
Copper	Total Phosphate
Cyanide	Orthophosphate
Iron	Chloride
Lead	Fluoride
Manganese	Oil & Grease
Mercury	Organochlorine Pesticides & PCB
Nickel	Gross Alpha
Silver	Total Hardness
Zinc	
Selenium	

On November 18, 1985, another grab sample was collected at mid-depth at each of the nine (9) sampling sites and returned to the laboratory for bacteriological analyses of total and fecal coliforms.

The results of the single-event survey are tabulated in Exhibit A for Catfish Creek, Exhibit B for North Creek, and Exhibit C for South Creek. Data showing non-compliance conditions with respect to state water quality standards (F.A.C. 17-3) are denoted by asterisks.

2.2 Literature/Data Review

The literature/data review entailed a review of four sets of ambient water quality data. These included a surface water quality baseline assessment of the streams traversing Palmer Ranch (Patton & Associates, 1984). As shown in Figure 1, Patton and Associates (1984) monitored the lower reaches of Catfish Creek, North Creek, and South Creek at Sites #5, #6, and #8, respectively. They conducted grab sampling and in situ measurements at each site on a bimonthly frequency during the six-month period of August, 1983 through February, 1984. The following parameters were measured:

Dissolved Oxygen	Fecal Coliform
Temperature	Total Coliform
Conductivity	Oil & Grease
pH	Pesticide scan
Ammonia	Arsenic
Nitrite	Cadmium
Nitrate	Chromium
Total Kjeldahl Nitrogen	Lead
Orthophosphate	Mercury
Total Phosphate	Nickel
Total Suspended Solids	Zinc
BOD	Copper

Tabulated results of the acquired data including an identification of non-compliance conditions are provided in Exhibit D (lower Catfish Creek), Exhibit E (lower North Creek), and Exhibit F (lower South Creek).

Similarly, Palmer Venture (1985) reported ambient water quality data acquired in the lower reaches of Catfish Creek, North Creek, and South Creek during the period of May, 1984 - March, 1985. Two sites, one located in lower Catfish Creek (CC-5) and the other site located in lower North Creek (NC-6) corresponded with two sites monitored by Patton and Associates (1984). A third sampling site (SC-8) was located on South Creek upstream of Oscar Scherer State Park. Sampling and analysis was performed bimonthly for the following parameters:

Ammonia	Total Suspended Solids
Total Kjeldahl Nitrogen	Turbidity
Nitrite	Total Coliform
Nitrate	Fecal Coliform
Orthophosphate	Pesticide scan
Total Phosphate	Temperature
BOD	Conductivity
Oil & Grease	pH
Lead	Dissolved Oxygen

Data reported by Palmer Venture (1985) are presented in Exhibits G, H, and I for Catfish Creek, North Creek, and South Creek, respectively. Non-compliance conditions are denoted by asterisks.

The Environmental Services Laboratory of Sarasota County (1985) is conducting a continuing countywide monitoring program which includes stations located in the lower reaches of Catfish Creek (#639), North Creek (#587), and South Creek (#588 and #615). These stations are identified in Figure 1. Sarasota County monitors each station on a monthly or bimonthly basis for the following parameters:

Total Coliform	Color
Fecal Coliform	Orthophosphate
Fecal Streptococcus	Total Phosphate
Temperature	Nitrite
Dissolved Oxygen	Nitrate
Conductivity	Ammonia
pH	Organic Nitrogen
Turbidity	Total Nitrogen

Results of the Sarasota County monitoring program including notations of non-compliance levels are presented in Exhibit J (lower Catfish Creek), Exhibit K (lower North Creek), and Exhibit L (lower South Creek) for the period of 1980-1985.

Conservation Consultants, Inc. (1985) initiated a quarterly water quality monitoring program in the streams traversing the Palmer Ranch site during September, 1985. Three of the sampling sites are located in lower Catfish Creek (CC-5), North Creek (NC-6), and South Creek (SC-8) as shown in Figure 1. Samples are collected quarterly and analyzed for the following list of parameters:

BOD
Cadmium
Chromium
Total Coliform
Fecal Coliform
Copper
Lead
Nickel
Ammonia
Total Nitrogen
Nitrate
Nitrite
Total Phosphate

Orthophosphate
Total Suspended Solids
Turbidity
Zinc
Conductivity
Dissolved Oxygen
pH
Temperature
Arsenic
Mercury
Oil & Grease
Pesticides
PCB

Exhibits M, N, and O provide tabulated listings of the ambient water quality data acquired by Conservation Consultants, Inc. in lower Catfish Creek, North Creek, and South Creek during September, 1985.

2.3 Summary of Reported Violations

Non-compliance data noted in the review of these four databases as well as observed during the single-event sampling program are summarized in the following tables. Table 1 lists the violations reported in lower Catfish Creek, and Table 2 lists those reported in lower North Creek. South Creek violations are provided in Table 3.

Table 1. Summary of Surface Water Quality Violations Reported in the Lower Reach of Catfish Creek during the Period of 1980-1985.

Parameter	Reference ^a	Station	Date	Value	Standard
I. ORGANICS					
Oil & Grease (mg/l)	1	#5	Oct. 1983	8.5	Max. of 5.0 mg/l
II. TRACE ELEMENTS					
Cadmium (ug/l)	1	#5	Sept. 1983	3	Max. of 1.2 ug/l
Cadmium (ug/l)	1	#5	Oct. 1983	2	Max. of 1.2 ug/l
Cadmium (ug/l)	1	#5	Dec. 1983	2	Max. of 1.2 ug/l
Cadmium (ug/l)	1	#5	Jan. 1984	7	Max. of 1.2 ug/l
Copper (ug/l)	5	CX1	Nov. 14, 1985	51	Max. of 15 ug/l
Iron (mg/l)	5	CX1	Nov. 14, 1985	0.48	Max. of 0.3 mg/l
Lead (ug/l)	1	#5	Sept. 1983	42	Max. of 30 ug/l
Lead (ug/l)	2	CC-5	May 1984	60	Max. of 30 ug/l
Lead (ug/l)	2	CC-5	Jan. 1985	52	Max. of 30 ug/l
Mercury (ug/l)	1	#5	Sept. 1983	24	Max. of 0.2 ug/l
Nickel (mg/l)	5	CX1	Nov. 14, 1985	0.33	Max. of 0.1 mg/l
III. INORGANICS					
Dissolved Oxygen (mg/l)	1	#5	Aug. 1983	4.9	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	2	CC-5	Nov. 1984	2.8	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	2	CC-5	Jan. 1985	4.2	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	2	CC-5	Mar. 1985	2.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Feb. 4, 1980	2.6	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Mar. 18, 1980	4.1	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	May 5, 1980	1.7	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	June 30, 1980	1.2	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	July 28, 1980	1.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Sept. 8, 1980	0.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Oct. 13, 1980	1.1	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Dec. 15, 1980	0.6	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Feb. 2, 1981	2.7	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Mar. 2, 1981	3.2	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	April 6, 1981	4.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	May 11, 1981	2.7	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	June 15, 1981	0.1	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	June 30, 1981	0.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Aug. 3, 1981	0.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Oct. 5, 1981	0.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Nov. 9, 1981	3.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Jan. 5, 1982	3.9	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	April 5, 1982	4.6	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Aug. 24, 1982	3.5	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Sept. 20, 1982	3.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	May 31, 1983	2.3	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	July 5, 1983	2.5	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Aug. 10, 1983	3.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Sept. 6, 1983	2.5	Min. of 5 mg/l

^aReferences: Patton & Associates, 1984 (1); Palmer Venture, 1985 (2); Sarasota County, 1985 (3); Conservation Consultants, Inc., 1985 (4); and single event sampling program performed by Conservation Consultants, Inc., during November, 1985 (5).

Table 1. (Continued).

Parameter	Reference ^a	Station	Date	Value	Standard
Dissolved Oxygen (mg/l)	3	#639	May 2, 1984	3.8	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	June 6, 1984	3.7	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	July 9, 1984	4.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Aug. 1, 1984	4.3	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Sept. 19, 1984	3.2	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Oct. 24, 1984	0.5	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Feb. 25, 1985	2.8	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Mar. 25, 1985	3.3	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	April 22, 1985	2.3	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Aug. 20, 1985	1.5	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#639	Sept. 25, 1985	4.6	Min. of 5 mg/l
IV. BACTERIA					
Fecal Coliform (#/100 ml)	1	#5	Feb. 1984	930	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	2	CC-5	May 1983	1600	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	2	CC-5	July 1983	>2400	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	2	CC-5	Sept. 1983	920	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	2	CC-5	Nov. 1983	>2400	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	2	CC-5	Jan. 1984	1600	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	2	CC-5	Mar. 1984	920	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	3	#639	Mar. 18, 1980	4600	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	3	#639	April 15, 1980	2500	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	3	#639	Feb. 2, 1981	3100	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	3	#639	Aug. 3, 1981	5500	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	3	#639	Jan. 10, 1983	980	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	3	#639	Aug. 10, 1983	>6000	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	3	#639	Nov. 21, 1983	1200	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	3	#639	Mar. 25, 1985	2300	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	5	CX2	Nov. 18, 1983	9000	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	5	CX3	Nov. 18, 1985	5000	Max. of 800/100 ml
Total Coliform (#/100 ml)	2	CC-5	May 1984	>2400	Max. of 2400/100 ml
Total Coliform (#/100 ml)	2	CC-5	July 1984	>2400	Max. of 2400/100 ml
Total Coliform (#/100 ml)	2	CC-5	Nov. 1984	>2400	Max. of 2400/100 ml
Total Coliform (#/100 ml)	2	CC-5	Jan. 1985	>2400	Max. of 2400/100 ml
Total Coliform (#/100 ml)	2	CC-5	Mar. 1985	>2400	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#639	Feb. 4, 1980	4200	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#639	Mar. 18, 1980	20,000	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#639	April 15, 1980	3700	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#639	Sept. 8, 1980	4300	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#639	Feb. 2, 1981	34,000	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#639	Aug. 3, 1981	6,000	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#639	Jan. 5, 1982	2700	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#639	Nov. 30, 1982	23,000	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#639	Jan. 10, 1983	3200	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#639	Mar. 28, 1983	3000	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#639	Nov. 21, 1983	3100	Max. of 2400/100 ml
Total Coliform (#/100 ml)	4	CC-5	Sept. 16, 1985	34,000	Max. of 2400/100 ml

^aReferences: Patton & Associates, 1984 (1); Palmer Venture, 1985 (2); Sarasota County, 1985 (3); Conservation Consultants, Inc., 1985 (4); and single event sampling program performed by Conservation Consultants, Inc., during November, 1985 (5).

Table 2. Summary of Surface Water Quality Violations Reported in the Lower Reach of North Creek during the Period of 1980-1985.

Parameter	Reference ^a	Station	Date	Value	Standard
I. ORGANICS					
Oil & Grease (mg/l)	1	#6	Oct. 1983	6	Max. of 5 mg/l
II. TRACE ELEMENTS					
Cadmium (ug/l)	1	#6	Oct. 1983	2.0	Max. of 1.2 ug/l
Cadmium (ug/l)	1	#6	Dec. 1983	2.0	Max. of 1.2 ug/l
Copper (ug/l)	5	NX1	Nov. 14, 1985	53	Max. of 15 ug/l
Iron (mg/l)	5	NX1	Nov. 14, 1985	0.35	Max. of 0.3 mg/l
Iron (mg/l)	5	NX2	Nov. 14, 1985	5.07	Max. of 1.0 mg/l
Lead (ug/l)	2	NC-6	May 1984	90	Max. of 30 ug/l
Mercury (ug/l)	4	NC-6	Sept. 1985	0.4	Max. of 0.2 ug/l
Nickel (mg/l)	5	NX1	Nov. 14, 1985	0.21	Max. of 0.1 mg/l
III. INORGANICS					
Dissolved Oxygen (mg/l)	1	#6	Aug. 1983	4.3	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	1	#6	Sept. 1983	1.4	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	1	#6	Oct. 1983	2.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	1	#6	Dec. 1983	1.6	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	1	#6	Jan. 1984	2.7	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	1	#6	Feb. 1984	4.7	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	2	NC-6	May 1984	2.7	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	2	NC-6	July 1984	1.6	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	2	NC-6	Sept. 1984	1.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	2	NC-6	Nov. 1984	3.2	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Feb. 2, 1980	4.8	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Mar. 18, 1980	3.8	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	April 15, 1980	3.7	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	May 5, 1980	3.5	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	June 30, 1980	2.2	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	July 28, 1980	2.7	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Sept. 8, 1980	1.9	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Oct. 13, 1980	2.1	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Dec. 15, 1980	4.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Feb. 2, 1981	3.9	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	April 6, 1981	2.2	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	May 11, 1981	4.3	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	June 15, 1981	2.4	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	June 30, 1981	2.5	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Aug. 3, 1981	3.1	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Aug. 31, 1981	2.1	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Oct. 5, 1981	3.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Jan. 5, 1982	4.3	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	April 5, 1982	4.5	Min. of 5 mg/l

^aReferences: Patton & Associates, 1984 (1); Palmer Venture, 1985 (2); Sarasota County, 1985 (3); Conservation Consultants, Inc., 1985 (4); and single event sampling program performed by Conservation Consultants, Inc., during November, 1985 (5).

Table 2. (Continued).

Parameter	Reference ^a	Station	Date	Value	Standard
Dissolved Oxygen (mg/l)	3	#587	Aug. 24, 1982	3.7	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Sept. 20, 1982	2.8	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Mar. 28, 1983	4.5	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	May 31, 1983	3.6	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Aug. 10, 1983	3.5	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Sept. 6, 1983	3.4	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	May 2, 1984	3.6	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	June 6, 1984	4.3	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	July 9, 1984	3.3	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Aug. 1, 1984	4.7	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Sept. 19, 1984	3.6	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Oct. 24, 1984	4.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Mar. 25, 1985	4.5	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Aug. 20, 1985	2.3	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#587	Sept. 25, 1985	3.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	4	NC-6	Sept. 16, 1985	0.6	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	5	NX2	Nov. 14, 1985	0.7	Min. of 5 mg/l
IV. BACTERIA					
Fecal Coliform (#/100 ml)	1	#6	Sept. 1983	1100	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	1	#6	Dec. 1983	24,000	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	2	NC-6	May 1984	>2400	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	2	NC-6	Nov. 1984	>2400	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	3	#587	Feb. 2, 1981	940	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	3	#587	Mar. 28, 1983	830	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	3	#587	Nov. 21, 1983	1300	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	5	NX2	Nov. 18, 1985	1300	Max. of 800/100 ml
Total Coliform (#/100 ml)	3	#587	Mar. 18, 1980	3400	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#587	Oct. 13, 1980	5100	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#587	Feb. 2, 1981	3300	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#587	Nov. 21, 1980	5000	Max. of 2400/100 ml
Total Coliform (#/100 ml)	1	#6	Dec. 1983	24,000	Max. of 2400/100 ml
Total Coliform (#/100 ml)	2	NC-6	May 1984	>2400	Max. of 2400/100 ml
Total Coliform (#/100 ml)	2	NC-6	Sept. 1984	>2400	Max. of 2400/100 ml
Total Coliform (#/100 ml)	2	NC-6	Nov. 1984	>2400	Max. of 2400/100 ml
Total Coliform (#/100 ml)	4	NC-6	Sept. 16, 1985	44,000	Max. of 2400/100 ml

^aReferences: Patton & Associates, 1984 (1); Palmer Venture, 1985 (2); Sarasota County, 1985 (3); Conservation Consultants, Inc., 1985 (4); and single event sampling program performed by Conservation Consultants, Inc., during November, 1985 (5).

Table 3. Summary of Surface Water Quality Violations Reported in the Lower Reach of South Creek during the Period of 1980-1985.

Parameter	Reference ^a	Station	Date	Value	Standard ^b
I. ORGANICS					
Oil & Grease (mg/l)	1	#8	Aug. 1983	8	Max. of 5 mg/l
Oil & Grease (mg/l)	1	#8	Oct. 1983	9	Max. of 5 mg/l
Oil & Grease (mg/l)	2	SC-8	Mar. 1985	8.8	Max. of 5 mg/l
II. TRACE ELEMENTS					
Arsenic (ug/l)	1	#8	Dec. 1983	63	Max. of 50 ug/l
Cadmium (ug/l)	1	#8	Sept. 1983	3	Max. of 1.2 ug/l
Cadmium (ug/l)	1	#8	Oct. 1983	2	Max. of 1.2 ug/l
Cadmium (ug/l)	1	#8	Dec. 1983	2	Max. of 1.2 ug/l
Cadmium (ug/l)	1	#8	Jan. 1984	13	Max. of 1.2 ug/l
Copper (ug/l)	5	SX1	Nov. 14, 1985	71	Max. of 15 ug/l
Copper (ug/l)	5	SX2	Nov. 14, 1985	74	Max. of 15 ug/l
Iron (mg/l)	5	SX1	Nov. 14, 1985	0.44	Max. of 0.3 mg/l
Iron (mg/l)	5	SX2	Nov. 14, 1985	0.43	Max. of 0.3 mg/l
Iron (mg/l)	5	SX3	Nov. 14, 1985	0.62	Max. of 0.3 mg/l
Iron (mg/l)	5	SX3	Nov. 14, 1985	1.54	Max. of 1.0 mg/l
Lead (ug/l)	1	#8	Sept. 1984	42	Max. of 30 ug/l
Lead (ug/l)	2	SC-8	May 1984	60	Max. of 30 ug/l
Lead (ug/l)	2	SC-8	Jan. 1985	70	Max. of 30 ug/l
Mercury (ug/l)	1	#8	Sept. 1984	24	Max. of 0.2 ug/l
Mercury (ug/l)	5	SX5	Nov. 14, 1985	0.9	Max. of 0.2 ug/l
Nickel (mg/l)	5	SX1	Nov. 14, 1985	0.28	Max of 0.1 mg/l
Nickel (mg/l)	5	SX2	Nov. 14, 1985	0.27	Max of 0.1 mg/l
III. INORGANICS					
Dissolved Oxygen (mg/l)	1	#8	Aug. 1983	4.2	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	1	#8	Sept. 1983	2.1	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	1	#8	Oct. 1983	3.4	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	1	#8	Dec. 1983	4.3	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	2	SC-8	July 1984	3.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	2	SC-8	Sept. 1984	3.4	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	2	SC-8	Nov. 1984	4.3	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	2	SC-8	Jan. 1985	4.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	2	SC-8	Mar. 1985	4.6	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	Mar. 18, 1980	4.7	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	Mar. 18, 1980	3.6	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	May 5, 1980	3.7	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	April 15, 1980	4.3	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	May 5, 1980	4.3	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	June 30, 1980	2.8	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	June 30, 1980	3.0	Min. of 5 mg/l

^aReferences: Patton & Associates, 1984 (1); Palmer Venture, 1985 (2); Sarasota County, 1985 (3); Conservation Consultants, Inc., 1985 (4); and single event sampling program performed by Conservation Consultants, Inc., during November, 1985 (5).

^bClass III standards were used as a basis of determining violations at Station #615 which is located in a segment of South Creek classified as an Outstanding Florida Water.

Table 3. (Continued).

Parameter	Reference ^a	Station	Date	Value	Standard ^b
Dissolved Oxygen (mg/l)	3	#588	July 28, 1980	3.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	July 28, 1980	2.3	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	Sept. 8, 1980	1.9	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	Sept. 8, 1980	1.7	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	Nov. 3, 1980	3.8	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	Nov. 3, 1980	3.5	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	Jan. 26, 1981	2.8	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	Mar. 30, 1981	1.6	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	May 4, 1981	4.2	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	May 4, 1981	4.1	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	June 22, 1981	3.4	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	June 22, 1981	1.4	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	July 20, 1981	1.6	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	July 20, 1981	2.6	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	Sept. 21, 1981	3.8	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	Sept. 21, 1981	0.8	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	Nov. 2, 1981	2.9	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	Dec. 28, 1981	3.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	Feb. 16, 1982	4.9	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	Feb. 16, 1982	4.6	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	Mar. 29, 1982	4.8	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	May 24, 1982	2.7	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	May 24, 1982	3.3	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	July 20, 1982	2.9	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	July 20, 1982	1.8	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	Oct. 18, 1982	3.8	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	Dec. 13, 1982	4.6	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	May 23, 1983	3.1	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	May 28, 1983	4.1	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	June 20, 1983	2.5	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	June 20, 1983	3.4	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	July 27, 1983	4.8	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	Aug. 29, 1983	2.4	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	Aug. 29, 1983	2.7	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	Oct. 11, 1983	2.9	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	Oct. 11, 1983	3.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	Nov. 14, 1983	4.3	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	Dec. 7, 1983	4.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	Mar. 26, 1984	4.6	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	April 24, 1984	4.8	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	May 29, 1984	3.4	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	May 29, 1984	3.9	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	July 23, 1984	2.5	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	July 23, 1984	2.1	Min. of 5 mg/l

^aReferences: Patton & Associates, 1984 (1); Palmer Venture, 1985 (2); Sarasota County, 1985 (3); Conservation Consultants, Inc., 1985 (4); and single event sampling program performed by Conservation Consultants, Inc., during November, 1985 (5).

^bClass III standards were used as a basis of determining violations at Station #615 which is located in a segment of South Creek classified as an Outstanding Florida Water.

Table 3. (Continued).

Parameter	Reference ^a	Station	Date	Value	Standard ^b
Dissolved Oxygen (mg/l)	3	#588	Aug. 15, 1984	3.7	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	Aug. 15, 1984	4.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	Oct. 29, 1984	3.7	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	April 15, 1985	3.9	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	May 1, 1985	4.5	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	May 1, 1985	2.6	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	May 22, 1985	2.8	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	May 22, 1985	2.2	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	July 22, 1985	3.9	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	July 22, 1985	4.0	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#588	Sept. 3, 1985	3.7	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	3	#615	Sept. 3, 1985	3.8	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	4	SC-8	Sept. 16, 1985	2.9	Min. of 5 mg/l
Dissolved Oxygen (mg/l)	5	SX3	Nov. 14, 1985	2.6	Min. of 4 mg/l
Dissolved Oxygen (mg/l)	5	SX5	Nov. 14, 1985	4.1	Min. of 5 mg/l
IV. BACTERIA					
Fecal Coliform (#/100 ml)	1	#8	Dec. 1983	1100	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	1	#8	Jan. 1984	2400	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	2	SC-8	July 1984	>2400	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	2	SC-8	Nov. 1984	>2400	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	2	SC-8	Jan. 1985	1600	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	3	#615	Sept. 8, 1980	900	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	3	#588	Jan. 26, 1981	2600	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	3	#615	Jan. 26, 1981	>6000	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	3	#615	Mar. 29, 1982	820	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	3	#588	Sept. 27, 1982	900	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	3	#615	July 27, 1983	2300	Max. of 800/100 ml
Fecal Coliform (#/100 ml)	3	#615	Nov. 14, 1983	1100	Max. of 800/100 ml
Total Coliform (#/100 ml)	1	#8	Dec. 1983	2900	Max. of 2400/100 ml
Total Coliform (#/100 ml)	2	SC-8	Sept. 1984	>2400	Max. of 2400/100 ml
Total Coliform (#/100 ml)	2	SC-8	Nov. 1984	>2400	Max. of 2400/100 ml
Total Coliform (#/100 ml)	2	SC-8	Jan. 1985	>2400	Max. of 2400/100 ml
Total Coliform (#/100 ml)	2	SC-8	Mar. 1985	>2400	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#588	Feb. 4, 1980	4800	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#615	Feb. 4, 1980	6700	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#588	Mar. 18, 1980	3200	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#615	Mar. 18, 1980	5000	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#615	Nov. 3, 1980	2900	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#588	Jan. 26, 1981	3600	Max. of 2400/100 ml
Total Coliform (#/100 ml)	3	#615	Jan. 26, 1981	7100	Max. of 2400/100 ml
Total Coliform (#/100 ml)	4	SC-8	Sept. 16, 1985	33000	Max. of 2400/100 ml

^aReferences: Patton & Associates, 1984 (1); Palmer Venture, 1985 (2); Sarasota County, 1985 (3); Conservation Consultants, Inc., 1985 (4); and single event sampling program performed by Conservation Consultants, Inc., during November, 1985 (5).

^bClass III standards were used as a basis of determining violations at Station #615 which is located in a segment of South Creek classified as an Outstanding Florida Water.

3.0 REFERENCES CITED

1. Patton & Associates, Inc., 1984. Surface Water Quality Assessment, Palmer Ranch, Sarasota County, Florida, An Interim Report: First Six Months' Monitoring. Prepared for Palmer Venture. Sarasota, Florida.
2. Palmer Venture, 1985. Surface Water Quality Monitoring and Assessment, May, 1984 - March, 1985. The Palmer Ranch, Sarasota, Florida. (In preparation)
3. Sarasota County - Environmental Services Laboratory, 1985. Ambient water quality data acquired at Catfish Creek Station #639, North Creek Station #587, and South Creek Stations #588 and #615 during the period of 1980 - 1985.
4. Conservation Consultants, Inc. 1985. Results of surface water quality monitoring of Catfish Creek, North Creek, and South Creek during September, 1985. Monitoring performed for Palmer Venture, Sarasota, Florida.

4.0 EXHIBITS

EXHIBIT A

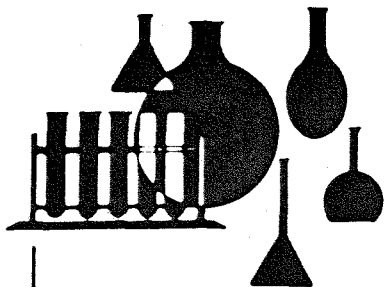
Results of
Single Event Sampling Program
Performed by Conservation Consultants, Inc.
in Catfish Creek
During November, 1985

COLLECTION AND ANALYTICAL METHODS

Parameter	FIELD		Laboratory Handling	Analytical Method	Reference
	Collection	Handling			
Aluminum	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 202
Arsenic	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 206
Bacteria, Fecal Coliform	Grab	Stored on Ice	Immediate Analysis	Membrane Filtration	APHA 909C
Bacteria, Total Coliform	Grab	Stored on Ice	Immediate Analysis	Membrane Filtration	APHA 909A
Cadmium	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 213
Chloride	Grab	Stored on Ice	Stored at 4°C	Mercuric Nitrate Titration	APHA 407B
Chromium, Hexavalent	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 218
Chromium, Total	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 218
Conductivity	<u>In situ</u>	-----	-----	Hydrolab 4000	Manufacturer's Specifications
Copper	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 220
Cyanide, Total	Grab	NaOH to pH >12 Stored on Ice	Stored at 4°C in Dark	Distillation/ Colorimetric	APHA 412B,D
Dissolved Oxygen	<u>In situ</u>	-----	-----	Hydrolab 4000	Manufacturer's Specifications
Fluoride	Grab	Stored on Ice	Stored at 4°C	Selective Ion Electrode	APHA 413B
Hardness, Total	Grab	Acidified to pH <2 stored on ice	Stored at 4°C	EDTA Titration	APHA 314B
Iron	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 236
Lead	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 239
Manganese	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 243
Mercury	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 245
Nickel	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 249

COLLECTION AND ANALYTICAL METHODS
(Continued)

Parameter	FIELD		Laboratory Handling	Analytical Method	Reference
	Collection	Handling			
Nitrogen, Ammonia (Ionized)	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Distillation/ Nesslerization	APHA 417A,B
Nitrogen, Ammonia (Unionized)	----	-----	-----	Calculation based on results for APHA 417A,B (Ammonia Nitrogen - Ionized)	APHA 801E
Nitrogen, Nitrate	Grab	Stored on Ice	Immediate Analysis	Colorimetric - Brucine	EPA 352.1
Nitrogen, Nitrite	Grab	Stored on Ice	Filtered/ Immediate Analysis	Colorimetric - Diazotization	EPA 354.1
Nitrogen, Organic	----	-----	-----	Calculation	APHA 420A
Nitrogen, Total Kjeldahl	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Digestion/Distillation/ Nesslerization	APHA 420A
Nitrogen, Total	----	-----	-----	Calculation	APHA 416
pH	<u>In situ</u>	-----	-----	Hydrolab 4000	Manufacturer's Specifications
Phenols	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Cleanup/Chloroform Extraction	APHA 510A,B
Phosphate, Dissolved Ortho	Grab	Stored on Ice	Filtered/ Immediate Analysis	Colorimetric - Ascorbic Acid	EPA 365.2
Phosphate, Total	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Colorimetric - Persulfate Digestion, Ascorbic Acid	EPA 365.2
Radiation, Gross Alpha	Grab	Acidified to pH <2 Stored on Ice	Stored at Room Temperature	Proportional Counter	APHA 703
Selenium	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 270
Silver	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 272
Temperature	<u>In situ</u>	-----	-----	Hydrolab 4000	Manufacturer's Specifications
Zinc	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 289



Conservation Consultants Inc.

P.O. Box 35 • Palmetto, Florida 33561 • 813/722-6668

LABORATORY I.D. NO. 0380-508/360/N02285

REPORT TO: Palmer Venture

SOURCE OF SAMPLE: Surface Water

7184 Beneva Road

SAMPLE LOCATION: Palmer Ranch

Sarasota, FL 33583

(North Tract)

ATTN: Thomas W. Goodell

DATE OF SAMPLING: November 14, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 1 of 4

RESULTS OF ANALYSIS

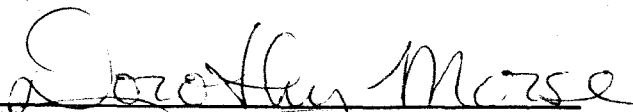
	CX1	CX2	CX3
Laboratory Number	02126	02127	02128
Sample Time	1007	1345	1406
Chloride, as Cl	16,800	1	2
Coliform, Fecal (per 100 mL)*	120	500	140
Coliform, Total (per 100 mL)*	200	9000**	5000**
Copper, Total, as Cu	0.051**	<0.005	<0.005
Fluoride, as F	1.07	0.50	0.43
Hardness, Total, as CaCO ₃	7200	340	260
Iron, Total, as Fe	0.48**	0.56	0.44
Nickel, Total, as Ni	0.33*	<0.01	0.01
Nitrogen, Ammonia, Ionized, as N	0.03	0.11	0.04
Nitrogen, Ammonia, Unionized, as N**	<0.02	<0.02	<0.02
Nitrogen, Nitrate, as N	0.02	0.23	0.02
Nitrogen, Nitrite, as N	<0.01	0.03	<0.01
Nitrogen, Organic, as N	0.02	1.06	0.88
Nitrogen, Total Kjeldahl, as N	0.05	1.17	0.92
Nitrogen, Total, as N	0.07	1.43	0.94
Phosphate, Dissolved Ortho, as P	0.10	0.38	0.18
Phosphate, Total, as P	0.19	0.50	0.27
Zinc, Total, as Zn	0.034	<0.005	0.006
Dissolved Oxygen (field)	6.4	7.7	10.1
pH (Standard Units) (field)	7.5	7.7	8.5
Temperature (°C) (field)	25.1	26.6	26.7

RESULTS EXPRESSED IN mg/l(ppm) UNLESS OTHERWISE DESIGNATED

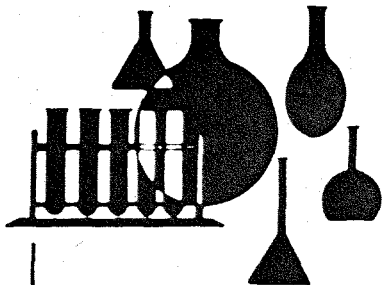
Respectfully submitted by:

*Sampled November 18, 1985

**Calculated theoretical maximum value


Supervisor/Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and/or other EPA approved methods unless otherwise designated.



Conservation Consultants Inc.

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LABORATORY I.D. NO. 0380-508/360/N02285

REPORT TO: Palmer Venture

SOURCE OF SAMPLE: Surface Water

7184 Beneva Road

SAMPLE LOCATION: Palmer Ranch

Sarasota, FL 33583

(North Tract)

ATTN: Thomas W. Goodell

DATE OF SAMPLING: November 14, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 2 of 4

RESULTS OF ANALYSIS

CX1

CX2

CX3

Conductivity at 25°C (umhos/cm)
(field)

45,800

744

665

Water Depth (ft.) (field)

1.15

1.25

0.4

Flow

Strong

Weak

Weak

Tidal Condition

Falling/Mid

Falling/Low

Falling/Low

ANALYSIS BY OUTSIDE LABORATORY ^a

Aluminum, Total, as Al

<0.2

0.1

0.3

Arsenic, Total, as As

<0.005

<0.005

0.007

Cadmium, Total, as Cd

<0.0005

<0.0005

<0.0005

Chromium, Hexavalent, as Cr⁶⁺

<0.005

<0.005

<0.005

Chromium, Total, as Cr

<0.02

<0.02

<0.02

Cyanide, Total, as CN

<0.005

<0.005

<0.005

Lead, Total, as Pb

<0.02

<0.02

<0.02

Manganese, Total, as Mn

<0.01

0.04

0.04

Mercury, Total, as Hg

<0.0001

<0.0002

<0.0002

Oil and Grease

<1

<1

<1

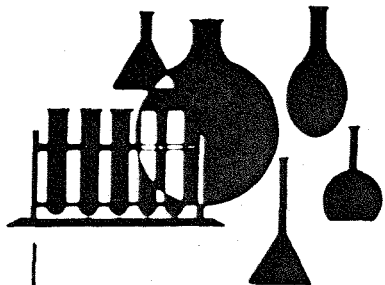
RESULTS EXPRESSED IN mg/l (ppm) UNLESS OTHERWISE DESIGNATED

Respectfully submitted by:

^aData Report on File.

Dorothy Morse
Supervisor/Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and/or other EPA approved methods unless otherwise designated.



Conservation Consultants Inc.

P.O. Box 35 • Palmetto, Florida 33561 • 813/722-6668

LABORATORY I.D. NO. 0380-508/360/N02285

REPORT TO: Palmer Venture SOURCE OF SAMPLE: Surface Water
7184 Beneva Road SAMPLE LOCATION: Palmer Ranch
Sarasota, FL 33583 (North Tract)
ATTN: Thomas W. Goodell

DATE OF SAMPLING: November 14, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 3 of 4

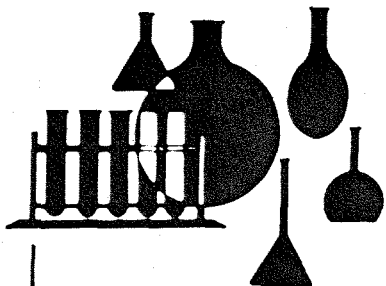
RESULTS OF ANALYSIS	CX1	CX2	CX3
Pesticides, Organochlorine			
Aldrin (ug/l)	<0.003	<0.003	<0.003
alpha-BHC (ug/l)	<0.005	<0.005	<0.005
beta-BHC (ug/l)	<0.005	<0.005	<0.005
delta-BHC (ug/l)	<0.005	<0.005	<0.005
gamma-BHC (ug/l)	<0.005	<0.005	<0.005
Chlordane (ug/l)	<0.01	<0.01	<0.01
4,4'-DDD (ug/l)	<0.03	<0.03	<0.03
4,4'-DDE (ug/l)	<0.01	<0.01	<0.01
4,4'-DDT (ug/l)	<0.001	<0.001	<0.001
Dieldrin (ug/l)	<0.003	<0.003	<0.003
Endosulfan Alpha (ug/L)	<0.003	<0.003	<0.003
Endosulfan Beta (ug/L)	<0.003	<0.003	<0.003
Endosulfan Sulfate (ug/L)	<0.3	<0.3	<0.3
Endrin (ug/L)	<0.004	<0.004	<0.004
Endrin Aldehyde (ug/L)	<0.03	<0.03	<0.03
Heptachlor (ug/L)	<0.001	<0.001	<0.001
Heptachlor Epoxide (ug/L)	<0.005	<0.005	<0.005
Toxaphene (ug/l)	<0.005	<0.005	<0.005
Polychlorinated Biphenyls (ug/l)	<0.001	<0.001	<0.001

RESULTS EXPRESSED IN mg/l (ppm) UNLESS OTHERWISE DESIGNATED

Respectfully submitted by:

Dorothy Morse
Supervisor/Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and or other EPA approved methods unless otherwise designated.



Conservation Consultants Inc.

P.O. Box 35 • Palmetto, Florida 33561 • 813/722-6668

LABORATORY I.D. NO. 0380-508/360/N02285

REPORT TO: Palmer Venture

SOURCE OF SAMPLE: Surface Water

7184 Beneva Road

SAMPLE LOCATION: Palmer Ranch

Sarasota, FL 33583

(North Tract)

ATTN: Thomas W. Goodell

DATE OF SAMPLING: November 14, 1985

SAMPLED BY: R. Odell, M. Phelps

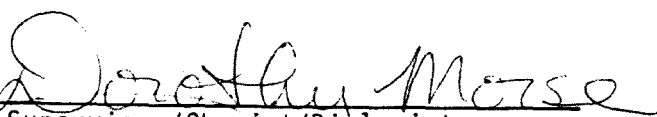
Page 4 of 4

RESULTS OF ANALYSIS	CX1	CX2	CX3
Phenols	<0.001	<0.001	<0.001
Radiation, Gross Alpha (pCi/L)	<2	<2	<2
Selenium, Total, as Se	<0.005	<0.005	<0.005
Silver, Total, as Ag	<0.00005	<0.00007	<0.00007

CCI's Florida Department of Health and Rehabilitative Services (FDHRS)
Laboratory Certification ID Number is 84243.

RESULTS EXPRESSED IN mg/l(ppm) UNLESS OTHERWISE DESIGNATED

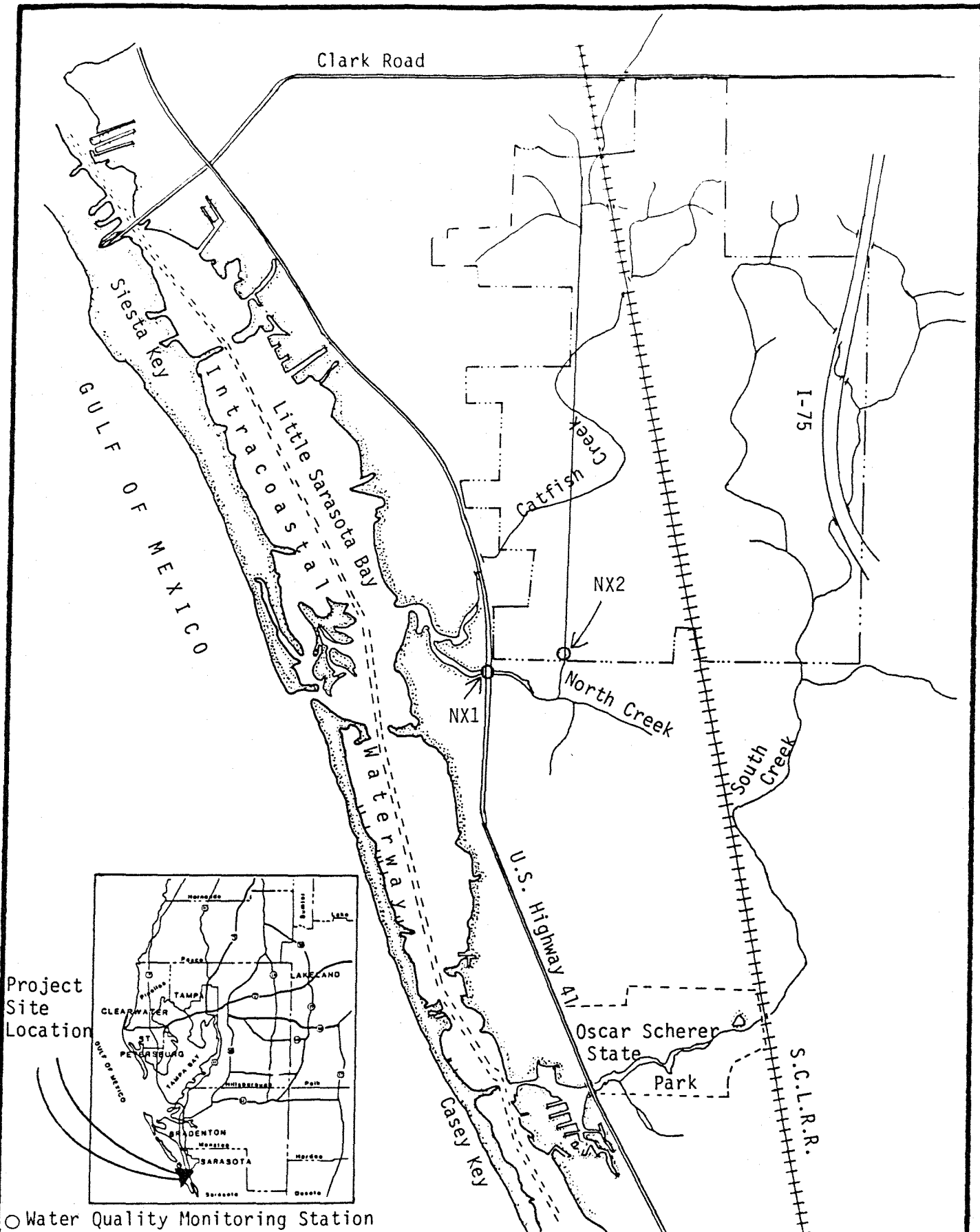
Respectfully submitted by:


Supervisor/Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and/or other EPA approved methods unless otherwise designated.

EXHIBIT B

Results of
Single Event Sampling Program
Performed by Conservation Consultants, Inc.
in North Creek
During November, 1985



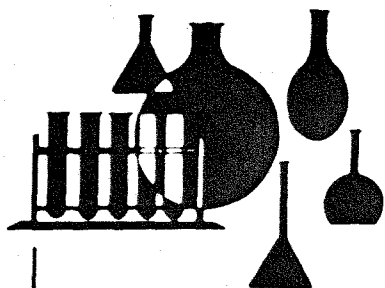
SAMPLING SITE LOCATIONS IN NORTH CREEK
Stations NX1 and NX2

COLLECTION AND ANALYTICAL METHODS

Parameter	FIELD		Laboratory Handling	Analytical Method	Reference
	Collection	Handling			
Aluminum	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 202
Arsenic	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 206
Bacteria, Fecal Coliform	Grab	Stored on Ice	Immediate Analysis	Membrane Filtration	APHA 909C
Bacteria, Total Coliform	Grab	Stored on Ice	Immediate Analysis	Membrane Filtration	APHA 909A
Cadmium	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 213
Chloride	Grab	Stored on Ice	Stored at 4°C	Mercuric Nitrate Titration	APHA 407B
Chromium, Hexavalent	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 218
Chromium, Total	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 218
Conductivity	<u>In situ</u>	-----	-----	Hydrolab 4000	Manufacturer's Specifications
Copper	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 220
Cyanide, Total	Grab	NaOH to pH >12 Stored on Ice	Stored at 4°C in Dark	Distillation/ Colorimetric	APHA 412B,D
Dissolved Oxygen	<u>In situ</u>	-----	-----	Hydrolab 4000	Manufacturer's Specifications
Fluoride	Grab	Stored on Ice	Stored at 4°C	Selective Ion Electrode	APHA 413B
Hardness, Total	Grab	Acidified to pH <2 stored on ice	Stored at 4°C	EDTA Titration	APHA 314B
Iron	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 236
Lead	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 239
Manganese	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 243
Mercury	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 245
Nickel	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 249

COLLECTION AND ANALYTICAL METHODS
(Continued)

Parameter	FIELD		Laboratory Handling	Analytical Method	Reference
	Collection	Handling			
Nitrogen, Ammonia (Ionized)	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Distillation/ Nesslerization	APHA 417A,B
Nitrogen, Ammonia (Unionized)	----	-----	-----	Calculation based on results for APHA 417A,B (Ammonia Nitrogen - Ionized)	APHA 801E
Nitrogen, Nitrate	Grab	Stored on Ice	Immediate Analysis	Colorimetric - Brucine	EPA 352.1
Nitrogen, Nitrite	Grab	Stored on Ice	Filtered/ Immediate Analysis	Colorimetric - Diazotization	EPA 354.1
Nitrogen, Organic	----	-----	-----	Calculation	APHA 420A
Nitrogen, Total Kjeldahl	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Digestion/Distillation/ Nesslerization	APHA 420A
Nitrogen, Total	----	-----	-----	Calculation	APHA 416
pH	<u>In situ</u>	-----	-----	Hydrolab 4000	Manufacturer's Specifications
Phenols	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Cleanup/Chloroform Extraction	APHA 510A,B
Phosphate, Dissolved Ortho	Grab	Stored on Ice	Filtered/ Immediate Analysis	Colorimetric - Ascorbic Acid	EPA 365.2
Phosphate, Total	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Colorimetric - Persulfate Digestion, Ascorbic Acid	EPA 365.2
Radiation, Gross Alpha	Grab	Acidified to pH <2 Stored on Ice	Stored at Room Temperature	Proportional Counter	APHA 703
Selenium	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 270
Silver	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 272
Temperature	<u>In situ</u>	-----	-----	Hydrolab 4000	Manufacturer's Specifications
Zinc	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 289



Conservation Consultants Inc.

P.O. Box 35 • Palmetto, Florida 33561 • 813/722-6668

LABORATORY I.D. NO. 0380-508/360/N02285

REPORT TO: Palmer Venture

SOURCE OF SAMPLE: Surface Water

7184 Beneva Road

SAMPLE LOCATION: Palmer Ranch

Sarasota, FL 33583

(North Tract)

ATTN: Thomas W. Goodell

DATE OF SAMPLING: November 14, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 1 of 4

RESULTS OF ANALYSIS

	NX1	NX2 (NC6)
Laboratory Number	02129	02130
Sample Time	1333	1424
Chloride, as Cl	7470	1
Coliform, Fecal (per 100 mL)*	160	1300**
Coliform, Total (per 100 mL)*	200	2000
Copper, Total, as Cu	0.053*	0.003
Fluoride, as F	0.83	0.44
Hardness, Total, as CaCO ₃	3500	390
Iron, Total, as Fe	0.35**	5.07**
Nickel, Total, as Ni	0.21*	<0.01
Nitrogen, Ammonia, Ionized, as N	0.06	0.15
Nitrogen, Ammonia, Unionized, as N**	<0.02	<0.02
Nitrogen, Nitrate, as N	0.03	0.08
Nitrogen, Nitrite, as N	<0.01	<0.01
Nitrogen, Organic, as N	0.90	3.35
Nitrogen, Total Kjeldahl, as N	0.96	3.50
Nitrogen, Total, as N	0.99	3.58
Phosphate, Dissolved Ortho, as P	0.10	0.15
Phosphate, Total, as P	0.20	0.89
Zinc, Total, as Zn	0.039	0.010
Dissolved Oxygen (field)	10.7	0.7**
pH (Standard Units) (field)	7.5	7.1
Temperature (°C) (field)	28.0	22.1

RESULTS EXPRESSED IN mg/l (ppm) UNLESS OTHERWISE DESIGNATED

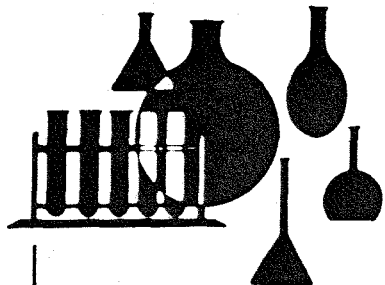
Respectfully submitted by:

*Sampled November 18, 1985

**Calculated theoretical maximum value

Dorothy Morse
Supervisor/Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and/or other EPA approved methods unless otherwise designated.



Conservation Consultants Inc.

R.O. Box 35 • Palmetto, Florida 33561 • 813/722-6668

LABORATORY I.D. NO. 0380-508/360/N02285

REPORT TO: Palmer Venture SOURCE OF SAMPLE: Surface Water
7184 Beneva Road SAMPLE LOCATION: Palmer Ranch
Sarasota, FL 33583 (North Tract)
ATTN: Thomas W. Goodell

DATE OF SAMPLING: November 14, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 2 of 4

RESULTS OF ANALYSIS

NX1

NX2
(NC6)

Conductivity at 25°C (umhos/cm)		
(field)	24,200	750
Water Depth (ft.) (field)	1.0	1.5
Flow	Weak	None
Tidal Condition	Falling/Low	----

ANALYSIS BY OUTSIDE LABORATORY ^a

Aluminum, Total, as Al	<0.2	0.1
Arsenic, Total, as As	<0.005	<0.005
Cadmium, Total, as Cd	<0.0005	<0.0005
Chromium, Hexavalent, as Cr ⁶⁺	<0.005	<0.005
Chromium, Total, as Cr	<0.02	<0.02
Cyanide, Total, as CN	<0.005	<0.005
Lead, Total, as Pb	<0.02	<0.02
Manganese, Total, as Mn	<0.02	0.04
Mercury, Total, as Hg	<0.0001	<0.0002
Oil and Grease	<1	<1

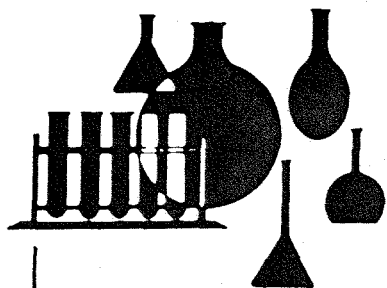
RESULTS EXPRESSED IN mg/l (ppm) UNLESS OTHERWISE DESIGNATED

Respectfully submitted by:

^aData Report on File.

Dorothy Morse
Supervisor/Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and/or other EPA approved methods unless otherwise designated.



Conservation Consultants Inc.

P.O. Box 35 • Palmetto, Florida 33561 • 813/722-6668

LABORATORY I.D. NO. 0380-508/360/N02285

REPORT TO: Palmer Venture SOURCE OF SAMPLE: Surface Water
7184 Beneva Road SAMPLE LOCATION: Palmer Ranch
Sarasota, FL 33583 (North Tract)
ATTN: Thomas W. Goodell

DATE OF SAMPLING: November 14, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 3 of 4

RESULTS OF ANALYSIS

NX1

NX2
(NC6)

Pesticides, Organochlorine

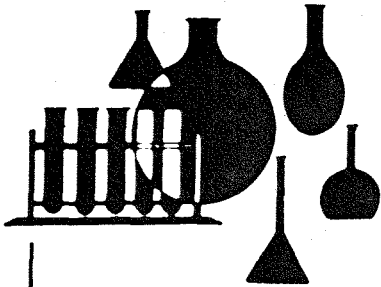
Aldrin (ug/l)	<0.003	<0.003
alpha-BHC (ug/l)	<0.005	<0.005
beta-BHC (ug/l)	<0.005	<0.005
delta-BHC (ug/l)	<0.005	<0.005
gamma-BHC (ug/l)	<0.005	<0.005
Chlordane (ug/l)	<0.01	<0.01
4,4'-DDD (ug/l)	<0.03	<0.03
4,4'-DDE (ug/l)	<0.01	<0.01
4,4'-DDT (ug/l)	<0.001	<0.001
Dieldrin (ug/l)	<0.003	<0.003
Endosulfan Alpha (ug/L)	<0.003	<0.003
Endosulfan Beta (ug/L)	<0.003	<0.003
Endosulfan Sulfate (ug/L)	<0.3	<0.3
Endrin (ug/L)	<0.004	<0.004
Endrin Aldehyde (ug/L)	<0.03	<0.03
Heptachlor (ug/L)	<0.001	<0.001
Heptachlor Epoxide (ug/L)	<0.005	<0.005
Toxaphene (ug/l)	<0.005	<0.005
Polychlorinated Biphenyls (ug/l)	<0.001	<0.001

RESULTS EXPRESSED IN mg/l (ppm) UNLESS OTHERWISE DESIGNATED

Respectfully submitted by:

Dorothy Morse
Supervisor/Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and/or other EPA approved methods unless otherwise designated.



Conservation Consultants Inc.

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LABORATORY I.D. NO. 0380-508/360/N02285

REPORT TO: Palmer Venture

SOURCE OF SAMPLE: Surface Water

7184 Beneva Road

SAMPLE LOCATION: Palmer Ranch

Sarasota, FL 33583

(North Tract)

ATTN: Thomas W. Goodell

DATE OF SAMPLING: November 14, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 4 of 4

RESULTS OF ANALYSIS

NX1

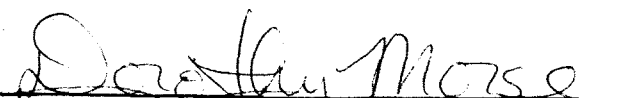
NX2
(NC6)

Phenols	<0.001	<0.001
Radiation, Gross Alpha (pCi/L)	<2	<2
Selenium, Total, as Se	<0.005	<0.005
Silver, Total, as Ag	<0.00005	<0.00007

CCI's Florida Department of Health and Rehabilitative Services (FDHRS)
Laboratory Certification ID Number is 84243.

RESULTS EXPRESSED IN mg/l (ppm) UNLESS OTHERWISE DESIGNATED

Respectfully submitted by:


Supervisor/Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and/or other EPA approved methods unless otherwise designated.

EXHIBIT C

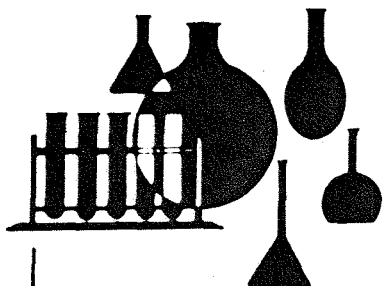
Results of
Single Event Sampling Program
Performed by Conservation Consultants, Inc.
in South Creek
During November, 1985

COLLECTION AND ANALYTICAL METHODS

Parameter	FIELD		Laboratory Handling	Analytical Method	Reference
	Collection	Handling			
Aluminum	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 202
Arsenic	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 206
Bacteria, Fecal Coliform	Grab	Stored on Ice	Immediate Analysis	Membrane Filtration	APHA 909C
Bacteria, Total Coliform	Grab	Stored on Ice	Immediate Analysis	Membrane Filtration	APHA 909A
Cadmium	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 213
Chloride	Grab	Stored on Ice	Stored at 4°C	Mercuric Nitrate Titration	APHA 407B
Chromium, Hexavalent	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 218
Chromium, Total	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 218
Conductivity	<u>In situ</u>	-----	-----	Hydrolab 4000	Manufacturer's Specifications
Copper	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 220
Cyanide, Total	Grab	NaOH to pH >12 Stored on Ice	Stored at 4°C in Dark	Distillation/ Colorimetric	APHA 412B,D
Dissolved Oxygen	<u>In situ</u>	-----	-----	Hydrolab 4000	Manufacturer's Specifications
Fluoride	Grab	Stored on Ice	Stored at 4°C	Selective Ion Electrode	APHA 413B
Hardness, Total	Grab	Acidified to pH <2 stored on ice	Stored at 4°C	EDTA Titration	APHA 314B
Iron	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 236
Lead	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 239
Manganese	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 243
Mercury	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 245
Nickel	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 249

COLLECTION AND ANALYTICAL METHODS
(Continued)

Parameter	FIELD		Laboratory Handling	Analytical Method	Reference
	Collection	Handling			
Nitrogen, Ammonia (Ionized)	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Distillation/ Nesslerization	APHA 417A,B
Nitrogen, Ammonia (Unionized)	----	-----	-----	Calculation based on results for APHA 417A,B (Ammonia Nitrogen - Ionized)	APHA 801E
Nitrogen, Nitrate	Grab	Stored on Ice	Immediate Analysis	Colorimetric - Brucine	EPA 352.1
Nitrogen, Nitrite	Grab	Stored on Ice	Filtered/ Immediate Analysis	Colorimetric - Diazotization	EPA 354.1
Nitrogen, Organic	----	-----	-----	Calculation	APHA 420A
Nitrogen, Total Kjeldahl	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Digestion/Distillation/ Nesslerization	APHA 420A
Nitrogen, Total	----	-----	-----	Calculation	APHA 416
pH	<u>In situ</u>	-----	-----	Hydrolab 4000	Manufacturer's Specifications
Phenols	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Cleanup/Chloroform Extraction	APHA 510A,B
Phosphate, Dissolved Ortho	Grab	Stored on Ice	Filtered/ Immediate Analysis	Colorimetric - Ascorbic Acid	EPA 365.2
Phosphate, Total	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Colorimetric - Persulfate Digestion, Ascorbic Acid	EPA 365.2
Radiation, Gross Alpha	Grab	Acidified to pH <2 Stored on Ice	Stored at Room Temperature	Proportional Counter	APHA 703
Selenium	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 270
Silver	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 272
Temperature	<u>In situ</u>	-----	-----	Hydrolab 4000	Manufacturer's Specifications
Zinc	Grab	Acidified to pH <2 Stored on Ice	Stored at 4°C	Atomic Absorption	EPA 289



Conservation Consultants Inc.

P.O. Box 35 • Palmetto, Florida 33561 • 813/722-6668

LABORATORY I.D. NO. 0380-508/360/N02285

REPORT TO: Palmer Venture SOURCE OF SAMPLE: Surface Water
7184 Beneva Road SAMPLE LOCATION: Palmer Ranch
Sarasota, FL 33583 (North Tract)
ATTN: Thomas W. Goodell

DATE OF SAMPLING: November 14, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 1 of 4

RESULTS OF ANALYSIS	SX1	SX2	SX3
Laboratory Number	02131	02132	02133
Sample Time	1118	1135	1218
Chloride, as Cl	14,400	13,700	1530
Coliform, Fecal (per 100 mL)*	120	100	480
Coliform, Total (per 100 mL)*	100	200	1100
Copper, Total, as Cu	0.071**	0.074**	0.011
Fluoride, as F	1.12	1.18	0.82
Hardness, Total, as CaCO ₃	5960	5600	1510
Iron, Total, as Fe	0.44**	0.43**	0.62**
Nickel, Total, as Ni	0.28**	0.27**	0.03
Nitrogen, Ammonia, Ionized, as N	<0.02	<0.02	0.05
Nitrogen, Ammonia, Unionized, as N**	<0.02	<0.02	<0.02
Nitrogen, Nitrate, as N	0.03	0.02	0.07
Nitrogen, Nitrite, as N	<0.01	<0.01	<0.01
Nitrogen, Organic, as N	0.49	0.20	0.69
Nitrogen, Total Kjeldahl, as N	0.49	0.20	0.74
Nitrogen, Total, as N	0.52	0.22	0.81
Phosphate, Dissolved Ortho, as P	0.11	0.14	0.20
Phosphate, Total, as P	0.20	0.22	0.41
Zinc, Total, as Zn	<0.005	0.042	0.019
Dissolved Oxygen (field)	7.5	6.2	2.6**
pH (Standard Units) (field)	8.2	7.6	7.2
Temperature (°C) (field)	27.3	27.6	26.6

RESULTS EXPRESSED IN mg/l (ppm) UNLESS OTHERWISE DESIGNATED

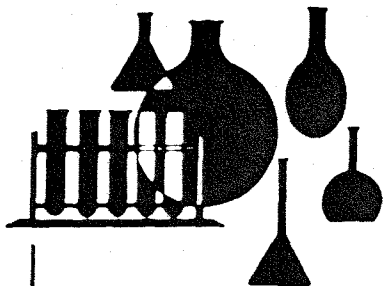
Respectfully submitted by:

*Sampled November 18, 1985

**Calculated theoretical maximum value

Dorothy Morse
Supervisor/Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and/or other EPA approved methods unless otherwise designated.



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LABORATORY I.D. NO. 0380-508/360/N02285

REPORT TO: Palmer Venture SOURCE OF SAMPLE: Surface Water
7184 Beneva Road SAMPLE LOCATION: Palmer Ranch
Sarasota, FL 33583 (North Tract)
ATTN: Thomas W. Goodell

DATE OF SAMPLING: November 14, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 2 of 4

RESULTS OF ANALYSIS	SX1	SX2	SX3
Conductivity at 25°C (umhos/cm) (field)	40,600	37,600	6100
Water Depth (ft.) (field)	1.0	1.7	2.5
Flow	Strong	Strong	Weak
Tidal Condition	Falling/Low	Falling/Low	Falling/Mid

ANALYSIS BY OUTSIDE LABORATORY ^a

Aluminum, Total, as Al	<0.2	<0.2	<0.2
Arsenic, Total, as As	<0.005	<0.005	<0.005
Cadmium, Total, as Cd	<0.0005	<0.0005	<0.0005
Chromium, Hexavalent, as Cr ⁶⁺	<0.005	<0.005	<0.005
Chromium, Total, as Cr	<0.02	<0.02	<0.02
Cyanide, Total, as CN	<0.005	<0.005	<0.005
Lead, Total, as Pb	<0.02	<0.02	<0.02
Manganese, Total, as Mn	0.01	0.02	0.03
Mercury, Total, as Hg	<0.0001	<0.0001	<0.0001
Oil and Grease	<1	<1	<1

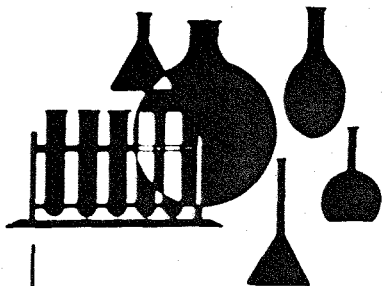
RESULTS EXPRESSED IN mg/l(ppm) UNLESS OTHERWISE DESIGNATED

Respectfully submitted by:

^aData Report on File.

Evelyn Morse
Supervisory Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and/or other EPA approved methods unless otherwise designated.



Conservation Consultants Inc.

P.O. Box 35 • Palmetto, Florida 33561 • 813/722-6668

LABORATORY I.D. NO. 0380-508/360/N02285

REPORT TO: Palmer Venture SOURCE OF SAMPLE: Surface Water
7184 Beneva Road SAMPLE LOCATION: Palmer Ranch
Sarasota, FL 33583 (North Tract)
ATTN: Thomas W. Goodell

DATE OF SAMPLING: November 14, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 3 of 4

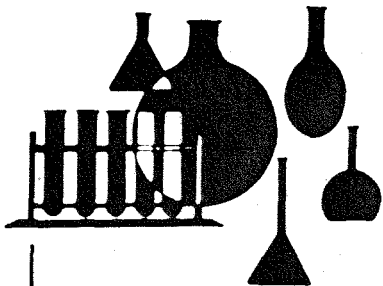
RESULTS OF ANALYSIS	SX1	SX2	SX3
Pesticides, Organochlorine			
Aldrin (ug/l)	<0.003	<0.003	<0.003
alpha-BHC (ug/l)	<0.005	<0.005	<0.005
beta-BHC (ug/l)	<0.005	<0.005	<0.005
delta-BHC (ug/l)	<0.005	<0.005	<0.005
gamma-BHC (ug/l)	<0.005	<0.005	<0.005
Chlordane (ug/l)	<0.01	<0.01	<0.01
4,4'-DDD (ug/l)	<0.03	<0.03	<0.03
4,4'-DDE (ug/l)	<0.01	<0.01	<0.01
4,4'-DDT (ug/l)	<0.001	<0.001	<0.001
Dieldrin (ug/l)	<0.003	<0.003	<0.003
Endosulfan Alpha (ug/L)	<0.003	<0.003	<0.003
Endosulfan Beta (ug/L)	<0.003	<0.003	<0.003
Endosulfan Sulfate (ug/L)	<0.3	<0.3	<0.3
Endrin (ug/L)	<0.004	<0.004	<0.004
Endrin Aldehyde (ug/L)	<0.03	<0.03	<0.03
Heptachlor (ug/L)	<0.001	<0.001	<0.001
Heptachlor Epoxide (ug/L)	<0.005	<0.005	<0.005
Toxaphene (ug/l)	<0.005	<0.005	<0.005
Polychlorinated Biphenyls (ug/l)	<0.001	<0.001	<0.001

RESULTS EXPRESSED IN mg/l (ppm) UNLESS OTHERWISE DESIGNATED

Respectfully submitted by:

Dorothy Morse
Supervisor/Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and/or other EPA approved methods unless otherwise designated.



Conservation Consultants Inc.

P.O. Box 35 • Palmetto, Florida 33561 • 813/722-6668

LABORATORY I.D. NO. 0380-508/360/N02285

REPORT TO: Palmer Venture SOURCE OF SAMPLE: Surface Water
7184 Beneva Road SAMPLE LOCATION: Palmer Ranch
Sarasota, FL 33583 (North Tract)
ATTN: Thomas W. Goodell

DATE OF SAMPLING: November 14, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 4 of 4

RESULTS OF ANALYSIS	SX1	SX2	SX3
Phenols	<0.001	<0.001	<0.001
Radiation, Gross Alpha (pCi/L)	<2	<2	<2
Selenium, Total, as Se	<0.005	<0.005	<0.005
Silver, Total, as Ag	<0.00005	<0.00005	<0.00005

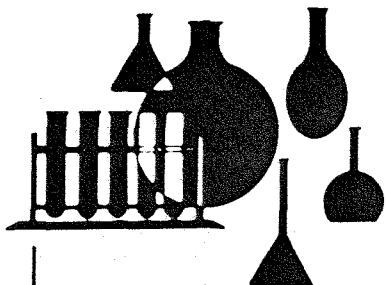
CCI's Florida Department of Health and Rehabilitative Services (FDHRS)
Laboratory Certification ID Number is 84243.

RESULTS EXPRESSED IN mg/l(ppm) UNLESS OTHERWISE DESIGNATED

Respectfully submitted by:

Suzanne Morse
Supervisor/Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and/or other EPA approved methods unless otherwise designated.



Conservation Consultants Inc.

P.O. Box 35 • Palmetto, Florida 33561 • 813 / 722-6668

LABORATORY I.D. NO. 0380-508/360/N02285

REPORT TO: Palmer Venture SOURCE OF SAMPLE: Surface Water
7184 Beneva Road SAMPLE LOCATION: Palmer Ranch
Sarasota, FL 33583 (North Tract)
ATTN: Thomas W. Goodell

DATE OF SAMPLING: November 14, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 1 of 4

RESULTS OF ANALYSIS

SX4

SX5
(SC8)

Laboratory Number		02134
Sample Time		1300
Chloride, as Cl		<1
Coliform, Fecal (per 100 mL)*		240
Coliform, Total (per 100 mL)*		1100
Copper, Total, as Cu		<0.005
Fluoride, as F		0.45
Hardness, Total, as CaCO ₃		510
Iron, Total, as Fe		1.54**
Nickel, Total, as Ni		<0.01
Nitrogen, Ammonia, Ionized, as N		0.02
Nitrogen, Ammonia, Unionized, as N**		<0.02
Nitrogen, Nitrate, as N		0.03
Nitrogen, Nitrite, as N		<0.01
Nitrogen, Organic, as N		0.84
Nitrogen, Total Kjeldahl, as N		0.86
Nitrogen, Total, as N		0.89
Phosphate, Dissolved Ortho, as P		0.13
Phosphate, Total, as P		0.41
Zinc, Total, as Zn		0.014
Dissolved Oxygen (field)		4.1**
pH (Standard Units) (field)		7.4
Temperature (°C) (field)		23.7

Site Inaccessible

RESULTS EXPRESSED IN mg/l(ppm) UNLESS OTHERWISE DESIGNATED

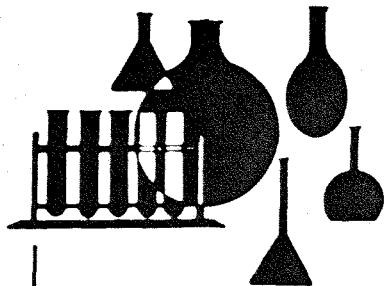
Respectfully submitted by:

*Sampled November 18, 1985

**Calculated theoretical maximum value

Sorothy Morse
Supervisor/Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and/or other EPA approved methods unless otherwise designated.



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LABORATORY I.D. NO. 0380-508/360/N02285

REPORT TO: Palmer Venture

SOURCE OF SAMPLE: Surface Water

7184 Beneva Road

SAMPLE LOCATION: Palmer Ranch

Sarasota, FL 33583

(North Tract)

ATTN: Thomas W. Goodell

DATE OF SAMPLING: November 14, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 2 of 4

RESULTS OF ANALYSIS

SX4

SX5
(SC8)

Conductivity at 25°C (umhos/cm)
(field)

904

Water Depth (ft.) (field)

1.5

Flow

None

Tidal Condition

ANALYSIS BY OUTSIDE LABORATORY ^a

Aluminum, Total, as Al

0.4

Arsenic, Total, as As

0.010

Cadmium, Total, as Cd

<0.0005

Chromium, Hexavalent, as Cr⁶⁺

<0.005

Chromium, Total, as Cr

<0.02

Cyanide, Total, as CN

<0.005

Lead, Total, as Pb

0.03

Manganese, Total, as Mn

0.03

Mercury, Total, as Hg

0.0009**

Oil and Grease

<1

Site Inaccessible

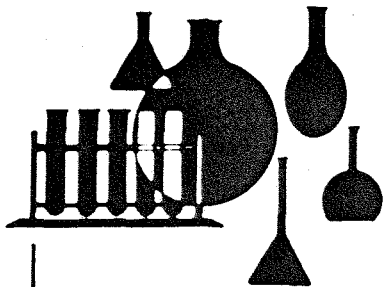
RESULTS EXPRESSED IN mg/l(ppm) UNLESS OTHERWISE DESIGNATED

Respectfully submitted by:

^aData Report on File.

Dorothy Morse
Supervisor/Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and/or other EPA approved methods unless otherwise designated.



Conservation Consultants Inc.

P.O. Box 35 • Palmetto, Florida 33561 • 813/722-6668

LABORATORY I.D. NO. 0380-508/360/N02285

REPORT TO: Palmer Venture

SOURCE OF SAMPLE: Surface Water

7184 Beneva Road

SAMPLE LOCATION: Palmer Ranch

Sarasota, FL 33583

(North Tract)

ATTN: Thomas W. Goodell

DATE OF SAMPLING: November 14, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 3 of 4

RESULTS OF ANALYSIS

SX4

SX5
(SC8)

Pesticides, Organochlorine

Aldrin (ug/l)	-----	<0.003
alpha-BHC (ug/l)	-----	<0.005
beta-BHC (ug/l)	-----	<0.005
delta-BHC (ug/l)	-----	<0.005
gamma-BHC (ug/l)	-----	<0.005
Chlordane (ug/l)	-----	<0.01
4,4'-DDD (ug/l)	-----	<0.03
4,4'-DDE (ug/l)	-----	<0.01
4,4'-DDT (ug/l)	-----	<0.001
Dieldrin (ug/l)	-----	<0.003
Endosulfan Alpha (ug/L)	-----	<0.003
Endosulfan Beta (ug/L)	-----	<0.003
Endosulfan Sulfate (ug/L)	-----	<0.3
Endrin (ug/L)	-----	<0.004
Endrin Aldehyde (ug/L)	-----	<0.03
Heptachlor (ug/L)	-----	<0.001
Heptachlor Epoxide (ug/L)	-----	<0.005
Toxaphene (ug/l)	-----	<0.005
Polychlorinated Biphenyls (ug/l)	-----	<0.001

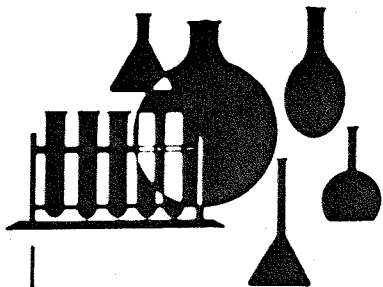
----- Site Inaccessible -----

RESULTS EXPRESSED IN mg/l (ppm) UNLESS OTHERWISE DESIGNATED

Respectfully submitted by:

Dorothy Morse
Supervisor/Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and/or other EPA approved methods unless otherwise designated.



Conservation Consultants Inc.

P.O. Box 35 • Palmetto, Florida 33561 • 813/722-6668

LABORATORY I.D. NO. 0380-508/360/N02285

REPORT TO: Palmer Venture

SOURCE OF SAMPLE: Surface Water

7184 Beneva Road

SAMPLE LOCATION: Palmer Ranch

Sarasota, FL 33583

(North Tract)

ATTN: Thomas W. Goodell

DATE OF SAMPLING: November 14, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 4 of 4

RESULTS OF ANALYSIS

SX4

SX5
(SC8)

Phenols
Radiation, Gross Alpha (pCi/L)
Selenium, Total, as Se
Silver, Total, as Ag

Site Inaccessible

<0.001
<2
<0.005
<0.00007

CCI's Florida Department of Health and Rehabilitative Services (FDHRS)
Laboratory Certification ID Number is 84243.

RESULTS EXPRESSED IN mg/l(ppm) UNLESS OTHERWISE DESIGNATED

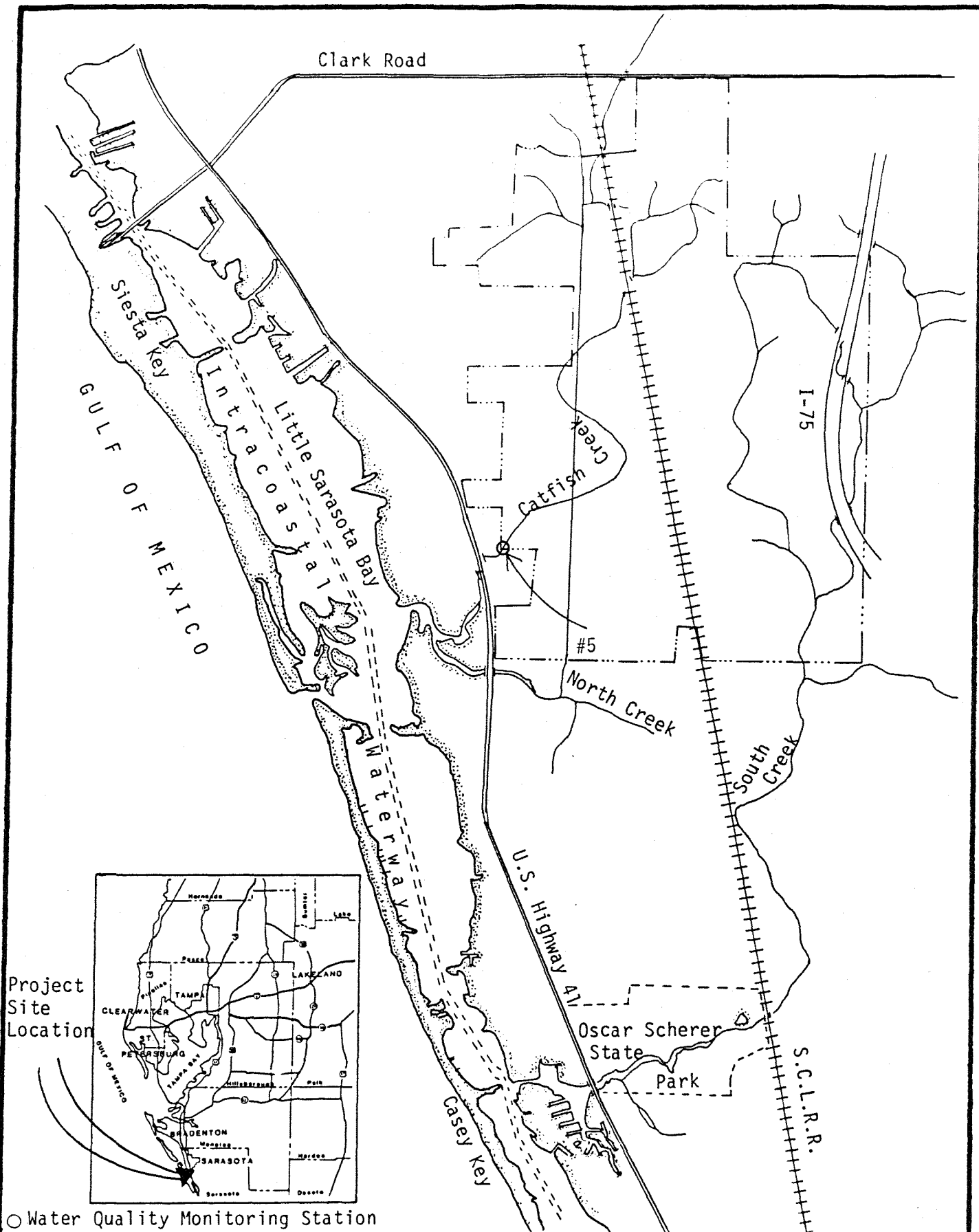
Respectfully submitted by:

Dorothy Morse
Supervisor/Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and/or other EPA approved methods unless otherwise designated.

EXHIBIT D

Results of
Surface Water Quality Monitoring
in Catfish Creek
(Patton & Associates, 1984)
During the Period of August, 1983 - February, 1984



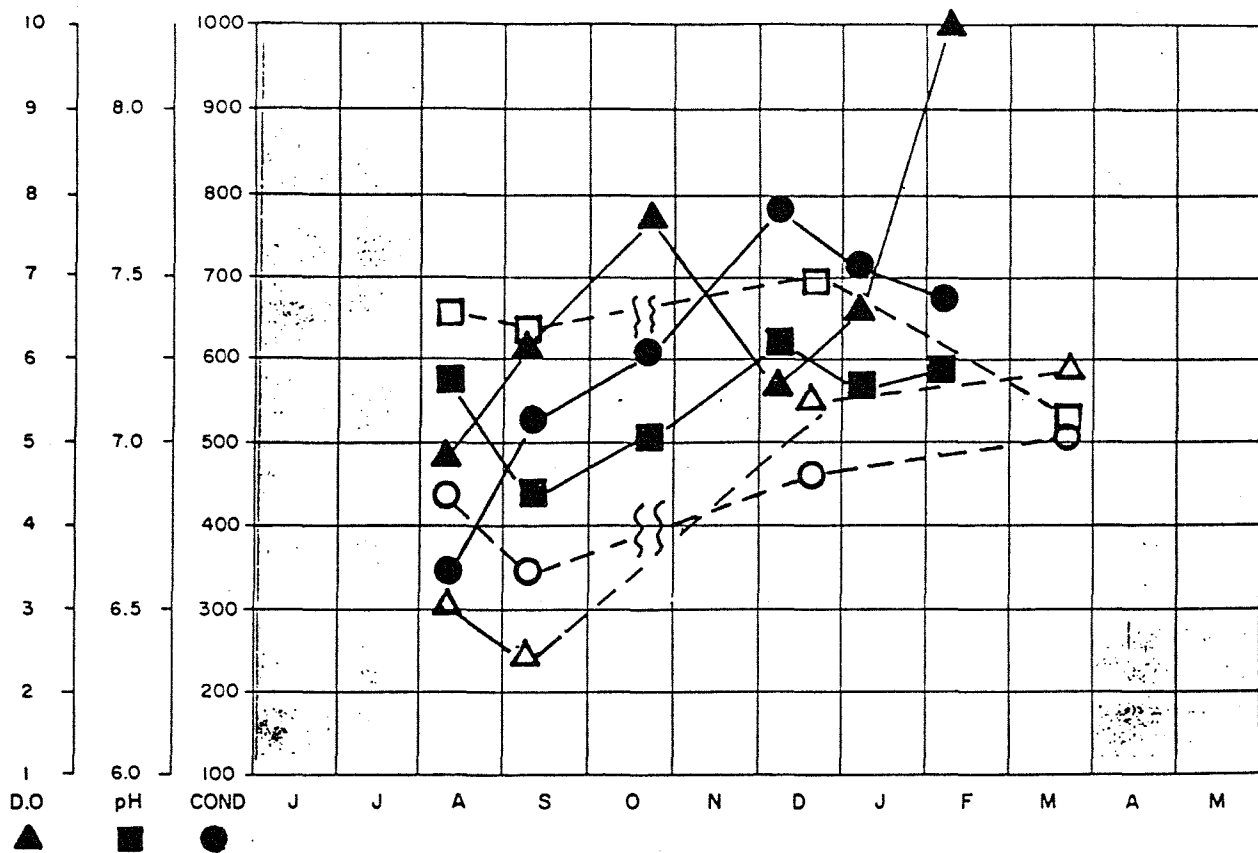
SAMPLING SITE LOCATION IN LOWER CATFISH CREEK
Station #5



<u>Parameter mg/l</u>	<u>Trip 1</u>	<u>Trip 2</u>	<u>Trip 3</u>	<u>Trip 4</u>	<u>Trip 5</u>	<u>Trip 6</u>
Ammonia-N	0.01	0.08	1.0	0.12	0.04	0.05
NO ₂	0.05	0.042	0.002	0.002	0.002	0.003
NO ₃	0.05	0.042	0.05	0.13	0.35	0.01
TKN	0.99	2.0	1.0	0.20	0.29	0.48
O-PO ₄ ≡	0.195	0.37	0.36	0.14	0.41	0.14
T-PO ₄ ≡	0.39	0.49	0.83	1.0	0.44	0.17
TSS	12	5	3	2	1	2
BOD ₅	3.2	1.8	6	5	5	7
F. Coli	1	460	-	150	150	930 ****
T. Coli	CG	2400	-	460	460	930
O+Gr.	5	5	8.5 ****	1	3	3
Pesticides ug/l	ND	ND	ND	ND	ND	ND
Metals: ug/l						
As	-	.45	2	9	2	
Cd	-	3.0 ****	2 ****	2 ****	7 ****	
Cr	-	9.0	20	20	20	
Pb	-	42.0 ****	10	20	20	
Hg	-	24 ****	0.2	0.2	0.2	
Ni	-	12	10	10	10	
Zn	-	22.4	5	20	20	
Cu	-	4.5	10	10	10	

Table 6.3, Station 5, Lower Catfish Creek
Near Hwy. 41, Catfish Creek Basin
Water Quality Data, 1983-1984





IN SITU MEASUREMENTS - WATER QUALITY

PERIOD	TRIP 1	TRIP 2	TRIP 3	TRIP 4	TRIP 5	TRIP 6
PARAMETER	AUG. 1983	SEPT. 1983	OCT. 1983	DEC. 1983	JAN. 1983	FEB. 1983
DISSOLVED OXYGEN	4.9 ****	6.1	7.9	5.7	6.5	10.2
TEMPERATURE	26.4	29.0	23.5	18.8	17.0	16.8
COND	345	525	610	792	710	683
pH	7.2	6.85	7.0	7.3	7.15	7.2

Figure 6-11. In Situ Water Quality Measurements, Station 5, Catfish Creek Basin.



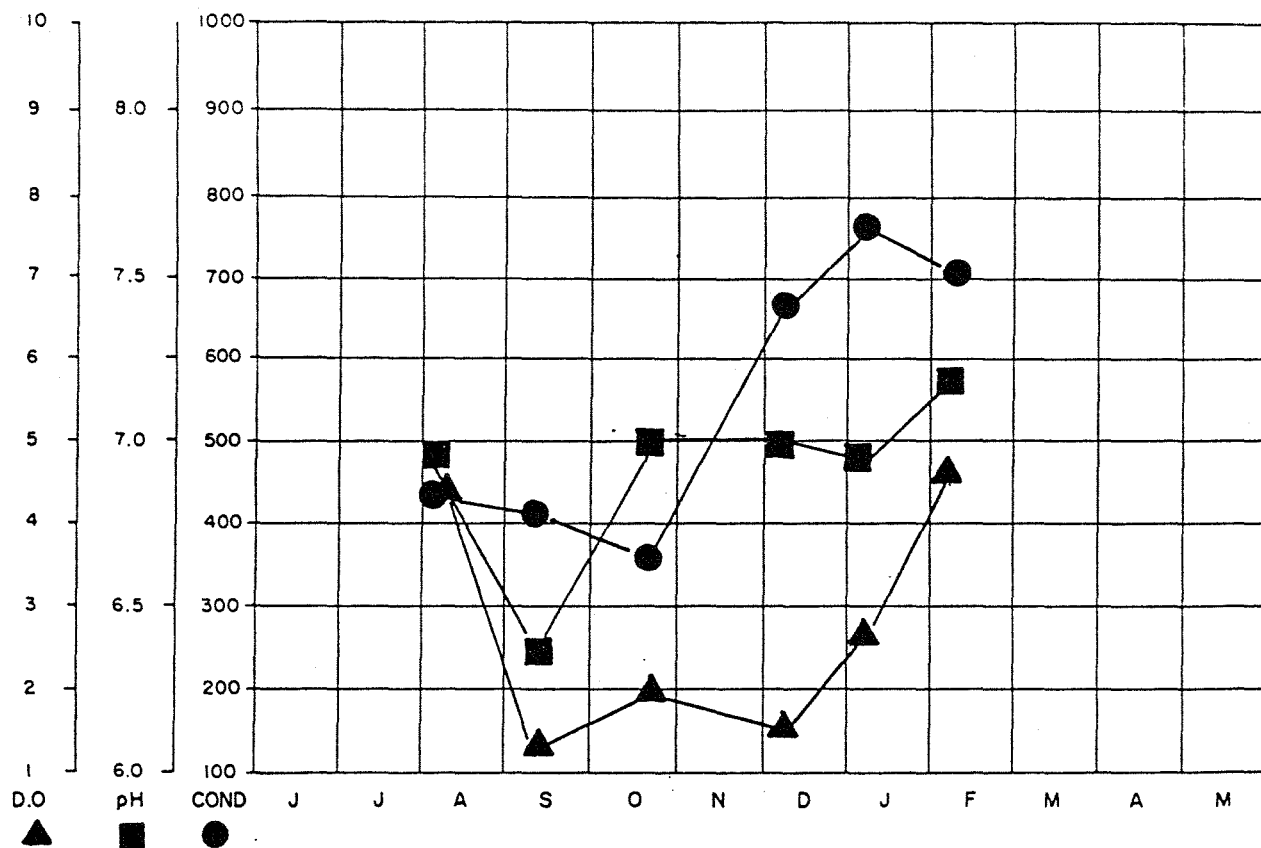
EXHIBIT E

Results of
Surface Water Quality Monitoring
in North Creek
(Patton & Associates, 1984)
During the Period of August, 1983 - February, 1984

<u>Parameter mg/l</u>	<u>Trip 1</u>	<u>Trip 2</u>	<u>Trip 3</u>	<u>Trip 4</u>	<u>Trip 5</u>	<u>Trip 6</u>
Ammonia-N	0.30	0.12	1.0	0.23	0.05	0.17
NO ₂	0.073	0.012	0.002	0.002	0.002	0.002
NO ₃			0.01	0.03	0.07	0.22
TKN	1.9	1.9	1.0	0.41	0.42	3.2
O-PO ₄ ⁼	0.800	0.187	0.12	0.14	0.06	0.1
T-PO ₄ ⁼	0.992	0.335	0.48	0.30	0.09	0.13
TSS	5	6	4	3	1	2
BOD ₅	3.5	1.9	10	7	4	7
F. Coli	1	1100****	-	24,000****	210	230
T. Coli	CG	2400	-	24,000****	2400	230
O+Gr.	-	-	6****	2	2	4
Pesticides ug/l	-		ND	ND	ND	ND
Metals: ug/l						
As	-	-	2.0	9	2.0	
Cd	-	-	2.0****	2.0****	1.0	
Cr	-	-	20	20	20	
Pb	-	-	10	30	20	
Hg	-	-	0.2	0.2	0.2	
Ni	-	-	10	10	10	
Zn	-	-	7	20	20	
Cu	-	-	10	10	10	

Table 7.1, Station 6, Trunk Ditch Extension
At Preymore Road, North Creek
Basin
Water Quality Data, 1983-1984





IN SITU MEASUREMENTS - WATER QUALITY

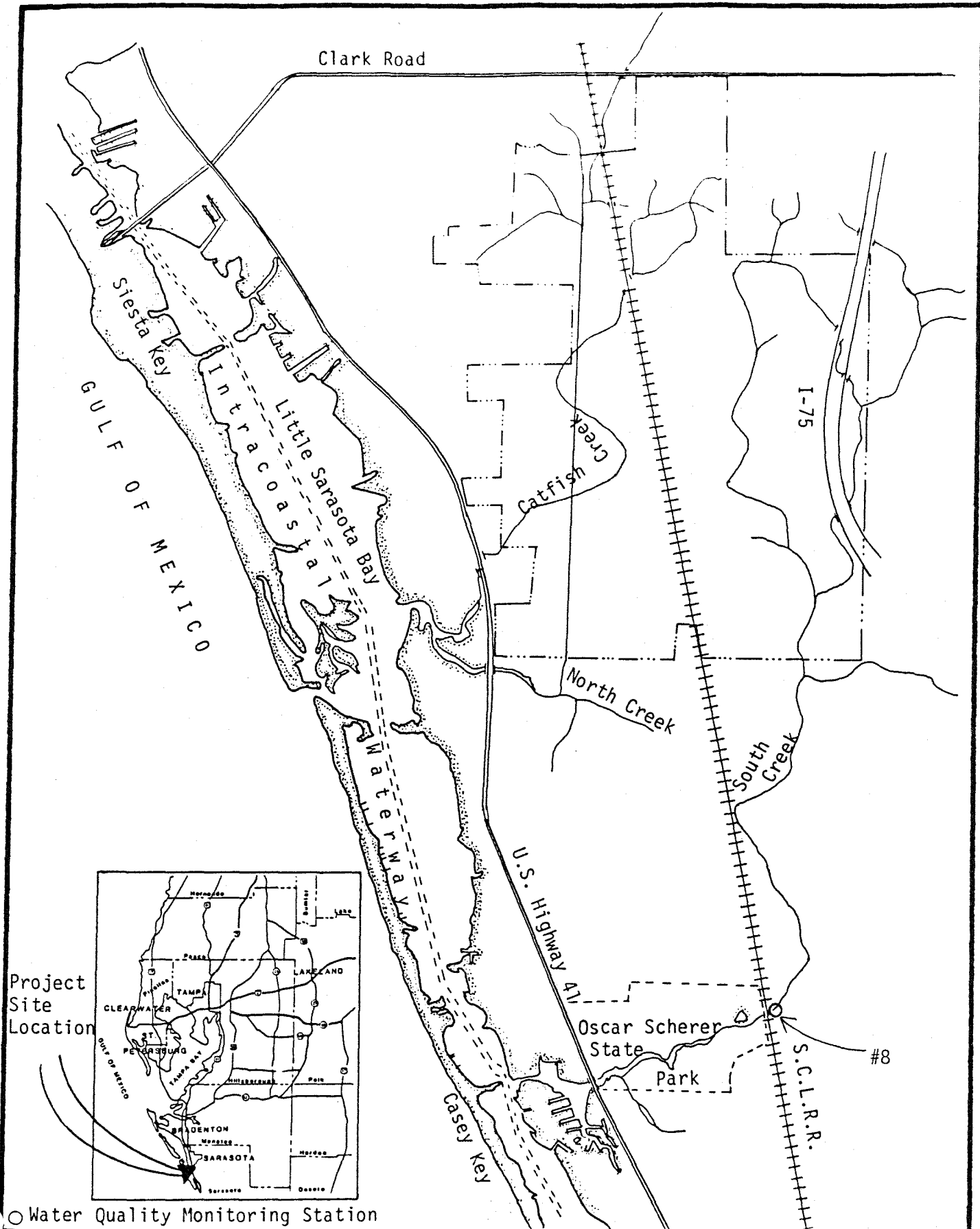
PERIOD	TRIP 1	TRIP 2	TRIP 3	TRIP 4	TRIP 5	TRIP 6
PARAMETER	AUG. 1983	SEPT. 1983	OCT. 1983	DEC. 1983	JAN. 1983	FEB. 1983
DISSOLVED OXYGEN	4.3 ****	1.4 ****	2.0 ****	1.6 ****	2.7 ****	4.7 ****
TEMPERATURE	25.4	25.5	20.0	18.8	17.1	15.2
COND	436	420	360	676	765	717
pH	6.95	6.39	7.0	7.0	6.95	7.2

Figure 7-4. In Situ Water Quality Measurements, North Creek (Trunk Ditch) at Preymore Road.



EXHIBIT F

Results of
Surface Water Quality Monitoring
in South Creek
(Patton & Associates, 1984)
During the Period of August, 1983 - February, 1984



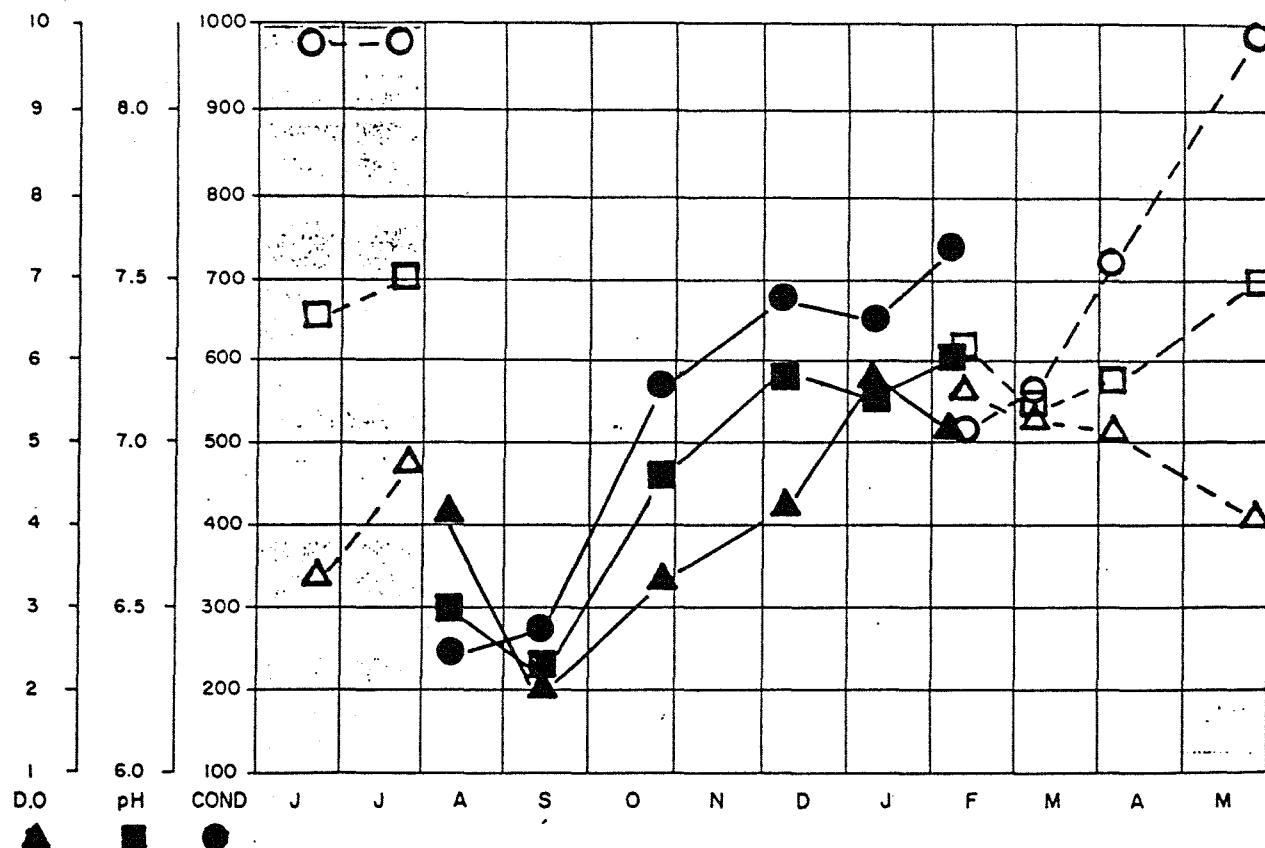
SAMPLING SITE LOCATION IN LOWER SOUTH CREEK
Station #8



<u>Parameter mg/l</u>	<u>Trip 1</u>	<u>Trip 2</u>	<u>Trip 3</u>	<u>Trip 4</u>	<u>Trip 5</u>	<u>Trip 6</u>
Ammonia-N	0.02	0.35	1.0	0.13	0.02	0.07
NO ₂	0.01	0.039	0.011	0.025	0.002	0.004
NO ₃			0.18	0.37	0.18	0.46
TKN	1.4	2.8	1.0	0.53	0.44	0.99
O-PO ₄ ≡	0.065	0.384	0.52	0.46	0.44	0.57
T-PO ₄ ≡	0.101	0.509	1.1	1.0	0.44	0.57
TSS	5	5	12	6	1	4
BOD ₅	2.2	6.0	4.0	10.0	6.0	9
F. Coli	1	190	ND	1100***	2400***	90
T. Coli	CG	1100	ND	2900***	2400	90
O+Gr.	8****	5	9***	1	3	4
Pesticides ug/l	ND		ND	ND	ND	ND
Metals: ug/l						
As		45	2	63***	2.0	
Cd		3.0***	2***	2***	13***	
Cr		9.0	20	20	20	
Pb	-	42.0***	10	10	10	
Hg		24***	0.2	0.2	0.2	
Ni		12	10	10	10	
Zn		22.4	50	20	20	
Cu		11.0	10	10	10	

Table 8-3, Station 8, Lower South Creek at
O. Scherer State Park, South Creek
Basin
Water Quality Data, 1983-1984





IN SITU MEASUREMENTS - WATER QUALITY

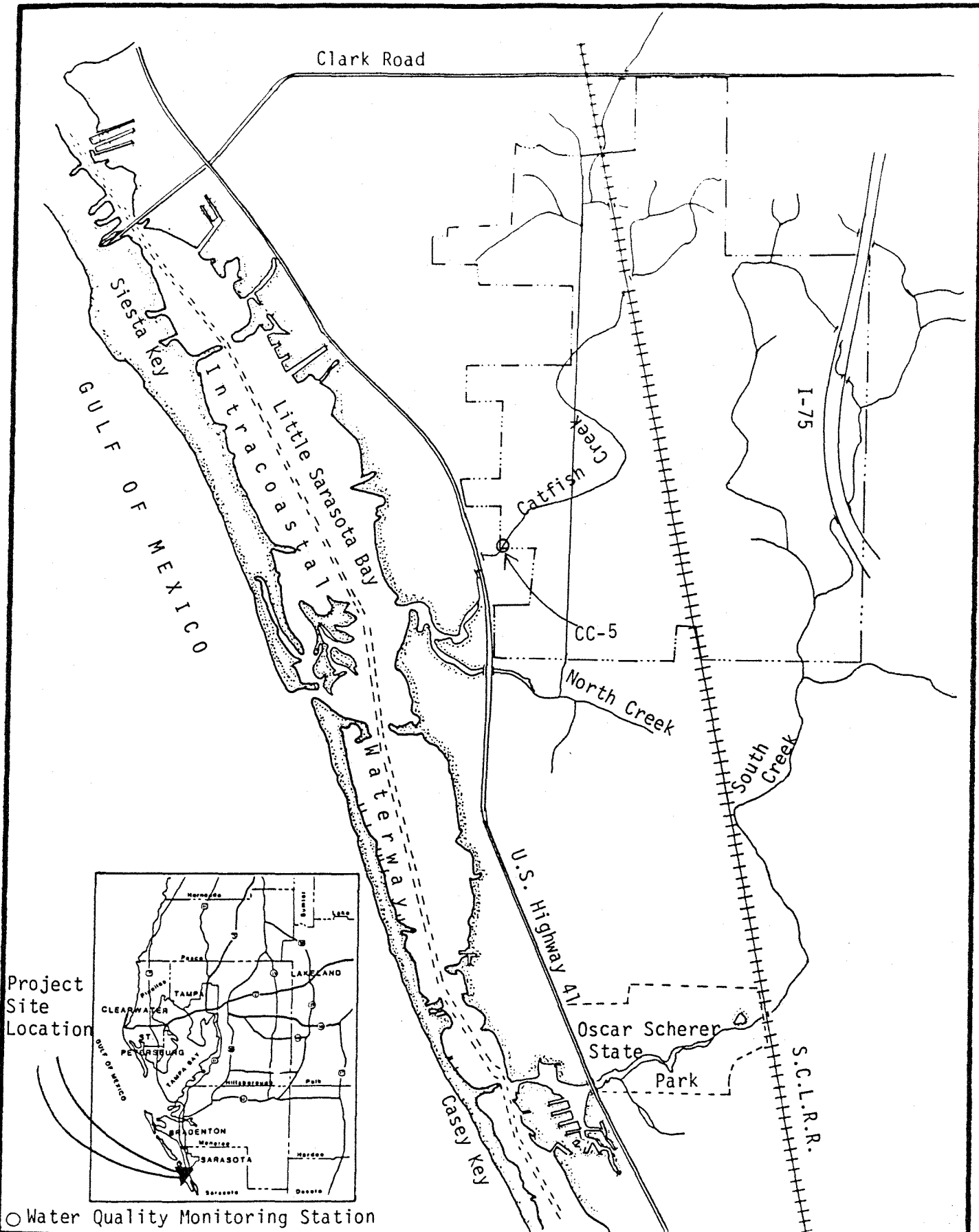
PERIOD	TRIP 1	TRIP 2	TRIP 3	TRIP 4	TRIP 5	TRIP 6
PARAMETER	AUG. 1983	SEPT. 1983	OCT. 1983	DEC. 1983	JAN. 1983	FEB. 1983
DISSOLVED OXYGEN	4.2 XXXX	2.1 XXXX	3.4 XXXX	4.3 XXXX	5.6	5.3
TEMPERATURE	27.8	27.5	22.0	18.9	16.9	16.4
COND	250	285	581	691	660	742
pH	6.5	6.32	6.9	7.2	7.15	7.25

Figure 8-9. In Situ Water Quality Measurements, Station 8, South Creek.



EXHIBIT G

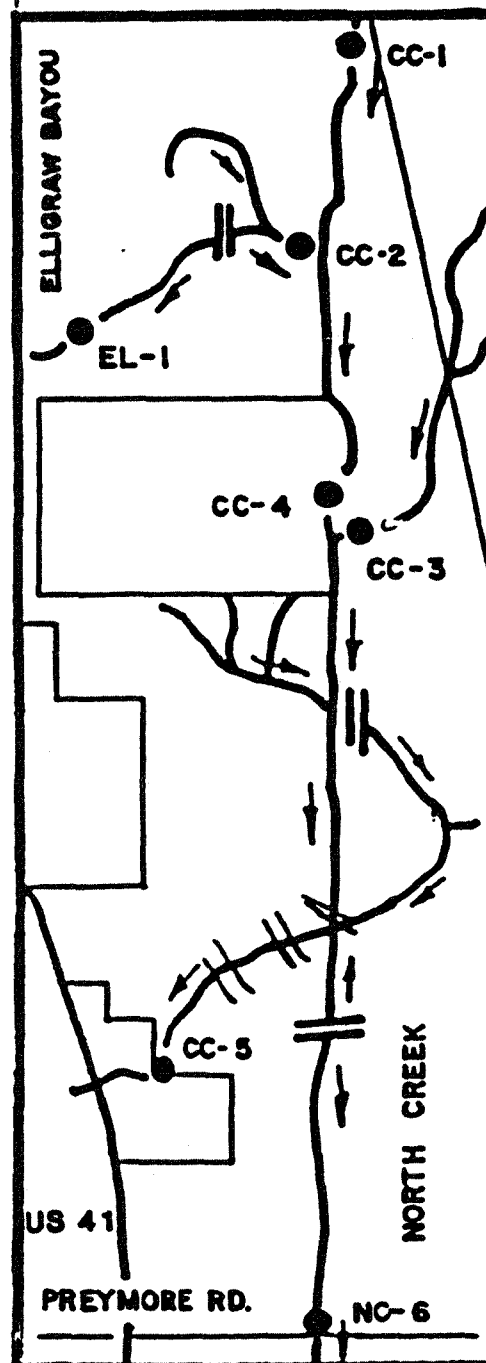
Results of
Surface Water Quality Monitoring
in Catfish Creek
(Palmer Venture, 1985)
During the Period of May, 1984 - March, 1985



SAMPLING SITE LOCATION IN LOWER CATFISH CREEK
Station CC-5



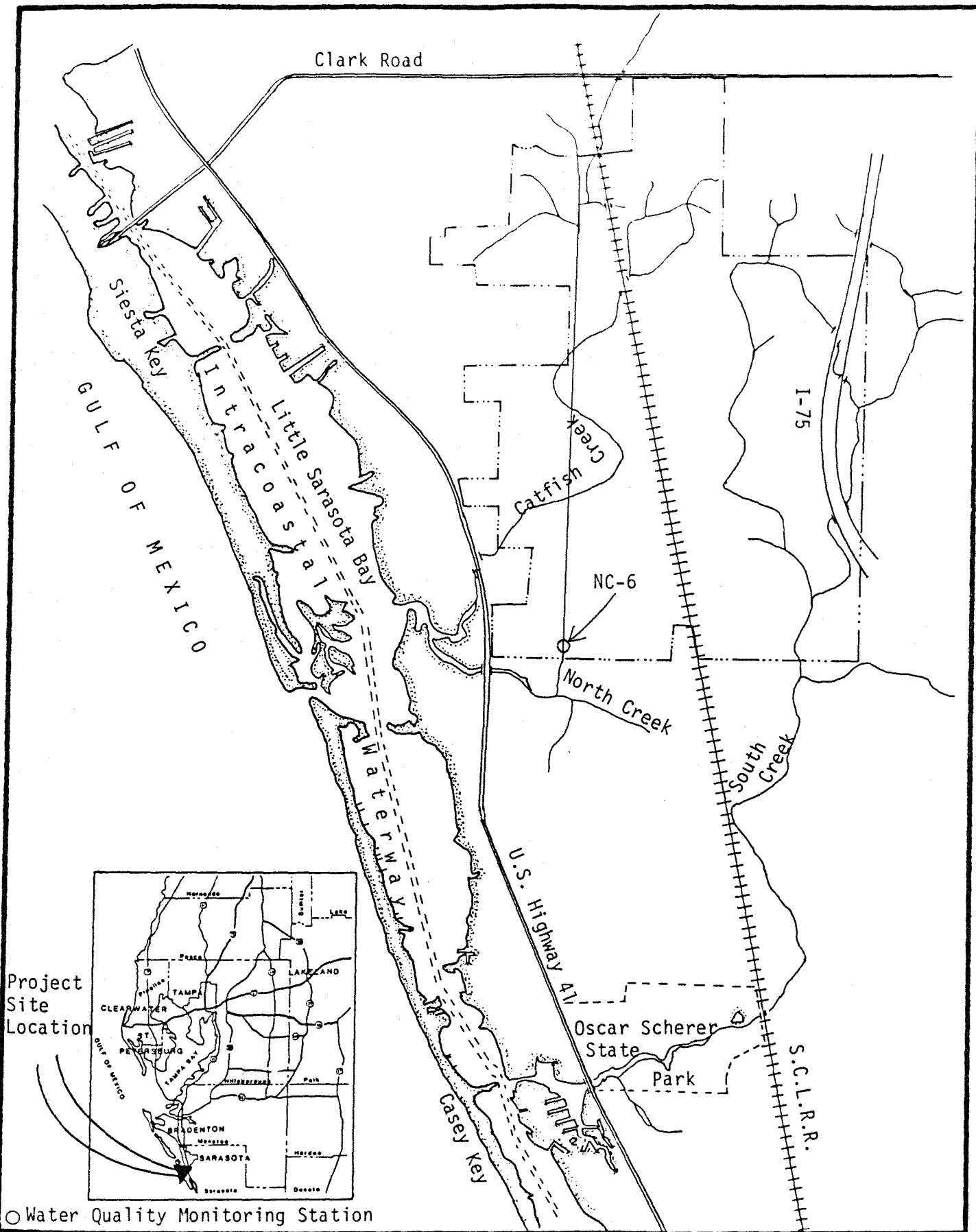
TABLE 4 - 2
BASIN CATFISH CREEK



PARAMETER	STATION #CC-5 BI-MONTHLY SAMPLING PERIOD					
	MAY 84	JULY 84	SEPT 84	NOV 84	JAN 85	MAR 85
NH ₃	0.01	<0.01	0.04	0.16	<0.01	0.02
TKN	0.06	0.02	0.19	0.48	0.92	3.6
NO ₂	<0.01	<0.01	0.01	0.04	0.02	<0.01
NO ₃	0.23	0.08	0.31	0.09	0.01	0.12
ORTHO - P	0.39	0.23	2.6	0.58	0.32	0.32
TPO	0.44	0.29	2.7	0.66	0.34	0.49
BOD ₅	1.5	2.0	2.1	1.8	1.4	4.4
O&G	1.4	3.4	<1.0	<1.0	<1.0	4.1
H - METALS Lead	0.06***	0.02	0.02	<0.02	0.052***	0.02
TSS	<1.0	1.2	1.4	1.4	1.0	<1.0
TURB.	<1.0	3.5	3.5	1.0	0.7	2.1
T. COLI.	>2400***	>2400***	1600	>2400***	>2400***	>2400***
F. COLI.	1600***	>2400***	920***	>2400***	1600***	920***
PEST.	N/A	N/A	N/A	N/A	N/A	N/A
TEMP.	18.0	28.5	27.5	20.2	17.0	20.5
COND.	650	825	1000	600	475	463
pH	8.1	6.9	6.3	6.5	7.1	6.9
DO	12.5	6.9	5.5	2.76***	4.2***	1.95***
TIME	1235 hrs.	1145 hrs.	1630 hrs.	1800 hrs.	1015 hrs.	1630 hrs.

EXHIBIT H

Results of
Surface Water Quality Monitoring
in North Creek
(Palmer Venture, 1985)
During the Period of May, 1984 - March, 1985

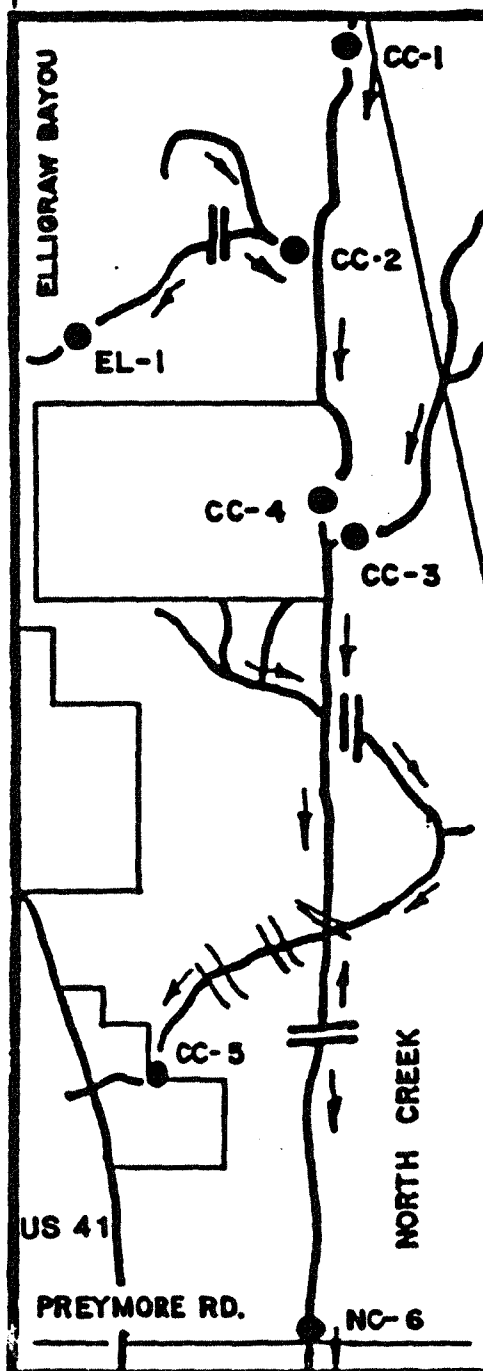


SAMPLING SITE LOCATION IN NORTH CREEK

Station NC-6



TABLE 4 - 3
BASIN NORTH CREEK



PARAMETER

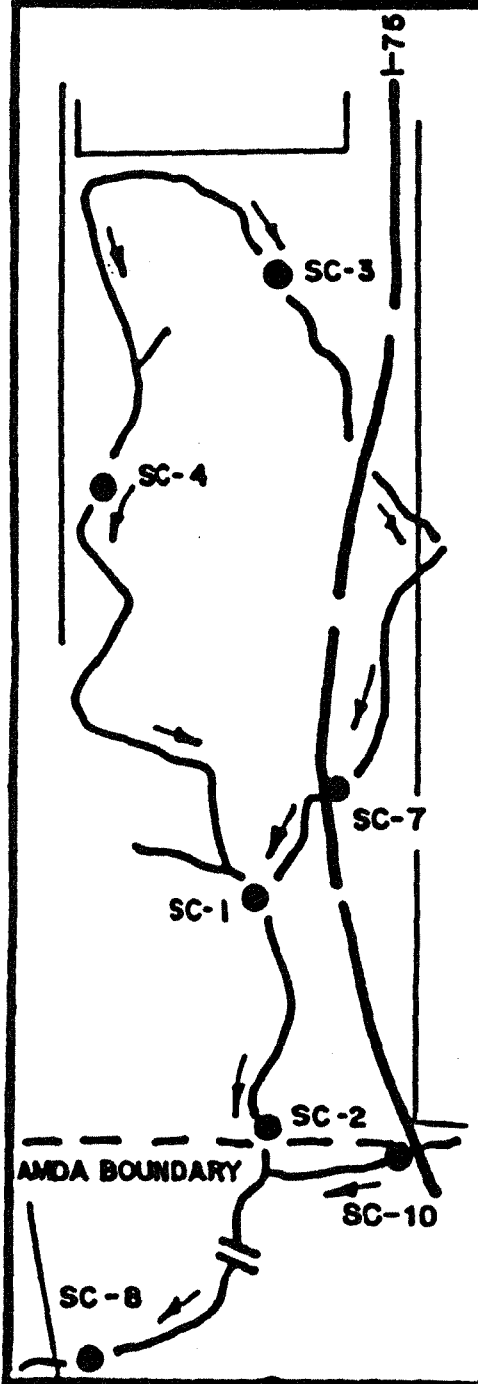
STATION #NC-6 BI-MONTHLY SAMPLING PERIOD

	MAY 84	JULY 84	SEPT 84	NOV 84	JAN 85	MAR 85
NH ₃	0.02	<0.01	<0.02	0.07	N/F	N/F
TKN	0.12	0.11	0.46	0.47	N/F	N/F
NO ₂	0.01	<0.01	<0.01	0.01	N/F	N/F
NO ₃	0.20	0.06	0.24	0.06	N/F	N/F
ORTHO - P	0.31	0.11	0.21	0.17	N/F	N/F
TPO ₄ - P	0.34	0.18	0.25	0.24	N/F	N/F
BOD ₅	5.5	4.1	2.9	1.5	N/F	N/F
O&G	1.0	3.6	<1.0	<0.01	N/F	N/F
H - METALS Lead	0.09 ***	0.02	<0.01	0.02	N/F	N/F
TSS	10.0	1.4	1.6	1.8	N/F	N/F
TURB.	<1.0	2.2	1.8	2.4	N/F	N/F
T. COLI.	>2400 ***	920	>2400 ***	>2400 ***	N/F	N/F
F. COLI.	>2400 ***	350	140	>2400 ***	N/F	N/F
PEST.	N/A	N/A	N/A	N/A	N/A	N/A
TEMP.	19.0	28.0	24.9	17.0	N/F	N/F
COND.	680	700	700	--	N/F	N/F
pH	7.3	6.9	6.5	--	N/F	N/F
DO	2.7 ***	1.6 ***	1.0 ***	3.2 ***	N/F	N/F
TIME	1200 hrs.	--	1600 hrs.	1805 hrs.	N/F	N/F

EXHIBIT I

Results of
Surface Water Quality Monitoring
in South Creek
(Palmer Venture, 1985)
During the Period of May, 1984 - March, 1985

TABLE 4 - 4
BASIN SOUTH CREEK



PARAMETER	STATION #SC-8 BI-MONTHLY SAMPLING PERIOD					
	MAY 84	JULY 84	SEPT 84	NOV 84	JAN 85	MAR 85
NH ₃	<0.01	<0.01	<0.02	0.07	<0.01	<0.01
TKN	0.18	0.12	0.46	0.38	0.76	1.8
NO ₂	<0.01	0.02	<0.01	0.01	<0.01	<0.01
NO ₃	0.41	0.08	0.20	0.06	<0.01	>0.05
ORTHO - P	0.39	0.29	0.32	0.34	0.27	0.52
TPO _{4-P}	0.43	0.36	0.32	0.45	0.29	0.93
BOD ₅	5.0	2.3	2.3	2.7	1.4	2.7
O&G	<1.0	4.8	<1.0	2.4	3.0	8.8 ***
H - METALS <i>lead</i>	0.06 ***	0.02	0.03	<0.02	0.07 ***	0.02
TSS	5.1	2.2	2.0	5.6	2.7	1.5
TURB.	<1.0	4.0	0.5	2.8	0.5	3.5
T. COLI.	920	1600	>2400 ***	>2400 ***	>2400 ***	>2400 ***
F. COLI.	79	>2400 ***	350	>2400 ***	1600 ***	140
PEST.	N/A	N/A	N/A	N/A	N/A	N/A
TEMP.	20.5	28.0	26.4	20.7	18.5	19.5
COND.	900	950	800	500	470	690
pH	7.3	6.5	6.25	6.5	7.1	6.8
DO	5.1	3.0 ***	3.4 ***	4.3 ***	4.0 ***	4.6 ***
TIME	1130 hrs.	—	1530 hrs.	1700 hrs.	0940 hrs.	1530 hrs.

EXHIBIT J

Results of
Surface Water Quality Monitoring
in Catfish Creek (Sarasota County -
Environmental Services Department, 1985)
During the Period of 1980 - 1985

WATER QUALITY REPORT FORM

LAB # 42

TIME A - GRAB SAMPLE	
0830	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0 ft

AGENCY S O A C	STATION 24.01.0639	DATE 2/4/80
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REMARKS

*Estimated count.

LOCATION Stream Run #5
Catfish Creek at Vamo Way

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓	P ORTHO DISS	MG/L	671	0.099✓
WIND DIR	DEG	36	0✓	P TOT	MG/L	665	NA
WIND VEL	MPH	35	0✓	NO ₂ N	MG/L	615	0.000✓
TEMP WATER	OC	10	16.5✓	(NO ₂ +NO ₃)-N	MG/L	630	0.000✓
D.O.	MG/L	299	***2.6✓	NH ₃ N	MG/L	608	0.060✓
COND	μMHO/CM	94	32000✓	ORGANIC N	MG/L	605	1.683✓
pH FIELD	STD	400	7.4✓	N KJEL (TKN)	MG/L	625	1.743✓
REDOX (EH)	MV	90	450✓	N TOT	MG/L	600	1.743✓
pH LAB	STD	403	7.84✓	Total Alkalinity	MG/L	410	
COND LAB	μMHO/CM	95	22000✓				
TURBIDITY	FTU	76	7.6✓	Residue Non-Filterable (TSS)	MG/L	530	
COLOR	PtCo	80	80✓				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable	MG/L	535	
BOD	MG/L	310		(Total Suspended Volatile Solids)			
COD	MG/L	335					
				Residue, Fixed Non-Filterable			
COLI MF	#/100ML	31501	***4200✓	(Total Suspended Fixed Solids)			
FECAL MF	#/100ML	31616	610✓				
STREP MF	#/100ML	31679	180*✓	Residue Filterable(TDS)	MG/L	70300	
Chlorine Residue	MG/L	50060		AGENCY	STD	27	8074

SAMPLE TAKEN BY: Maloney/Helton
REPORT PREPARED BY: Date

REPORT VERIFIED BY: J. Gurney

C&W

3-10-80

1 CHANGE

DATE COMPLETE

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 111

AGENCY SARA C	STATION 24.01.0639	DATE 3/18/80
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TIME A - GRAB SAMPLE 0830	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0 ft.

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 Catfish Creek at Vamo Way			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	200✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	25✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	***4.1✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	14000✓	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.2✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	-	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	3.9✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	110✓				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
				Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	***20000✓				
FECAL MF	#/100ML	31616	4600✓				
FEC STREP MF	#/100ML	31679	410✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	50060		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. [Signature]			
REPORT PREPARED BY: caw				() CHANGE			
3-24-80				DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 145

AGENCY	STATION	DATE
SARA C	24.01.0639	4/15/80

TIME A - GRAB SAMPLE	
0820	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0 ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #5</u> Catfish Creek at Vamo Way			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2 ✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	300 ✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3 ✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	25.5 ✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	-	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.4 ✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	-	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	33000 ✓				
TURBIDITY	NTU	76	8.5 ✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	70 ✓				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
				Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	*** 3700 ✓				
FECAL MF	#/100ML	31616	*** 2500 ✓				
FEC STREP MF	#/100ML	31679	510 ✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	50060		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>[Signature]</i>			
REPORT PREPARED BY: caw 4-23-80				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 175

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0639	5/5/80	0930	1.0 ft.
			TIME B COMPOSITE SAMPLE	
			BEGIN	
			END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #5 Catfish Creek at Vamo Way			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043		P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	330✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	29✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	-	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.35✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	39000✓				
TURBIDITY	NTU	76	7.1✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	70✓				
D.O. LAB	MG/L	300	*** 1.7✓	Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
				Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	100*✓				
FECAL MF	#/100ML	31616	30*✓				
FEC STREP MF	#/100ML	31679	20*✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	50060		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Sun			
REPORT PREPARED BY: caw				() CHANGE			
5-8-80				DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 254

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH 1.0 ft.
SARA C	24.01.0639	6/30/80	0900	
			TIME B COMPOSITE SAMPLE	
			COMP	BEGIN
				END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #5</u>			
*Estimated count.				Catfish Creek at Vamo Way.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	33	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	-	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.52	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	39000				
TURBIDITY	NTU	76	4.5	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	60				
D.O. LAB	MG/L	299	*** 1.2	Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	200*				
FECAL MF	#/100ML	31616	30*				
FEC STREP MF	#/100ML	31679	30*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Bury			
REPORT PREPARED BY: caw 7-2-80				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 281

AGENCY	STATION	DATE
SARA C	24.01.0639	7/28/80

TIME A - GRAB SAMPLE	
0930	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0 ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #5 Catfish Creek at Vamo Way.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	1	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	225	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	30.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	-	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.34	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	32000				
TURBIDITY	NTU	76	7.1	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	80				
D.O. LAB	MG/L	300	*** 1.0	Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	1400*				
FECAL MF	#/100ML	31616	160*				
FEC STREP MF	#/100ML	31679	1200*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Guss			
REPORT PREPARED BY: caw 7-31-80				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 330

AGENCY	STATION	DATE
SARA C	24.01.0639	9/8/80

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

TIME A - GRAB SAMPLE		DEPTH .5 m
0920		
TIME B COMPOSITE SAMPLE		
COMP	BEGIN END	

REMARKS				LOCATION			
*Estimated count.				Stream Run #5 Catfish Creek at Vamo Way.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2 ✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0 ✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	32.9 ✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	***0.0 ✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	33300 ✓	ORGANIC N	MG/L	605	
pH FIELD	STD	400	6.8 ✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-0.005 ✓	N TOT	MG/L	600	
pH LAB	STD	403	-	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	8.2 ✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	80 ✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	***4300 ✓				
FECAL MF	#/100ML	31616	410 ✓				
FEC STREE MF	#/100ML	31679	30* ✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Guy			
REPORT PREPARED BY: caw 9-4-80				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 375

AGENCY SARA C	STATION 24.01.0639	DATE 10/13/80	TIME A - GRAB SAMPLE 1125	DEPTH 1.5 Ft.
			TIME B COMPOSITE SAMPLE	
			BEGIN	
			COMP	END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION Stream Run #1 Catfish Creek at Vamo Way.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓	P ORTHO DISS	MG/L	671	0.343✓
WIND DIR	DEG	36	25✓	P TOT	MG/L	665	1.170✓
WIND VEL	MPH	35	3✓	NO2 N	MG/L	615	0.000✓
TEMP WATER	°C	10	25✓	(NO2+NO3)-N	MG/L	630	0.000✓
D.O.	MG/L	299	***1.1✓	NH3 N	MG/L	608	0.040✓
COND	µMHO/CM	94	41000✓	ORGANIC N	MG/L	605	2.425✓
pH FIELD	STD	400	7.1✓	N KJEL (TKN)	MG/L	625	2.465✓
REDOX (EH)	MV	90	210✓	N TOT	MG/L	600	2.465✓
pH LAB	STD	403	7.55✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	6.0✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	70✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	1500✓				
FECAL MF	#/100ML	31616	220✓				
FEC STREP MF	#/100ML	31679	60✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Swan			
REPORT PREPARED BY: caw 10-27-80				() CHANGE DATE SUBMITTED			

Pollution Control Division
 Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 439

AGENCY	STATION	DATE
SARA C	24.01.0639	12/15/80

TIME A - GRAB SAMPLE	
1120	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.5 Ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
 DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #1</u>			
*Estimated count.				Catfish Creek at Vamo Way.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	21.3✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	***0.6✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	39800✓	ORGANIC N	MG/L	605	
pH FIELD	STD	400	6.8✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	110✓	N TOT	MG/L	600	
pH LAB	STD	403	7.48✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	38000✓				
TURBIDITY	NTU	76	2.7✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	30✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	1100*✓				
FECAL MF	#/100ML	31616	20*✓				
FEC STREP MF	#/100ML	31679	10*✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY: <u>J. L...</u>			
REPORT PREPARED BY: <u>caw</u>				DATE SUBMITTED: <u>12-17-80</u>			
				() CHANGE			

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 17

AGENCY SARA C	STATION 24.01.0639	DATE 1/19/81	TIME A - GRAB SAMPLE 1200	DEPTH 1.5 Ft.
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION Stream Run #1 Catfish Creek and Vamo Way.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	10	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	14	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	-	NH3 N	MG/L	608	
COND	µMHO/CM	94	40000	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.79	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	4.6	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	30				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	400*				
FECAL MF	#/100ML	31616	45*				
FEC STREP MF	#/100ML	31679	20*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. Sun</i>			
REPORT PREPARED BY: CAW 1-22-80				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 40

AGENCY	STATION	DATE
SARA C	24.01.0639	2/2/81

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

TIME A - GRAB SAMPLE	
1120	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.5 Ft.

REMARKS				LOCATION Stream Run #1 Catfish Creek at Vamo Rd.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓	P ORTHO DISS	MG/L	671	0.523✓
WIND DIR	DEG	36	320✓	P TOT	MG/L	665	0.647✓
WIND VEL	MPH	35	15✓	NO2 N	MG/L	615	0.221✓
TEMP WATER	°C	10	21.1✓	(NO2+NO3)-N	MG/L	630	0.792✓
D.O.	MG/L	299	*** 2.7✓	NH3 N	MG/L	608	1.608✓
COND	µMHO/CM	94	36700✓	ORGANIC N	MG/L	605	3.546✓
pH FIELD	STD	400	7.1✓	N KJEL (TKN)	MG/L	625	4.338✓
REDOX (EH)	MV	90	159✓	N TOT	MG/L	600	5.130✓
pH LAB	STD	403	7.71✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	15400✓				
TURBIDITY	NTU	76	7.6✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	70✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	*** 34000✓				
FECAL MF	#/100ML	31616	*** 3100✓				
FEC STREP MF	#/100ML	31679	930✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Bury			
REPORT PREPARED BY: caw 2-12-81				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 75

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0639	3/2/81	1210	1.5 Ft.
			TIME B COMPOSITE SAMPLE	
			BEGIN	
			END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #1 Catfish Creek and Vamo Way bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	1✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	200✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	22✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	3.2✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	13000✓	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.88✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	3.0✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	60✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	800*✓				
FECAL MF	#/100ML	31616	40*✓				
FEC STREP MF	#/100ML	31679	10*✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Sun			
REPORT PREPARED BY: caw 3-5-81				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 118

AGENCY	STATION	DATE
SARA C	24.01.0639	4/6/81

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

TIME A - GRAB SAMPLE	
1055	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.5 Ft.

REMARKS				LOCATION			
*Estimated count.				Stream Run #1 Catfish Creek at Vamo Way bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	30✓	P TOT	MG/L	665	
WIND VEL	MPH	35	10✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	28✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	300	***4.0✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.75✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	16,600✓				
TURBIDITY	NTU	76	7.7✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	80✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	180,000*✓				
FECAL MF	#/100ML	31616	80*✓				
FEC STREB MF	#/100ML	31679	60*✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. L. L...			
REPORT PREPARED BY: caw 4-10-81				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 169

AGENCY SARA C	STATION 24.01.0639	DATE 5/11/81
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TIME A - GRAB SAMPLE 1125	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN END

DEPTH
1.5 Ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #1</u>			
(*Sensitivity in this range is poor. *Estimated count.				Catfish Creek at Vamo Road bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	270✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	26.5✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	300	***2.7✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.57✓	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	④40000✓				
TURBIDITY	NTU	76	3.3✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	70✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	200*✓				
FECAL MF	#/100ML	31616	130*✓				
FEC STREE MF	#/100ML	31679	27*✓	Residue Fil-terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. Egan</i>			
REPORT PREPARED BY: caw 5-18-81				() CHANGE DATE SUBMITTED			

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM

LAB# 214

AGENCY	STATION	DATE
SARA C	24.01.0639	6/15/81

TIME A - GRAB SAMPLE	
1110	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.5 Ft.

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #1			
				Catfish Creek and Vamo Road bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	0.520 ✓
WIND DIR	DEG	36	90 ✓	P TOT	MG/L	665	0.746 ✓
WIND VEL	MPH	35	3 ✓	NO ₂ N	MG/L	615	0.000 ✓
TEMP WATER	°C	10	30 ✓	(NO ₂ +NO ₃)-N	MG/L	630	0.000 ✓
D.O.	MG/L	299	***0.1 ✓	NH ₃ N	MG/L	608	0.030 ✓
COND	UMHO/CM	94	-	ORGANIC N	MG/L	605	1.951 ✓
PH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.981 ✓
REDOX	MV	90	20 ✓	N TOT	MG/L	600	1.981 ✓
pH LAB	STD	403	8.02 ✓	FLUORIDES DIS	MG/L	950	0.97 ✓
COND LAB	UMHO/CM	95	40500 ✓				
TURBIDITY	NTU	76	8.2 ✓	CHL - A	MG/L	32230	
COLOR	PtCo	80	80 ✓	CHL - B	MG/L	32231	
D.O. LAB	MG/L	299		CHL - C	MG/L	32232	
BOD	MG/L	310		CHL TOT (A+B+C)	MG/L	32234	
COD	MG/L	335		PHEO - A	µg/l	32218	
Transparency (Secchi Disk)	Meters	00078		PHEO RATIO (OD 663) a/b	µg/l	32219	
COLI MF	#/100 ML	31501	200* ✓				
FECAL MF	#/100 ML	31616	30* ✓				
FEC STREP MF	#/100 ML	31679	2500 ✓	Residue Fil-terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. Dunn</i>			
REPORT PREPARED BY: caw				() CHANGE			
				DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 239

AGENCY	STATION	DATE
SARA C	24.01.0639	6/30/81

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

TIME A - GRAB SAMPLE		DEPTH 1.5 Ft.
1040		
TIME B COMPOSITE SAMPLE		
COMP	BEGIN	
	END	

REMARKS				LOCATION <u>Stream Run #1</u> Catfish Creek and Vamo Way bridge.			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90✓	P TOT	MG/L	665	
WIND VEL	MPH	35	10✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	28.3✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L		*** 0.0	NH3 N	MG/L	608	
COND	µMHO/CM	94	46900✓	ORGANIC N	MG/L	605	
pH FIELD	STD	400	6.7✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-157✓	N TOT	MG/L	600	
pH LAB	STD	403	-	FLUORIDES DISSOLVED	MG/L	950	1.01✓
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	6.8✓	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	60✓				
D.O. LAB	MG/L	299		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<100*✓				
FECAL MF	#/100ML	31616	<10*✓				
FEC STREB MF	#/100ML	31679	27*✓	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. L. L...			
REPORT PREPARED BY: Caw 7-6-81				() CHANGE DATE SUBMITTED			

Sarasota County
Pollution Control Department

WATER QUALITY REPORT FORM Lab# 278

AGENCY SARA C	STATION 24.01.0639	DATE 8/3/81	TIME A - GRAB SAMPLE 0945	DEPTH 1.5
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS Chlorophyll absorbance not in linear range *Estimated Count				LOCATION Stream Run #1 Catfish Creek at Vamo Way Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043		P ORTHO DISS	MG/L	671	0.530
WIND DIR	DEG	36	160	P TOT	MG/L	665	0.802
WIND VEL	MPH	35	3	NO ₂ N	MG/L	615	0.010
TEMP WATER	°C	10	30.0	(NO ₂ +NO ₃)-N	MG/L	630	0.010
D.O.	MG/L	299	*** 0.0	NH ₃ N	MG/L	608	0.123
COND	µMHO/CM	94	44000	ORGANIC N	MG/L	605	1.257
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.380
REDOX	MV	90	-	N TOT	MG/L	600	1.390
pH LAB	STD	403	7.33	FLUORIDES DIS	MG/L	950	0.59
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	14	CHL-A CORR	µg/l	32211	41.39
COLOR	PtCo	80	80	PHEO - A	µg/l	32218	10.03
D.O. LAB	MG/L	299		CHL - A	µg/l	32210	47.83
BOD	MG/L	310		CHL - B	µg/l	32212	5.23
COD	MG/L	335		CHL - C	µg/l	32214	15.88
Transparency (Secchi disk)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	68.94
COLI MF	#/100 ML	31501	*** 6000*	PHEO RATIO (OD 663) b/a		32219	1.56
FECAL MF	#/100 ML	31616	5500***				
FEC STREP MF	#/100 ML	31679	2500	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Sun			
REPORT PREPARED BY:				() CHANGE			
				DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 375

AGENCY SARA C	STATION 24.01.0639	DATE 10/5/81	TIME A - GRAB SAMPLE 0900	DEPTH 1.5 Ft.
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #1 Catfish Creek at Vamo Way bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	28.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	300	***10.0	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.7	FLUORIDES DISSOLVED	MG/L	950	0.78
COND LAB	µMHO/CM	95	34,100				
TURBIDITY	NTU	76	7.4	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	100				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	50*				
FEC STREP MF	#/100ML	31679	90*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Kuen			
REPORT PREPARED BY: caw 10/13/81				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 419

AGENCY SARA C	STATION 24.01.0639	DATE 11/9/81	TIME A - GRAB SAMPLE 1055	DEPTH 1.5 Ft.
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

EPA/ DER Approved, Lab. ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION Stream Run #1 Catfish Creek at Vamo Way bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	45	P TOT	MG/L	665	
WIND VEL	MPH	35	5	NO2 N	MG/L	615	
TEMP WATER	°C	10	23.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L		***3.0	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.5	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	32900				
TURBIDITY	NTU	76	5.0	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	50				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	200*				
FECAL MF	#/100ML	31616	170*				
FEC STREP MF	#/100ML	31679	1700*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Lunn			
REPORT PREPARED BY: caw 11/16/81				() CHANGE DATE SUBMITTED			

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM

Lab# 3

AGENCY ARA C	STATION #639	DATE 1-5-82	TIME & DATE SAMPLE 1240	DEPTH 1.5
			TIME & COMPOSITE SAMPLE	
			COMP	END

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS ** Surface Temp. = 21.0
* Estimated count

LOCATION Stream run #1
catfish Creek at Vamo way
Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.161
WIND DIR	DEG	36	10	P TOT	MG/L	665	0.425
WIND VEL	MPH	35	15	NO ₂ N	MG/L	615	<0.020
TEMP WATER	°C	10	24.5	(NO ₂ + NO ₃) - N	MG/L	630 620	<0.020 <0.020
D.O.	MG/L	300	*** (3.9)	NH ₃ N	MG/L	608 610	<0.020
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	2.001
FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	2.001
REDOX	MV	90	-	N TOT	MG/L	600	2.001
pH LAB	STD	403	7.7	FLUORIDES DIS	MG/L	950	1.17
TURBID LAB	µMHO/CM	95	30600				
TURBIDITY	NTU	76	5.5	CHL-A CORR	µg/l	32211	76.76
COLOR	PtCo	80	75	PHEO - A	µg/l	32218	25.59
D.O. LAB	MG/L	299		CHL - A	µg/l	32210	92.95
BOD	MG/L	310		CHL - B	µg/l	32212	16.95
COD	MG/L	335		CHL - C	µg/l	32214	25.13
Transparency (Secchi)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	135.03
COLI MF	#/100 ML	31501	*** (2700)	PHEO RATIO (OD 663) b/a		32219	1.52
FECAL MF	#/100 ML	31616	470				
FEC STREP MF	#/100 ML	31679	580	Residue Non- filterable (TSS)	MG/L	530	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT VERIFIED BY: J. L. L.

REPORT PREPARED BY:

1/25/82

() CHANGE

DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 76

AGENCY SARA C	STATION #639	DATE 3-8-82
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TIME A - GRAB SAMPLE 1130	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count				LOCATION Stream Run #1 Cat Fish Creek at Vamo way Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VAL E
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	45	P TOT	MG/L	665	
WIND VEL	MPH	35	10	NO2 N	MG/L	615	
TEMP WATER	°C	10	16.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	300	6.1	NH3 N	MG/L	608	
COND	µMHO/CM	94	1830	ORGANIC N	MG/L	605	
PH FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	0	N TOT	MG/L	600	
PH LAB	STD	403	7.6	FLUORIDES DISSOLVED	MG/L	950	0.55
COND LAB	µMHO/CM	95					
TURBIDITY	NTU	76	3.0	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	120				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	1000*				
FECAL MF	#/100ML	31616	140*				
EC STREB MF	#/100ML	31679	1000*	Residue Fil-terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: [Signature]			
REPORT PREPARED BY: caw				DATE SUBMITTED: 3/12/82			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 111+113

NCY SARA C	STATION #639	DATE 4-5-82	TIME A - GRAB SAMPLE 0930	DEPTH 1.0
			TIME B - COMPOSITE SAMPLE	
			COMP	BEGIN END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS Bact-grab-4/6/82-1010-Lab #113 *Estimated count				LOCATION Stream Run # cat fish creek at Vano Rd. Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.143
WIND DIR	DEG	36	90	P TOT	MG/L	665	0.205
WIND VEL	MPH	35	5	NO2 N	MG/L	615	<0.020
TEMP WATER	°C	10	22.5	(NO2+NO3)-N	MG/L	630	0.062
D.O.	MG/L	300	*** 4.6	NH3 N	MG/L	608	0.076
COND	µMHO/CM	94	1480	ORGANIC N	MG/L	605	2.008
PH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	2.084
SALINITY	PPTH	480	1.0	N TOT	MG/L	600	2.146
PH LAB	STD	403	7.7	FLUORIDES DISSOLVED	MG/L	950	0.59
COND LAB	µMHO/CM	95					
TURBIDITY	NTU	76	3.5	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	100				
D.O. LAB	MG/L	299		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able: (TSFS)			
COLI MF	#/100ML	31501	1300 *				
FECAL MF	#/100ML	31616	240				
EC STREB MF	#/100ML	31679	420	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>DeLong</i>				REPORT VERIFIED BY: <i>DeLong</i>			
REPORT PREPARED BY: <i>Caw</i>				() CHANGE			
4/26/82				DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 152

INVT	STATION	DATE
ARA C	#639	5-3-82

TIME & DATE SAMPLE	
1100	
TIME & COMPOSITE SAMPLE	
CO/AP	BIDIN
	IND

DEPTH

1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream run #1</u> <u>Catfish Creek at Vamo Rd Bridge</u>			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	---	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	--- 45	P TOT	MG/L	665	
WIND VEL	MPH	35	--- 10	NO2 N	MG/L	615	
TEMP WATER	°C	10	20.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	300	---	NH3 N	MG/L	608	
COND	UMHO/CM	94	1500	ORGANIC N	MG/L	605	
FIELD	STD	400	---	N KJEL (TKN)	MG/L	625	
SALINITY	PPHE	480	2.0	N TOT	MG/L	600	
PH LAB	STD	7403	7.6	FLUORIDES DISSOLVED	MG/L	950	0.71
COND LAB	UMHO/CM	95					
TURBIDITY	NTU	76	2.3	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	100				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSPS)			
COLI MF	#/100ML	31501	730*				
FECAL MF	#/100ML	31616	180*				
FEC STEEP MF	#/100ML	31679	180*	Residue Fil-terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Mohany</u>				REPORT VERIFIED BY: <u>J. Egan</u>			
REPORT PREPARED BY: <u>CW</u>				() CHANGE			
DATE SUBMITTED: <u>5/6/82</u>							

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM

Lab# 241

AGENCY SARA C	STATION #639	DATE 7-7-82
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TIME A - GRAB SAMPLE 1300		DEPTH 1.0
TIME B - COMPOSITE SAMPLE		
COMP	BEFORE END	

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION <u>Stream run #1</u> <u>Cat Fish creek at Vamo Rd.</u> <u>Bridge</u>			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	<u>IN</u>	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	<u>180</u>	P TOT	MG/L	665	
WIND VEL	MPH	35	<u>3</u>	NO ₂ N	MG/L	615	
TEMP WATER	°C	10	<u>27.0</u>	(NO ₂ +NO ₃)-N	MG/L	630	
D.O.	MG/L	300	<u>5.0</u>	NH ₃ N	MG/L	608	
COND	µMHO/CM	94	<u>870</u>	ORGANIC N	MG/L	605	
pH FIELD	STD	400	<u>-</u>	N-KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	<u>0</u>	N TOT	MG/L	600	
pH LAB	STD	403	<u>7.7</u>	FLUORIDES DIS	MG/L	950	<u>0.53</u>
COND LAB	µMHO/CM	95	<u>927</u>				
TURBIDITY	NTU	76	<u>1.5</u>	CHL-A CORR	µg/l	32211	
COLOR	PtCo	80	<u>150</u>	PHEO - A	µg/l	32218	
D.O. LAB	MG/L	299		CHL - A	µg/l	32210	
BOD	MG/L	310		CHL - B	µg/l	32212	
COD	MG/L	335		CHL - C	µg/l	32214	
Transparency (Secchi)	Meters	00078	<u>1</u>	CHL TOT (A+B+C)	µg/l	32216	
COLI MF	#/100 ML	31501	<u>180*</u>	PHEO RATIO (OD 663) b/a		32219	
FECAL MF	#/100 ML	31616	<u>150*</u>				
FEC STREP MF	#/100 ML	31679	<u>2180</u>	Residue Non-Filtrable (TSS)	MG/L	530	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY: <u>[Signature]</u>			
REPORT PREPARED BY: <u>7/12/82</u>				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 309

AGENCY SARA C	STATION #639	DATE 8-24-82	TIME A - GRAB SAMPLE 1040	DEPTH 1.0
			TIME B - COMPOSITE SAMPLE	
			COMP IND	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1-Catfish Creek + Vano way Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR-	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	27.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** (9.5)	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	7.5	FLUORIDES DISSOLVED	MG/L	950	0.45
COND LAB	µMHO/CM	95	824				
TURBIDITY	NTU	76	1.1	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	100				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	300*				
FECAL MF	#/100ML	31616	100*				
FEC STREB MF	#/100ML	31679	420	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney, Mick</u>				REPORT VERIFIED BY: <u>J. Gunn</u>			
REPORT PREPARED BY: <u>caw</u>				() CHANGE			
				DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 328

AGENCY S C A C	STATION #639	DATE 9-20-82	TIME A - GRAB SAMPLE 1150	DEPTH 1.0
			TIME B COMPOSITE SAMPLE	
			COMP	END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION Stream run #1 Catfish creek at Vamo rd way Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	27.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** (3.0)	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	7.6	FLUORIDES DISSOLVED	MG/L	950	0.56
COND LAB	µMHO/CM	95	3180				
TURBIDITY	NTU	76	1.7	TOTAL RESIDUE NON-FILTERABLE (TSS)	MG/L	530	
COLOR	PtCo	80	120				
D.O. LAB	MG/L	300		Residue Volatile NON- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078	-	Residue, Fixed Non-Filter- able (TSFS)	MG/L	540	
COLI MF	#/100ML	31501	210				
F-CAL MF	#/100ML	31616	2500 210				
FEC STREP MF	#/100ML	31679	2500	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	::		AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY: <u>J. [Signature]</u>			
REPORT PREPARED BY: <u>caw</u>				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 383

AGENCY SARA C	STATION <u>639</u>	DATE <u>10/25/82</u>	TIME A - GRAB SAMPLE <u>1138</u>	DEPTH <u>1.0</u>
EPA/ DER Approved, Lab ID. #FL035/EL036 DHRS Certified, Lab ID. #44037			TIME B COMPOSITE SAMPLE	
			COMP	IND

REMARKS				LOCATION			
*Estimated count.				<u>Stream Run #1</u> <u>Catfish Creek at Ramo Way</u> <u>Bridge</u>			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	<u>out</u>	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	<u>—</u>	P TOT	MG/L	665	
WIND VEL	MPH	35	<u>0</u>	NO2 N	MG/L	615	
TEMP WATER	°C	10	<u>18.5</u>	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	<u>6.3</u>	NH3 N	MG/L	608	
COND	µMHO/CM	94	<u>7.2</u> <u>970</u>	ORGANIC N	MG/L	605	
PH FIELD	STD	400		N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	<u>0.8</u>	N TOT	MG/L	600	
PH LAB	STD	403	<u>7.4</u>	FLUORIDES DISSOLVED	MG/L	950 ^h	<u>0.53</u>
COND LAB	µMHO/CM	95	<u>7.2</u> <u>575</u>				
TURBIDITY	NTU	76	<u>6.8</u>	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	<u>60</u>				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<u>100*</u>				
FECAL MF	#/100ML	31616	<u>80*</u>				
TOTAL STREP MF	#/100ML	31679	<u>11.00*</u>	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>WEEFORD / HICK</u>				REPORT VERIFIED BY: <u>[Signature]</u>			
ANALYZED BY: <u>caw</u>				DATE SUBMITTED: <u>11/1/82</u>			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 425

TIME A - GRAB SAMPLE	
1100	
TIME B - COMPOSITE SAMPLE	
COMP	DOIM
	END

DEPTH

1.5'

EPA/ DER Approved, Lab ID. #FL035/EL036
P RS Certified, Lab ID. #44037

REMARKS

*Estimated count.

LOCATION Stream Run #1
catfish creek at Vamo way
Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR-	DEG	36	90	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	22.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	5.1	NH3 N	MG/L	608	
COND	µMHO/CM	94	4300	ORGANIC N	MG/L	605	
P FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	3.0	N TOT	MG/L	600	
pH LAB	STD	403	7.5	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	4250				
TURBIDITY	NTU	76	5.5	TOTAL RESIDUE NON-FILTERABLE (TSS)	MG/L	530	
COLOR	PtCo	80	110				
D.O. LAB	MG/L	300		Residue Volatile NON- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)	MG/L	540	
LI MF	#/100ML	31501	23000*				
FECAL MF	#/100ML	31616	700*				
STREP MF	#/100ML	31679	800	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY:

Maloney

REPORT VERIFIED BY:

J. Lundy

REPORT PREPARED BY:

caw

12/8/82

() CHANGE

DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 1

AGENCY	STATION	DATE
S A C	#639	1-10-83

TIME A - GRAB SAMPLE	
1230	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
PORS Certified, Lab ID. #44037

REMARKS [⊗] Cond. difference due to poor mixing
in stream

*Estimated count.

LOCATION Stream Run #1

Catfish Creek & Vano way
Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT ✓	P ORTHO DISS	MG/L	671	
WIND DIR-	DEG	36	90 ✓	P TOT	MG/L	665	
WIND VEL	MPH	35	5 ✓	NO ₂ N	MG/L	615	
TEMP WATER	°C	10	22.0 ✓	(NO ₂ +NO ₃)-N	MG/L	630	
D.O.	MG/L	299	9.4 ✓	NH ₃ N	MG/L	608	
COND	µMHO/CM	94	24500 23000	ORGANIC N	MG/L	605	
FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	15.0 ✓	N TOT	MG/L	600	
pH LAB	STD	403	7.4 ✓	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	7850 ✓				
TURBIDITY	NTU	76	3.5 ✓	TOTAL RESIDUE NON-FILTERABLE (TSS)	MG/L	530	
COLOR	PtCo	80	110 ✓				
D.O. LAB	MG/L	300		Residue Volatile NON- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)	MG/L	540	
LI MF	#/100ML	31501	*** 3200 ✓				
FECAL MF	#/100ML	31616	*** 980 *				
STEEP MF	#/100ML	31679	700 *	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	::		AGENCY	STD	27	

SAMPLE TAKEN BY: *Maloney*

REPORT PREPARED BY:

caw

1/17/83

REPORT VERIFIED BY: *J. Guen*

() CHANGE.

DATE SUBMITTED

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM

Lab# 34

AGENCY	STATION
SARA C	#639

DATE 2-8-83

TIME A - GRAB SAMPLE	
1040	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream run #1</u> <u>catfish creek & uamo way</u> <u>Bridge</u>			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.062
WIND DIR	DEG	36	30	P TOT	MG/L	665	0.155
WIND VEL	MPH	35	5	NO ₂ N	MG/L	615	0.020
TEMP WATER	°C	10	13.5	(NO ₂ +NO ₃)-N	MG/L	630	0.197
D.O..	MG/L	300	7.4	NH ₃ N	MG/L	608	**** 0.141
COND	µMHO/CM	94	1103	ORGANIC N	MG/L	605	1.728
H FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.869
SALINITY	PPTH	480	0.5	N TOT	MG/L	600	2.066
pH LAB	STD	403	7.61	FLUORIDES DIS	MG/L	950	
COND LAB	µMHO/CM	95	823				
TURBIDITY	NTU	76	5.4	CHL-A CORR	µg/l	32211	
COLOR	PtCo	80	120	PHEO - A	µg/l	32218	
D.O. LAB	MG/L	299		CHL - A	µg/l	32210	
BOD	MG/L	310		CHL - B	µg/l	32212	
COD	MG/L	335		CHL - C	µg/l	32214	
Transparency (Secchi)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	
COLI MF	#/100 ML	31501		PHEO RATIO (OD 663) b/a		32219	
FECAL MF	#/100 ML	31616					
FEC STREP MF	#/100 ML	31679		Residue Non-Filtrable (TSS)	MG/L	530	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Malone</u>				REPORT VERIFIED BY: <u>J. L. L.</u>			
REPORT PREPARED BY: <u>1</u>				DATE SUBMITTED			
2/16/83				() CHANGE			

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 127

AGENCY SARA C	STATION #639	DATE 3-28-83	TIME A - GRAB SAMPLE 1115	DEPTH 1.0
			TIME B - COMPOSITE SAMPLE	
			COMP	BEGIN END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <i>Stream Run #1 Cat Fish Creek & Vamo way Bridge</i>			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	000043	OUT	P ORTHO DISS	MG/L	671	0.280
WIND DIR	DEG	36	340	P TOT	MG/L	665	0.315
WIND VEL	MPH	35	3	NO2 N	MG/L	615	<0.020
TEMP WATER	°C	10	19.0	(NO2+NO3)-N	MG/L	630	0.143
D.O.	MG/L	299	6.0	NH3 N	MG/L	608	0.040
COND	µMHO/CM	94	510	ORGANIC N	MG/L	605	1.369
pH FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	1.409
SALINITY	PPTH	480	0.0	N TOT	MG/L	600	1.552
pH LAB	STD	403	7.3	FLUORIDES DISSOLVED	MG/L	950	0.26
COND LAB	µMHO/CM	95	504				
TURBIDITY	NTU	76	4.6	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	160				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	*** 3000*				
FECAL MF	#/100ML	31616	530				
FEC STREB MF	#/100ML	31679	700*	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY: <i>J. Khan</i>			
REPORT PREPARED BY: <i>caw</i>				DATE SUBMITTED: <i>5-17-83</i>			
4/5/83				() CHANGE			

ENVIRONMENTAL SERVICES
 Florida Department of Environmental Protection
 Sarasota County Pollution Control Laboratory
 WATER QUALITY REPORT FORM Lab # 192

AGENCY ARA C	STATION 24 01 0 639	DATE 4-25-83	TIME A - GRAB SAMPLE 1145	DEPTH 1.0
EPA/ DER Approved, Lab ID. #FL035/EL036 DHRS Certified, Lab ID. #44037			TIME B COMPOSITE SAMPLE	
			COMP	BEOM
			END	

REMARKS				LOCATION Stream Run #1 Cat Fish Creek at Vamo way Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.021
WIND DIR	DEG	36	45	P TOT	MG/L	665	0.184
WIND VEL	MPH	35	5	NO2 N	MG/L	615	<0.020
TEMP WATER	°C	10	20.0	(NO2+NO3)-N	MG/L	630	0.020
D.O.	MG/L	299	6.6	NH3 N	MG/L	608	0.100
COND	µMHO/CM	94	2000	ORGANIC N	MG/L	605	1.380
PH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.480
SALINITY	PPTH	480	1.0	N TOT	MG/L	600	1.500
PH LAB	STD	403	7.6	FLUORIDES DISSOLVED	MG/L	950	0.54
COND LAB	µMHO/CM	95	1801				
TURBIDITY	NTU	76	7.5	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	110				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<1000 *				
FECAL MF	#/100ML	31616	270				
FEC STREB MF	#/100ML	31679	150	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY: <i>LM 6-22-83</i>			
REPORT PREPARED BY: <i>CW 5/2/83</i>				() CHANGE DATE SUBMITTED			

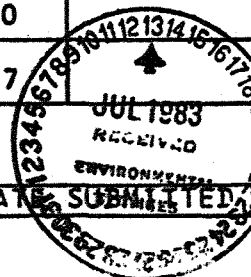
SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 244

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE <u>1210</u>	DEPTH
SARA C	<u>24-01-0639</u>	<u>5-31-83</u>	TIME B COMPOSITE SAMPLE	<u>1.0</u>
			COMP	BEGIN
				END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #1</u> <u>catfish creek at Vamo way</u> <u>Bridge</u>			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	000043	<u>OUT</u>	P ORTHO DISS	MG/L	671	<u>0.344</u>
WIND DIR	DEG	36	<u>40</u>	P TOT	MG/L	665	<u>1.435</u>
WIND VEL	MPH	35	<u>5</u>	NO2 N	MG/L	615	<u>< 0.020</u>
TEMP WATER	°C	10	<u>27.0</u>	(NO2+NO3)-N	MG/L	630	<u>0.028</u>
D.O.	MG/L	299	<u>2.3</u>	NH3 N	MG/L	608	<u>0.158</u>
COND	µMHO/CM	94	<u>1150</u>	ORGANIC N	MG/L	605	<u>1.130</u>
pH FIELD	STD	400	<u>-</u>	N KJEL (TKN)	MG/L	625	<u>1.288</u>
SALINITY	PPTH	480	<u>2.0</u>	N TOT	MG/L	600	<u>1.316</u>
pH LAB	STD	403	<u>7.8</u>	FLUORIDES DISSOLVED	MG/L	950	<u>0.67</u>
COND LAB	µMHO/CM	95	<u>8569</u>	SULFATE DISSOLVED	MG/L	946	<u>469.9</u>
TURBIDITY	NTU	76	<u>5.4</u>	Residue Non-Filterable (TSS)	MG/L	530	
COLOR	PtCo	80	<u>90</u>				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<u>na</u>				
FECAL MF	#/100ML	31616	<u>320</u>				
FEC STREP MF	#/100ML	31679	<u>16,000+</u>	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>2/2/83</u>				() CHANGE			



WATER QUALITY REPORT FORM Lab # 312

AGENCY SARA C	STATION 24-01-0639	DATE 7-5-83
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TIME A - OAS SAMPLE 1040		DEPTH 1.0
TIME B COMPOSITE SAMPLE		
COMP	BEGIN END	

PA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 Catfish Creek at Vamo way			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	27.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 2.5	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
PH LAB	STD	403	7.8	FLUORIDES DISSOLVED	MG/L	950	0.57
COND LAB	µMHO/CM	95	1947				
TURBIDITY	NTU	76	4.2	Residue Non-Filterer (TSS)	MG/L	530	
COLOR	PtCo	80	60				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<1000*				
FECAL MF	#/100ML	31616	280				
FEC STREP	#/100ML	31679	>10000*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: M. Lowe				REPORT VERIFIED BY:			
REPORT PREPARED BY: 7/11/83				() CHANGE			
				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 392

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0639	8-10-83	1120	1.0
			TIME B COMPOSITE SAMPLE	
			BEGIN	
			END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 catfish creek at Vamo way Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	26.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 3.0	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	7.4	FLUORIDES DISSOLVED	MG/L	950	0.82
COND LAB	µMHO/CM	95	446	SULFATE DISSOLVED	MG/L	946	65.2
TURBIDITY	NTU	76	5.4	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	220				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	NA				
FECAL MF	#/100ML	31616	*** >6000*				
FEC STREP MF	#/100ML	31679	>10000*	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Malone</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. L. L.</i>							
8/15/83				() CHANGE DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 441

AGENCY SARA C	STATION 24-01-0639	DATE 9-6-83	TIME A - GRAB SAMPLE 1045	DEPTH 1.0
			TIME B COMPOSITE SAMPLE	
			BEGIN	
			END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION Stream Run #1 Catfish creek at Vamo way Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	00T	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	120	P TOT	MG/L	665	
WIND VEL	MPH	35	5	NO2 N	MG/L	615	
TEMP WATER	°C	10	26.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 2.5	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	7.3	FLUORIDES DISSOLVED	MG/L	950	0.24
COND LAB	µMHO/CM	95	350	SULFATE DISSOLVED	MG/L	946	433
TURBIDITY	NTU	76	3.4	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	200				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<1000 *				
FECAL MF	#/100ML	31616	100 *				
FEC STREP MF	#/100ML	31679	46000	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>MA Lopez</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. Guffy</u>				() CHANGE			
9/12/83				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 540

AGENCY SARA C	STATION 24-01-0639	DATE 10-24-83
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TIME A - GRAB SAMPLE 1030		DEPTH 1.0
TIME B - COMPOSITE SAMPLE		
COMP	BEGIN END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION Stream Run #1 catfish creek at Vamo way Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	001	P ORTHO DISS	MG/L	671	0.302
WIND DIR	DEG	36	-	P TOT	MG/L	665	0.305
WIND VEL	MPH	35	0	NO2 N	MG/L	615	<0.020
TEMP WATER	°C	10	-	(NO2+NO3)-N	MG/L	630	0.133
D.O.	MG/L	299	-	NH3 N	MG/L	608	<0.020
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	1.195
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.195
SALINITY	PPTH	480	-	N TOT	MG/L	600	1.328
pH LAB	STD	403	7.5	FLUORIDES DISSOLVED	MG/L	950	0.36
COND LAB	µMHO/CM	95	827				
TURBIDITY	NTU	76	2.1	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	110				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335	4.8				
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<100 *				
FECAL MF	#/100ML	31616	30 *				
FEC STREP MF	#/100ML	31679	2900	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>M. J. [Signature]</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>[Signature]</u>				() CHANGE			
10/31/83				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 590

AGENCY	STATION	DATE
SARA C	24-01-0639	11-21-83

TIME A - GRAB SAMPLE		DEPTH 1.0
1020		
TIME B COMPOSITE SAMPLE		
COMP	BEGIN	
	END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRIS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 catfish creek at Vamo way Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90	P TOT	MG/L	665	
WIND VEL	MPH	35	5	NO2 N	MG/L	615	
TEMP WATER	°C	10	18.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	6.3	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	7.5	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	1030				
TURBIDITY	NTU	76	2.7	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	120				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	*** 3100				
FECAL MF	#/100ML	31616	***1200* 2300 fm				
FEC STREP MF	#/100ML	31679	2100	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. King</u>				() CHANGE			
11/28/83				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 651

AGENCY SARA C	STATION 24-01-0639	DATE 12-21-83
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TIME A - GRAB SAMPLE 1110		DEPTH 1.0
TIME B COMPOSITE SAMPLE		
COMP	BEGIN END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Row #1 catfish Creek at Vamo way Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	10	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	19.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	5.5	NH3 N	MG/L	608	
COND	µMHO/CM	94	420	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	0.0	N TOT	MG/L	600	
pH LAB	STD	403	7.5	FLUORIDES DISSOLVED	MG/L	950	0.36
COND LAB	µMHO/CM	95	484				
TURBIDITY	NTU	76	3.6	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	160				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	20*				
FEC STREP MF	#/100ML	31679		Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. S. S.</u> 12/23/83				() CHANGE DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 40

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0639	1-23-84	1000	1.0
			TIME B COMPOSITE SAMPLE	
			COMP	BEGIN
			END	

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS Q.A. Note: TKN spike recovery average 112.6% *Estimated count.				LOCATION Stream Run #1 Catfish Creek at Vamo Way bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.243
WIND DIR	DEG	36	90	P TOT	MG/L	665	N.A.
WIND VEL	MPH	35	10	NO2 N	MG/L	615	0.030
TEMP WATER	°C	10	17.0	(NO2+NO3)-N	MG/L	630	0.143
D.O.	MG/L	299	7.8	NH3 N	MG/L	608	0.020
COND	µMHO/CM	94	650	ORGANIC N	MG/L	605	1.155
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.175
SALINITY	PPTH	480	0.0	N TOT	MG/L	600	1.318
pH LAB	STD	403	7.7	FLUORIDES DISSOLVED	MG/L	950	0.61
COND LAB	µMHO/CM	95	746				
TURBIDITY	NTU	76	3.9	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	90				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<1000*				
FECAL MF	#/100ML	31616	280				
FEC STREP MF	#/100ML	31679	300*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>John</u> 2/2/84				() CHANGE DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 120

AGENCY SARA C	STATION 24-01-0639	DATE 2-27-84	TIME A - GRAB SAMPLE 1125	DEPTH 1.0
			TIME B COMPOSITE SAMPLE	
			COMP	BEGIN END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS Q.A. Note: TKN Spike recovery average 87.21% *Estimated count.				LOCATION Stream Run #1 catfish creek at Vamo way Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	IN	P ORTHO DISS	MG/L	671	0.192
WIND DIR	DEG	36	140	P TOT	MG/L	665	N.A.
WIND VEL	MPH	35	30	NO2 N	MG/L	615	<0.020
TEMP WATER	°C	10	20.5	(NO2+NO3)-N	MG/L	630	0.024
D.O.	MG/L	299	5.8	NH3 N	MG/L	608	<0.020
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	1.343
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.343
SALINITY	PPTH	480	-	N TOT	MG/L	600	1.367
pH LAB	STD	403	7.7	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	986				
TURBIDITY	NTU	76	3.3	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	80				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<1000 *				
FECAL MF	#/100ML	31616	330				
FEC STREP MF	#/100ML	31679	1000 *	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Mabrey</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. Sun</u> 3/5/84				() CHANGE DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 202

AGENCY SARA C	STATION 24-01-0639	DATE 4-2-84
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TIME A - GRAB SAMPLE 1040	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN END

DEPTH 1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS Q.A. Note: Ave TKN Spike recovery 112.8%
TP Ave Spike recovery 86.75%

LOCATION Stream Run #

*Estimated count.

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT	P ORTHO DISS	MG/L	671	0.173
WIND DIR	DEG	36	90	P TOT	MG/L	665	0.184
WIND VEL	MPH	35	5	NO2 N	MG/L	615	< 0.020
TEMP WATER	°C	10	16.5	(NO2+NO3)-N	MG/L	630	< 0.020
D.O.	MG/L	299	5.2	NH3 N	MG/L	608	0.050
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	1.186
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.236
SALINITY	PPTH	480	-	N TOT	MG/L	600	1.236
pH LAB	STD	403	7.7	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	833				
TURBIDITY	NTU	76	2.8	Residue Non-Filterable (TSS)	MG/L	530	
OR	PtCo	80	90				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	< 1000 *				
FECAL MF	#/100ML	31616	610 *				
FEC STREP MF	#/100ML	31679	1600 *	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: *M. Jensen*

REPORT PREPARED BY: *J. Gentry*

REPORT VERIFIED BY:

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 264

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH 1.0
SARA C	24-01-0639	5-2-84	1030	
TIME B COMPOSITE SAMPLE			BEOW	
COMP			END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #1</u> <u>Catfish Creek at Vamo Way</u> <u>Bridge</u>			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	IN	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	25.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	3.8	NH3 N	MG/L	608	
COND	µMHO/CM	94	2750	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.4	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	1.5	N TOT	MG/L	600	
pH LAB	STD	403	7.7	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	2252				
TURBIDITY	NTU	76	4.0	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	100				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<1000*				
FECAL MF	#/100ML	31616	200				
FEC STREP MF	#/100ML	31679	1100*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney, Ellison</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. Gun</u> 5/14/84				() CHANGE DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 322

AGENCY	STATION	DATE
SARA C	24-01-0639	6-6-84

TIME A - GRAB SAMPLE	
1040	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 Catfish creek at Vamo way			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90	P TOT	MG/L	665	
WIND VEL	MPH	35	5	NO2 N	MG/L	615	
TEMP WATER	°C	10	26.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 3.7	NH3 N	MG/L	608	
COND	µMHO/CM	94	4200	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.6	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	3.0	N TOT	MG/L	600	
pH LAB	STD	403	7.7	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	4353				
TURBIDITY	NTU	76	3.4	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	100				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	90*				
FEC STREP MF	#/100ML	31679	900*	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>Quinn</i>				() CHANGE			
6/11/84				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 384

AGENCY	STATION	DATE
SARA C	24-01-0639	7-9-84

TIME A - GRAB SAMPLE	
0905	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 Catfish Creek at Vamo Rd. Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.284
WIND DIR	DEG	36	-	P TOT	MG/L	665	N.A.
WIND VEL	MPH	35	0	NO2 N	MG/L	630	<0.020
TEMP WATER	°C	10	26.0	(NO2+NO3)-N	MG/L	630	0.112
D.O.	MG/L	299	***4.0	NH3 N	MG/L	608	0.050
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	0.790
pH FIELD	STD	400	7.1	N KJEL (TKN)	MG/L	625	0.840
SALINITY	PPTH	480	-	N TOT	MG/L	600	0.952
pH LAB	STD	403	7.7	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	1681				
TURBIDITY	NTU	76	1.7	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	60				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	50*				
EC STREP MF	#/100ML	31679	1400*	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>M. J. J.</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. J.</i>				DATE SUBMITTED			

7/17/84

7/17/84

DATE SUBMITTED

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 429

AGENCY ARA C	STATION 24-01-0639	DATE 8-1-84	TIME A - GRAB SAMPLE 1100	DEPTH 1.0
			TIME B - COMPOSITE SAMPLE	
			COMP BION	

EPA/ DER Approved, Lab ID. #FL035/EL036
 DHRS Certified, Lab ID. #44037

REMARKS

*Estimated count.

LOCATION Stream Run #1
 catfish creek at Vamo
 way Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90	P TOT	MG/L	665	
WIND VEL	MPH	35	5	NO2 N	MG/L	630	
TEMP WATER	°C	10	25.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 4.3	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	7.4	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	734				
TURBIDITY	NTU	76	1.4	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	120				
LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	70*				
STREP MF	#/100ML	31679	1000*	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: *M. Lopez*

REPORT VERIFIED BY:

REPORT PREPARED BY: *D. Lopez*

8/6/84

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 524

AGENCY ARA C	STATION 24-01-0639	DATE 9-19-84	TIME A - GRAB SAMPLE 1130	DEPTH 1.0
EPA/ DER Approved, Lab ID. #FL035/EL036 DHRIS Certified, Lab ID. #44037			TIME B COMPOSITE SAMPLE	
			COMP	BION
			END	

REMARKS				LOCATION Stream Run #1 Catfish Creek - at Vamo way Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90	P TOT	MG/L	665	
WIND VEL	MPH	35	10	NO2 N	MG/L	630	
TEMP WATER	°C	10	25.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	3.2	NH3 N	MG/L	608	
COND	µMHO/CM	94	6500	ORGANIC N	MG/L	605	
H FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	3.5	N TOT	MG/L	600	
pH LAB	STD	403	7.5	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	4188				
TURBIDITY	NTU	76	1.8	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	90				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<1000*				
FECAL MF	#/100ML	31616	700*				
FEC STREP MF	#/100ML	31679	8900	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: M. Lowe

REPORT PREPARED BY: J. Gue

9/21/84

REPORT VERIFIED BY:

CHANGE

DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 591

AGENCY

STATION

DATE

SARA C

24-01-0639

10-24-84

TIME A - GRAB SAMPLE

1020

TIME B COMPOSITE SAMPLE

DEPTH

1.0

COMP

BEIGN

END

EPA/ DER Approved, Lab ID. #FL035/EL036

DHRS Certified, Lab ID. #44037

REMARKS

*Estimated count.

LOCATION Stream Run #1 catfish
creek - at us 41 Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	IN	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	630	
TEMP WATER	°C	10	25.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	0.5	NH3 N	MG/L	608	
COND	µMHO/CM	94	40000	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	26.0	N TOT	MG/L	600	
pH LAB	STD	403	7.6	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	28119				
TURBIDITY	NTU	76	7.4	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	90				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<1000*				
FECAL MF	#/100ML	31616	220				
FEC STREP MF	#/100ML	31679	13000*	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: *Maloney*

REPORT PREPARED BY: *J. Green*

10/26/84

REPORT VERIFIED BY:

() CHANGE

DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 645

AGENCY	STATION	DATE
ARA C	24-01-0639	11-26-84

TIME A - GRAB SAMPLE	
1045	
TIME B - COMPOSITE SAMPLE	
COMP	DEON
	END

DEPTH

0.5

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS Tide-outgoing K = < L = > J = Estimated Count				LOCATION Stream Run #1 catfish creek at Vamo way Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	5000	P ORTHO DISS	MG/L	671	0.374
WIND DIR	DEG	36	90	P TOT	MG/L	665	N.A
WIND VEL	MPH	35	5	NO2 N	MG/L	650	0.021
TEMP WATER	°C	10	19.0	(NO2+NO3)-N	MG/L	630	0.106
D.O.	MG/L	299	7.3	NH3 N	MG/L	608	0.050
COND	µMHO/CM	94	26140	ORGANIC N	MG/L	605	1.125
H FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.175
SALINITY	PPTH	480	15.5	N TOT	MG/L	600	1.281
pH LAB	STD	403	8.0	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	14200				
TURBIDITY	NTU	76	2.3	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	60				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	K1000 J				
FECAL MF	#/100ML	31616	280				
REC STREP MF	#/100ML	31679	6200	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>John</u>				() CHANGE			
12/7/84				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 39

VCY	STATION	DATE
RA C	24-01-0639	1-21-85

TIME A - DEEP SAMPLE	
1040	
TIME B COMPOSITE SAMPLE	
COMP	DEPT
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRs Certified, Lab ID. #44037

REMARKS

K = <
L = >
J = Estimated Count

LOCATION Stream Run #1 catfish
creek & Vamo way Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J	P ORTHO DISS	MG/L	671	N.A.
WIND DIR	DEG	36	30	P TOT	MG/L	665	0.661
WIND VEL	MPH	35	15	NO2 N	MG/L	650	0
TEMP WATER	°C	10	13.0	(NO2+NO3)-N	MG/L	630	0
D.O.	MG/L	299	5.0	NH3 N	MG/L	608	N.A.
COND	µMHO/CM	94	32900	ORGANIC N	MG/L	605	N.A.
FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	3.188
SALINITY	PPTH	480	17.0	N TOT	MG/L	600	N.A.
pH LAB	STD	403	8.0	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	30671				
TURBIDITY	NTU	76	10.6	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	90				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	K 1000				
FECAL MF	#/100ML	31616	270				
STREP MF	#/100ML	31679	2500	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: *M. Hays*

REPORT VERIFIED BY:

REPORT PREPARED BY: *Shun*

1/30/85

CHANGE

DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 131

AGENCY SARASOTA C	STATION 24-01-0639	DATE 2-25-85	TIME A - GRAB SAMPLE 1115	DEPTH 1.0
			TIME B - COMPOSITE SAMPLE	
			COMP	BND

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 cat fish creek at Vamo way Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000J	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	110	P TOT	MG/L	665	
WIND VEL	MPH	35	5	NO2 N	MG/L	650	
TEMP WATER	°C	10	23.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	2.8	NH3 N	MG/L	608	
COND	µMHO/CM	94	17710	ORGANIC N	MG/L	605	
H FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	10.0	N TOT	MG/L	600	
pH LAB	STD	403	7.6	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	20251				
TURBIDITY	NTU	76	4.7	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	70				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	1000				
FECAL MF	#/100ML	31616	680 J				
FEC STREP MF	#/100ML	31679	500 J	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>M. Jones</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. Smith</i>				() CHANGE			
2/28/85				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 238

AGENCY	STATION	DATE
SARASOTA C	24-01-0639	8-25-85

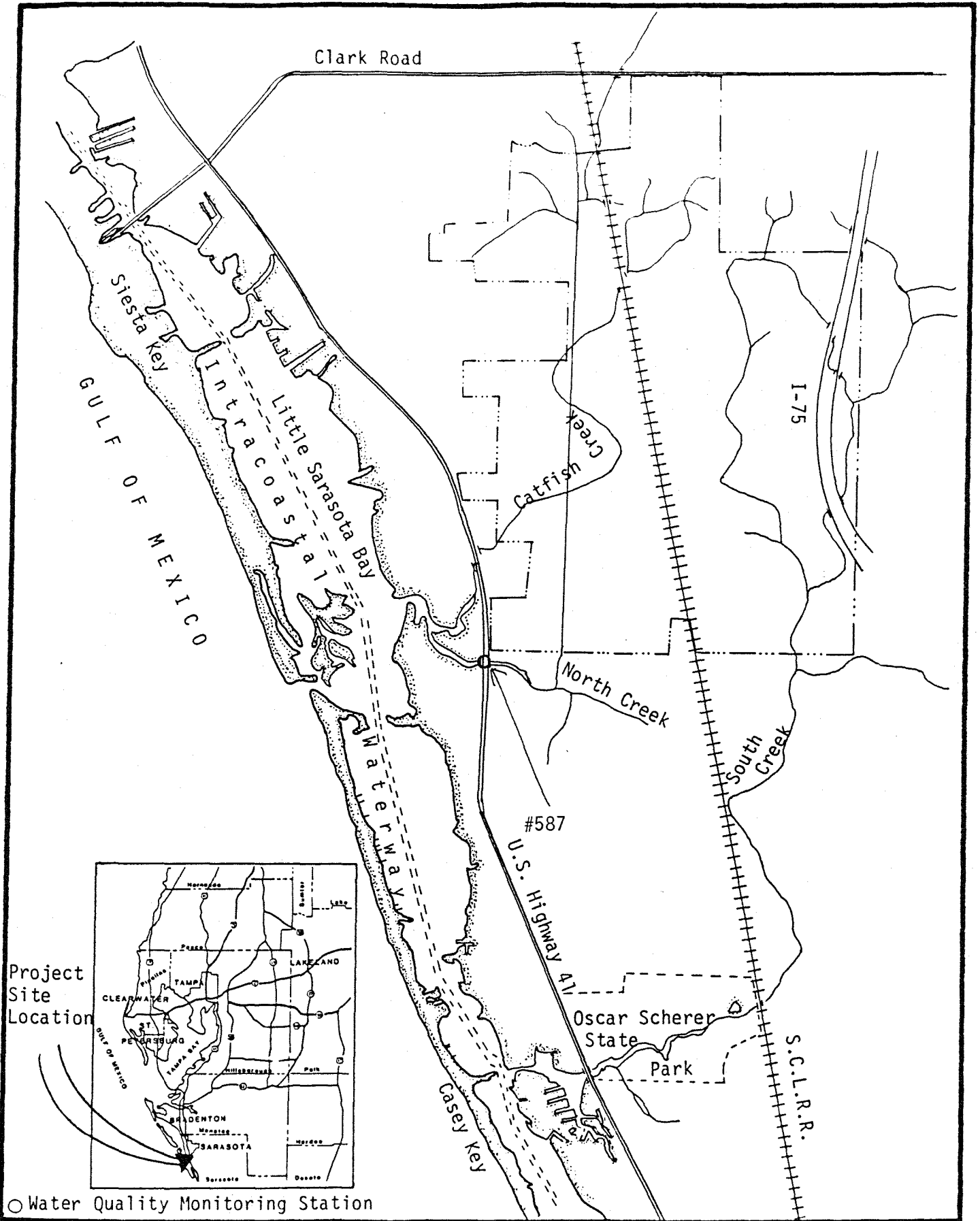
TIME A - GRAB SAMPLE	
1340	
TIME B COMPOSITE SAMPLE	
COMP	DETH
	1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 Catfish Creek at Vamo way Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J	P ORTHO DISS	MG/L	671	0.871
WIND DIR	DEG	36	45	P TOT	MG/L	665	1.092
WIND VEL	MPH	35	5	NO2 N	MG/L	650	0.895
TEMP WATER	°C	10	27.0	(NO2+NO3)-N	MG/L	630	1.341
D.O.	MG/L	299	*** 3.3	NH3 N	MG/L	608	0.020
COND	µMHO/CM	94	6500	ORGANIC N	MG/L	605	2.186
3 FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	2.206
SALINITY	PPTH	480	5.0	N TOT	MG/L	600	3.547
pH LAB	STD	403	7.8	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	6938				
TURBIDITY	NTU	76	4.3	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	60				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	n.a.				
FECAL MF	#/100ML	31616	*** 2300 J				
FEC STREP MF	#/100ML	31679	800 J	Residue Fil- terable (TDS)	MG/L	70300	
FLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>M. S. S.</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. S. S.</i>				() CHANGE			
4/1/85				DATE SUBMITTED			

EXHIBIT K

Results of
Surface Water Quality Monitoring
in North Creek (Sarasota County -
Environmental Services Department, 1985)
During the Period of 1980 - 1985



SAMPLING SITE LOCATION IN LOWER NORTH CREEK

Station #587



Pollution Control Division
1301 Cattlemen Rd.
Sarasota, FL 33582

WATER QUALITY REPORT FORM

LAB # 42

TIME A - GRAB SAMPLE

0845

TIME B COMPOSITE SAMPLE

COMP

BEOM

END

DEPTH

1.0 ft

REMARKS

LOCATION

Stream Run #5

North Creek Bridge at US 41 North of
Osprey

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2 ✓	P ORTHO DISS	MG/L	671	0.054 ✓
WIND DIR	DEG	36	-	P TOT	MG/L	665	NA
WIND VEL	MPH	35	-	NO ₂ N	MG/L	615	0.000 ✓
TEMP WATER	°C	10	18.0 ✓	(NO ₂ +NO ₃)-N	MG/L	630	0.000 ✓
D.O.	MG/L	299	*** 4.8 ✓	NH ₃ N	MG/L	608	0.040 ✓
TND	µMHO/CM	94	34000 ✓	ORGANIC N	MG/L	605	1.267 ✓
PH FIELD	STD	400	7.8 ✓	N KJEL (TKN)	MG/L	625	1.307 ✓
REDOX (EH)	MV	90	430 ✓	N TOT	MG/L	600	1.307 ✓
PH LAB	STD	403	7.75 ✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	21000 ✓				
CLARITY	FTU	76	3.4 ✓	Residue Non-Filterable (TSS)	MG/L	530	
COLOR	PtCo	80	70 ✓				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable	MG/L	535	
BOD	MG/L	310		(Total Suspended Volatile Solids)			
COD	MG/L	335					
				Residue, Fixed Non-Filterable			
COLI MF	#/100ML	31501	2200 ✓	(Total Suspended Fixed Solids)			
FECAL MF	#/100ML	31616	550 ✓				
FEC. STREP MF	#/100ML	31679	610 ✓	Residue Filterable(TDS)	MG/L	70300	
Chlorine Residue	MG/L	50060		AGENCY	STD	27	8074

SAMPLE TAKEN BY: Maloney/Helton

REPORT VERIFIED BY: J. Gentry

REPORT PREPARED BY

Date

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 111

AGENCY SARA C	STATION 24.01.0587	DATE 3/18/80
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TIME A - GRAB SAMPLE 0850	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH 1.0 ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION <u>Stream Run #5</u> North Creek at US 41 Bridge north of Osprey.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	200✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	24✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	***3.8✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	31000✓	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.4✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	-	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	2.8✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	80✓				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	***3400✓				
FECAL MF	#/100ML	31616	410✓				
FEC STREP MF	#/100ML	31679	30*✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	50060		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. L...</i>			
REPORT PREPARED BY: <i>caw</i>				() CHANGE			
3-24-80				DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 145

AGENCY SARA C	STATION 24.01.0587	DATE 4/15/80	TIME A - GRAB SAMPLE 0840	DEPTH 1.0 ft.
			TIME B COMPOSITE SAMPLE	
			COMP	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5			
*Estimated count.				North Creek at US 41 Bridge, North of Osprey.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	300✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	20✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 3.7✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.8✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	180✓	N TOT	MG/L	600	
pH LAB	STD	403	-	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	33000✓				
TURBIDITY	NTU	76	2.6✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	50✓				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
				Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	1000*✓				
FECAI MF	#/100ML	31616	190*✓				
FEC STREP MF	#/100ML	31679	100*✓	Residue Fil-terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	50060		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>[Signature]</i>			
REPORT PREPARED BY: caw				() CHANGE DATE SUBMITTED			

4-23-80

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 175

TIME A - GRAB SAMPLE	
0945	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

AGENCY	STATION	DATE
SARA C	24.01.0587	5/5/80

DEPTH
1.0 ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count..				LOCATION Stream Run #5 North Creek at US 41 Bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043		P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	330✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	26✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	-	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.64✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	38500✓				
TURBIDITY	NTU	76	2.8✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	60✓				
D.O. LAB	MG/L	300	*** 3.5✓	Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
				Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	1300*✓				
FECAL MF	#/100ML	31616	<10*✓				
FEC STREP MF	#/100ML	31679	<10*✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	50060		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Sun			
REPORT PREPARED BY: caw				DATE SUBMITTED			
5-8-80				() CHANGE			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 254

AGENCY	STATION	DATE
SARA C	24.01.0587	6/30/80

TIME A - GRAB SAMPLE	
0915	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0 ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRIS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #5			
				North Creek at US 41 Bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	1	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	32	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	-	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.64	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	42000				
TURBIDITY	NTU	76	3.9	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	60				
D.O. LAB	MG/L	299	***2.2	Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	300*				
FECAL MF	#/100ML	31616	<10*				
FEC STREP MF	#/100ML	31679	<10*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Guss			
REPORT PREPARED BY: caw				() CHANGE			
7-2-80				DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 281

AGENCY SARA C	STATION 24.01.0587	DATE 7/28/80
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TIME A - GRAB SAMPLE 0950	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN END

DEPTH
1.0 ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION Stream Run #5 North Creek at US 41 Bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	1	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	225	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	31.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	-	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.64	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	38000				
TURBIDITY	NTU	76	2.8	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	60				
D.O. LAB	MG/L	300	***2.7	Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	300*				
FECAL MF	#/100ML	31616	20*				
FEC STREP MF	#/100ML	31679	150*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>[Signature]</i>			
REPORT PREPARED BY: caw 7-31-80				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 330

AGENCY	STATION	DATE
SARA C	24.01.0587	9/8/80

TIME A - GRAB SAMPLE	
0930	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
.5 m

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #5			
				North Creek at US 41 Bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2 ✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0 ✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	32.4 ✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 1.9 ✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	36500 ✓	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.0 ✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	129 ✓	N TOT	MG/L	600	
pH LAB	STD	403	-	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	4.7 ✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	70 ✓				
D.O. LAB	MG/L			Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	800* ✓				
FECAL MF	#/100ML	31616	60* ✓				
FEC STREP MF	#/100ML	31679	<10* ✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. Guen</i>			
REPORT PREPARED BY: caw				DATE SUBMITTED			
9-11-80				() CHANGE			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 375

AGENCY SARA C	STATION 24.01.0587	DATE 10/13/80
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TIME A - GRAB SAMPLE 1140	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.5 Ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION <u>Stream Run #1</u> North Creek at US 41 Bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓	P ORTHO DISS	MG/L	671	0.162✓
WIND DIR	DEG	36	25✓	P TOT	MG/L	665	0.936✓
WIND VEL	MPH	35	3✓	NO2 N	MG/L	615	0.000✓
TEMP WATER	°C	10	25✓	(NO2+NO3)-N	MG/L	630	0.000✓
D.O.	MG/L	299	***2.1✓	NH3 N	MG/L	608	0.040✓
COND	µMHO/CM	94	46000✓	ORGANIC N	MG/L	605	2.040✓
pH FIELD	STD	400	7.3✓	N KJEL (TKN)	MG/L	625	2.128✓
REDOX (EH)	MV	90	240✓	N TOT	MG/L	600	2.128✓
pH LAB	STD	403	7.66✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	2.0✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	40✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	***5100✓				
FECAL MF	#/100ML	31616	50*✓				
FEC STREP MF	#/100ML	31679	10*✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. Brun</i>			
REPORT PREPARED BY: caw 10-27-80				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 439

AGENCY	STATION	DATE
SARA C	24.01.0587	12/15/80

TIME A - GRAB SAMPLE	
1145	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.5 Ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #1			
				North Creek at US 41 Bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	45✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	-	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 4.0✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	40900✓	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.2✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	144✓	N TOT	MG/L	600	
pH LAB	STD	403	-	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	34000✓				
TURBIDITY	NTU	76	2.5✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	30✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	100*✓				
FECAL MF	#/100ML	31616	30*✓				
FEC STREP MF	#/100ML	31679	K10✓	Residue Fil-terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Swan			
REPORT PREPARED BY: caw				DATE SUBMITTED: 12-17-80			
				() CHANGE			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 17

TIME A - GRAB SAMPLE	
1215	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

AGENCY	STATION	DATE
SARA C	24.01.0587	1/19/81

DEPTH
1.5 Ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #1			
				North Creek at US 41 bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	1	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	10	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	13	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	-	NH3 N	MG/L	608	
COND	µMHO/CM	94	42000	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.92	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	1.2	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	30				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	200*				
FECAL MF	#/100ML	31616	30*				
FEC STREB MF	#/100ML	31679	<10*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Egan			
REPORT PREPARED BY: CAW 1-22-81				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 40

TIME A - GRAB SAMPLE	
1150	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.5 Ft.

AGENCY	STATION	DATE
SARA C	24.01.0587	2/2/81

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #1			
North Creek at US 41 bridge.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2 ✓	P ORTHO DISS	MG/L	671	0.060 ✓
WIND DIR	DEG	36	320 ✓	P TOT	MG/L	665	0.149 ✓
WIND VEL	MPH	35	15 ✓	NO2 N	MG/L	615	0.000 ✓
TEMP WATER	°C	10	19.8 ✓	(NO2+NO3)-N	MG/L	630	0.020 ✓
D.O.	MG/L	299	***3.9 ✓	NH3 N	MG/L	608	0.101 ✓
COND	µMHO/CM	94	40800 ✓	ORGANIC N	MG/L	605	1.279 ✓
pH FIELD	STD	400	7.1 ✓	N KJEL (TKN)	MG/L	625	1.380 ✓
REDOX (EH)	MV	90	175 ✓	N TOT	MG/L	600	1.400 ✓
pH LAB	STD	403	7.83 ✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	36000 ✓				
TURBIDITY	NTU	76	1.8 ✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	30 ✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	***3300 ✓				
FECAL MF	#/100ML	31616	***940* ✓				
FEC STREP MF	#/100ML	31679	330* ✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Sun			
REPORT PREPARED BY: caw				DATE SUBMITTED			
J-12-81				() CHANGE			

~~Pollution~~ Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 75

AGENCY SARA C	STATION 24.01.0587	DATE 3/2/81	TIME A - GRAB SAMPLE 1220	DEPTH 1.5 Ft.
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS ** D.O. not adjusted for Conductivity *Estimated count.				LOCATION <u>Stream Run #1</u> North Creek at US 41 bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	1 ✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	200 ✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3 ✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	23.5 ✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	-	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.82 ✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	1.6 ✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	60 ✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	1100* ✓				
FECAL MF	#/100ML	31616	470 ✓				
FEC STREP MF	#/100ML	31679	10 ✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. Sun</i>			
REPORT PREPARED BY: caw 3-5-81				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 118

TIME A - GRAB SAMPLE	
1110	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

AGENCY	STATION	DATE
SARA C	24.01.0587	4/6/81

DEPTH
1.5 Ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #1</u>			
*Estimated count.				North Creek at US 41 bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	30✓	P TOT	MG/L	665	
WIND VEL	MPH	35	10✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	25.5✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	300	***2.2✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
PH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
PH LAB	STD	403	7.71✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	37,000✓				
TURBIDITY	NTU	76	4.4✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	50✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	640*✓				
FECAL MF	#/100ML	31616	20*✓				
FEC STREB MF	#/100ML	31679	<10✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. L. L...			
REPORT PREPARED BY: caw 4-10-81				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 169

AGENCY SARA C	STATION 24.01.0587	DATE 5/11/81
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TIME A - GRAB SAMPLE 1140	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.5 Ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRs Certified, Lab ID. #44037

REMARKS *Sensitivity in this range is poor. *Estimated count.				LOCATION Stream Run #1 North Creek at US 41 bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	270✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	29✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	300	*** 4.3✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.59✓	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	* 43000✓				
TURBIDITY	NTU	76	3.9✓	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	40✓				
D.O. LAB	MG/L	299		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)	-		
COLI MF	#/100ML	31501	<100*✓				
FECAL MF	#/100ML	31616	<10*✓				
FEC STREP MF	#/100ML	31679	36*✓	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>[Signature]</i>			
REPORT PREPARED BY: caw 5-18-81				() CHANGE DATE SUBMITTED			

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM

LAB# 214

AGENCY SARA C	STATION 24.01.0587	DATE 6/15/81	TIME A - GRAB SAMPLE 1125	DEPTH 1.5 Ft.
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #1 North Creek at US 41 bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	0.220 ✓
WIND DIR	DEG	36	90 ✓	P TOT	MG/L	665	0.373 ✓
WIND VEL	MPH	35	3 ✓	NO ₂ N	MG/L	615	0.000 ✓
TEMP WATER	°C	10	29.5 ✓	(NO ₂ +NO ₃)-N	MG/L	630	0.000 ✓
D.O.	MG/L	299	*** 2.4 ✓	NH ₃ N	MG/L	608	0.030 ✓
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	1.291 ✓
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.321 ✓
REDOX	MV	90	340 ✓	N TOT	MG/L	600	1.321 ✓
pH LAB	STD	403	7.73 ✓	FLUORIDES DIS	MG/L	950	0.97 ✓
COND LAB	µMHO/CM	95	47500 ✓				
TURBIDITY	NTU	76	4.3 ✓	CHL - A	MG/L	32230	
COLOR	PtCo	80	40 ✓	CHL - B	MG/L	32231	
D.O. LAB	MG/L	299		CHL - C	MG/L	32232	
BOD	MG/L	310		CHL TOT (A+B+C)	MG/L	32234	
COD	MG/L	335		PHEO - A	µg/l	32218	
Transparency (Secchi Disk)	Meters	00078		PHEO RATIO (OD 663) a/b	µg/l	32219	
COLI MF	#/100 ML	31501	100* ✓				
FECAL MF	#/100 ML	31616	<10* ✓				
FEC STREP MF	#/100 ML	31679	300 ✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Guen			
REPORT PREPARED BY: caw 6-26-81				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 239

TIME A - GRAB SAMPLE	
1050	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

AGENCY	STATION	DATE
SARA C	24.01.0587	6/30/81

DEPTH
1.5 Ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #1</u>			
*Estimated count.				North Creek and US 41 bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2 ✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90 ✓	P TOT	MG/L	665	
WIND VEL	MPH	35	10 ✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	27.2 ✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L		*** 2.5	NH3 N	MG/L	608	
COND	µMHO/CM	94	50900	ORGANIC N	MG/L	605	
pH FIELD	STD	400	700 ✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	102 ✓	N TOT	MG/L	600	
pH LAB	STD	403	-	FLUORIDES DISSOLVED	MG/L	950	0.99 ✓
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	3.4 ✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	40 ✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	1000* ✓				
FECAL MF	#/100ML	31616	730* ✓				
FEC STREB MF	#/100ML	31679	160* ✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. Gunn</i>			
REPORT PREPARED BY: <i>cav</i> 7-6-81				() CHANGE DATE SUBMITTED			

Sarasota County
Pollution Control Department

WATER QUALITY REPORT FORM Lab# 278

AGENCY SARA C	STATION 24.01.0587	DATE 8/3/81
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TIME A - GRAB SAMPLE 1000	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.5 Ft.

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS Chlorophyll absorbance not in linear range *Estimated Count				LOCATION Stream Run #1 North Creek at US 41 Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043		P ORTHO DISS	MG/L	671	0.220
WIND DIR	DEG	36	160	P TOT	MG/L	665	0.326
WIND VEL	MPH	35	3	NO ₂ N	MG/L	615	0.010
TEMP WATER	°C	10	27.5	(NO ₂ +NO ₃)-N	MG/L	630	0.000
D.O.	MG/L	299	3.1 3.1	NH ₃ N	MG/L	608	0.185
COND	µMHO/CM	94	48000	ORGANIC N	MG/L	605	0.582
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	0.767
REDOX	MV	90	-	N TOT	MG/L	600	0.767
pH LAB	STD	403	7.57	FLUORIDES DIS	MG/L	950	0.90
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	3.2	CHL-A CORR	µg/l	32211	6.68
COLOR	PtCo	80	40	PHEO - A	µg/l	32218	3.92
D.O. LAB	MG/L	299		CHL - A	µg/l	32210	8.43
BOD	MG/L	310		CHL - B	µg/l	32212	5.78
COD	MG/L	335		CHL - C	µg/l	32214	14.95
Transparency (Secchi disk)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	29.16
COLI MF	#/100 ML	31501	200*	PHEO RATIO (OD 663) b/a		32219	1.44
FECAL MF	#/100 ML	31616	20*				
FEC STREP MF	#/100 ML	31679	2000	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>[Signature]</i>			
REPORT PREPARED BY:				() CHANGE			
8-14-81				DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 319

AGENCY	STATION	DATE
SARA C	24.01.0587	8/31/81

TIME A - GRAB SAMPLE	
1115	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0 Ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #1 North Creek and US 41 bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2 ✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90 ✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3 ✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	27.0 ✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	300	***2.1 ✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.16 ✓	FLUORIDES DISSOLVED	MG/L	950	0.49 ✓
COND LAB	µMHO/CM	95	2100 ✓				
TURBIDITY	NTU	76	2.5 ✓	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	225 ✓				
D.O. LAB	MG/L	299		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	100* ✓				
FECAL MF	#/100ML	31616	36* ✓				
FEC STREP MF	#/100ML	31679	240 ✓	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. L. Lunn			
REPORT PREPARED BY: caw 9-4-81				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 375

AGENCY	STATION	DATE
SARA C	24.01.0587	10/5/81

TIME A - GRAB SAMPLE 0845	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.5 Ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #1</u>			
*Estimated count.				North Creek at US 41 bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	27.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	300	*** 3.0	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.9	FLUORIDES DISSOLVED	MG/L	950	0.73
COND LAB	µMHO/CM	95	32,800				
TURBIDITY	NTU	76	2.0	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	100				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	360*				
FECAL MF	#/100ML	31616	50*				
FEC STREP MF	#/100ML	31679	650*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>[Signature]</i>			
REPORT PREPARED BY: caw 10/10/81				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 419

AGENCY SARA C	STATION 24.01.0587	DATE 11/9/81
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TIME A - GRAB SAMPLE 1110		DEPTH 1.5 Ft.
TIME B - COMPOSITE SAMPLE		
COMP	BEGIN	
	END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION <u>Stream Run #1</u> North Creek at US 41 bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	45	P TOT	MG/L	665	
WIND VEL	MPH	35	5	NO2 N	MG/L	615	
TEMP WATER	°C	10	23.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L		6.4	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	8.0	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	38400				
TURBIDITY	NTU	76	2.8	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	25				
D.O. LAB	MG/L	299		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)	-		
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	<10*				
FEC STREP MF	#/100ML	31679	2900	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. Burn</i>			
REPORT PREPARED BY: caw 11/16/81				() CHANGE DATE SUBMITTED			

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM

Lab# 3

AGENCY	STATION	DATE
ARA C	#587	1-5-82

TIME A - GRAB SAMPLE	
1250	
TIME B - COMPOSITE SAMPLE	
COMP	FROM
	END

DEPTH
1.5

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS * Estimated count
CHL. determined in
non-linear range

LOCATION Stream run #1
North Creek at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.083
WIND DIR	DEG	36	10	P TOT	MG/L	665	0.235
WIND VEL	MPH	35	15	NO ₂ N	MG/L	615	<0.020
TEMP WATER	°C	10	17.0	(NO ₂ +NO ₃)-N	MG/L	630 620	<0.020
D.O.	MG/L	300	*** 4.3	NH ₃ N	MG/L	608 618	<0.020
COND	µMHO/CM	94	—	ORGANIC N	MG/L	605	1.605
FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	1.605
REDOX	MV	90	—	N TOT	MG/L	600	1.605
pH LAB	STD	403	7.7	FLUORIDES DIS	MG/L	950	1.14
COND LAB	µMHO/CM	95	29900				
TURBIDITY	NTU	76	3.5	CHL-A CORR	µg/l	32211	2.40
COLOR	PtCo	80	25	PHEO - A	µg/l	32218	1.52
D.O. LAB	MG/L	299		CHL - A	µg/l	32210	3.30
BOD	MG/L	310		CHL - B	µg/l	32212	0.92
COD	MG/L	335		CHL - C	µg/l	32214	0.26
Transparency (Secchi)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	4.48
COLI MF	#/100 ML	31501	300 *	PHEO RATIO (OD 663) b/a		32219	1.43
FECAL MF	#/100 ML	31616	160 *				
FEC STREP MF	#/100 ML	31679	420	ResidueNon- filterable (TSS)	MG/L	530	
LORINE SIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY: <i>JB</i>			
REPORT PREPARED BY:				() CHANGE			
1/25/82				DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 76

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#587	3-8-82	1140	1.0
			TIME B - COMPOSITE SAMPLE	
			COMP	BEGIN
				END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS <i>*Estimated count</i>				LOCATION <i>Stream Run #1</i> <i>North Creek at US 41 Bridge</i>			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	45	P TOT	MG/L	665	
WIND VEL	MPH	35	10	NO2 N	MG/L	615	
TEMP WATER	°C	10	17.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	300	6.3	NH3 N	MG/L	608	
COND	µMHO/CM	94	19000	ORGANIC N	MG/L	605	
pH FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	
SALINITY	BPTH	480	11.5	N TOT	MG/L	600	
pH LAB	STD	403	7.4	FLUORIDES DISSOLVED	MG/L	950	0.62
COND LAB	µMHO/CM	95					
TURBIDITY	NTU	76	2.7	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	70				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	730*				
FECAL MF	#/100ML	31616	280				
EC STREB MF	#/100ML	31679	970*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY: <i>J. Evers</i>			
REPORT PREPARED BY:							

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 111+113

AGENCY SARA C	STATION #587	DATE 4-5-82	TIME A - GRAB SAMPLE 0940	DEPTH 1.0
			TIME B COMPOSITE SAMPLE	
			BEGIN	
			END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS turbidity screen⁴⁰ upstream & 100' downstream - heavy digging in creek
Bact grab - 4/6/82 - 1025 - Lab #113
* Estimated count

LOCATION Stream Run #1
North Creek at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.141
WIND DIR	DEG	36	90	P TOT	MG/L	665	0.197
WIND VEL	MPH	35	5	NO2 N	MG/L	615	<0.020
TEMP WATER	°C	10	22.0	(NO2+NO3)-N	MG/L	630	<0.020
D.O.	MG/L	300	*** 4.5	NH3 N	MG/L	608	0.031
COND	µMHO/CM	94	17600	ORGANIC N	MG/L	605	1.239
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.270
SALINITY	PPTH	480	12.0	N TOT	MG/L	600	1.270
pH LAB	STD	403	7.7	FLUORIDES DISSOLVED	MG/L	950	0.63
COND LAB	µMHO/CM	95					
TURBIDITY	NTU	76	3.2	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	80				
D.O. LAB	MG/L	299		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	800 *				
FECAL MF	#/100ML	31616	140 *				
3C STREB MF	#/100ML	31679	3600	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY:

REPORT VERIFIED BY: J. Dunn

11/2/82 CHANGE

DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 152

PROJECT	STATION	DATE
SARA C	#587	5-3-82

TIME & DATE SAMPLE	
1110	
TIME & DATE COMPOSITE SAMPLE	
COMP	IND
	1.5

EPA/ DER Approved, Lab ID. #FL035/EL036
DHHS Certified, Lab ID. #44037

REMARKS				LOCATION Stream NW #1 North Creek & US 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	W	P ORTPO DISS	MG/L	671	
WIND DIR	DEG	36	45	P TOT	MG/L	665	
WIND VEL	MPH	35	10	NO2 N	MG/L	615	
TEMP WATER	°C	10	24.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	300	—	NH3 N	MG/L	608	
COND	UMBO/CM	94	12500	ORGANIC N	MG/L	605	
FIELD	STD	400	—	N KJEL (TRN)	MG/L	625	
SALINITY	PPTH	480	7.0	N TOT	MG/L	600	
PE LAB	STD	403	7.9	FLUORIDES DISSOLVED	MG/L	950	0.67
COND LAB	UMBO/CM	95					
TURBIDITY	NTU	76	3.9	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	80				
D.O. LAB	MG/L	299		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSPS)			
COLI MF	#/100ML	31501	200*				
FECAL MF	#/100ML	31616	30*				
FPC STEEP MF	#/100ML	31679	1200*	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY: <u>J. Dwyer</u>			
REPORT PREPARED BY: <u>czw</u>				DATE SUBMITTED: <u>5/6/82</u>			

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM

Lab# 241

AGENCY	STATION	DATE
SARA C	#587	7-7-82

TIME A - GRAB SAMPLE	
1310	
TIME B - COMPOSITE SAMPLE	
COMP	FROM
	END

DEPTH
1.0

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream run #1</u> <u>North creek at US 41 Bridge</u>			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	180	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO ₂ N	MG/L	615	
TEMP WATER	°C	10	21.0	(NO ₂ +NO ₃)-N	MG/L	630	
D.O.	MG/L	300	6.8	NH ₃ N	MG/L	608	
COND	µMHO/CM	94	1400	ORGANIC N	MG/L	605	
pH FIELD	STD	400	—	N-KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	8.0	N TOT	MG/L	600	
pH LAB	STD	403	8.0	FLUORIDES DIS	MG/L	950	0.56
COND LAB	µMHO/CM	95	1130				
TURBIDITY	NTU	76	5.1	CHL-A CORR	µg/l	32211	
COLOR	PtCo	80	120	PHEO - A	µg/l	32218	
D.O. LAB	MG/L	299		CHL - A	µg/l	32210	
BOD	MG/L	310		CHL - B	µg/l	32212	
COD	MG/L	335		CHL - C	µg/l	32214	
Transparency (Secchi)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	
COLI MF	#/100 ML	31501	200 *	PHEO RATIO (OD 663) b/a		32219	
FECAL MF	#/100 ML	31616	40 *				
FEC STREP MF	#/100 ML	31679	2100	Residue Non-Filtrable (TSS)	MG/L	530	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY: <u>J. L. L...</u>			
REPORT PREPARED BY:				() CHANGE			
7/12/82				DATE SUBMITTED			

Pollution Control Division
 Sarsota County Pollution Control Laboratory
 WATER QUALITY REPORT FORM Lab # 309

AGENCY SARA C	STATION #587	DATE 8-24-82
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TIME A - GRAB SAMPLE 1045		DEPTH 1.0
TIME B - COMPOSITE SAMPLE		
COMP	BEGIN END	

EPA/ DER Approved, Lab ID. #FL035/EL036
 DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #1 - North Cree</u> <u>4 us 41 Bridge</u>			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR.	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	27.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** (3.7)	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
PH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	7.6	FLUORIDES DISSOLVED	MG/L	950	0.29
COND LAB	µMHO/CM	95	1210				
TURBIDITY	NTU	76	1.8	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	200				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	700*				
FECAL MF	#/100ML	31616	140*				
FEC STREP MF	#/100ML	31679	180*	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Mahoney, Mick</u>				REPORT VERIFIED BY: <u>J. L...</u>			
REPORT PREPARED BY: <u>caw</u>				DATE SUBMITTED: <u>8/21/82</u>			

() CHANGE

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 328

AGENCY	STATION	DATE
SARA C	#587	9-20-82

TIME A - GRAB SAMPLE	
1205	
TIME B - COMPOSITE SAMPLE	
COMP	IND

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DURS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 North Creek & US 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	30.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** (2.8)	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
PL FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
PH LAB	STD	403	7.7	FLUORIDES DISSOLVED	MG/L	950	0.72
COND LAB	µMHO/CM	95	25100				
TURBIDITY	NTU	76	30	TOTAL RESIDUE NON-FILTERABLE (TSS)	MG/L	530	
COLOR	PtCo	80	120				
D.O. LAB	MG/L	300		Residue Volatile NON- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)	MG/L	540	
(.1 MF	#/100ML	31501	-				
FECAL MF	#/100ML	31616	80*				
FEC STREB MF	#/100ML	31679	2300	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	::		AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY: <u>J. Sun</u>			
REPORT PREPARED BY: <u>Maloney</u>				DATE SUBMITTED: <u>9/29/82</u>			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 383

VCT	STATION	DATE
SARA C	587	10/25/82

TIME A - GRAB SAMPLE	
11:50	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #1 North Creek at US 41 Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	out	P ORTHO DISS	MG/L	671	
WIND DIR.	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	20.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	7.0	NH3 N	MG/L	608	
COND	µMHO/CM	94	18,500	ORGANIC N	MG/L	605	
PH FIELD	STD	400		N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	2.50	N TOT	MG/L	600	
PH LAB	STD	403	7.6	FLUORIDES DISSOLVED	MG/L	950 ^b	0.45
COND LAB	µMHO/CM	95	4010				
TURBIDITY	NTU	76	3.5	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	70				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	550*				
FECAL MF	#/100ML	31616	160*				
TOTAL STREP MF	#/100ML	31679	1300*	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

ANALYZED BY: WLEPORD/HICK

REPORT VERIFIED BY: J. Guen

DATE RECEIVED BY:

caw

11/1/82

() CHANGE

DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 425

VCY	STATION	DATE
ARA C	#587	11-30-82

TIME A - GRAB SAMPLE	
1115	
TIME B COMPOSITE SAMPLE	
COMP	STAIN
	END

DEPTH
1.5'

EPA/ DER Approved, Lab ID. #FL035/EL036
RS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 North Creek at US 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	27.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	5.3	NH3 N	MG/L	608	
COND	µMHO/CM	94	43000	ORGANIC N	MG/L	605	
PH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	27.0	N TOT	MG/L	600	
PH LAB	STD	403	7.4	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	23770				
TURBIDITY	NTU	76	3.0	TOTAL RESIDUE NON-FILTERABLE (TSS)	MG/L	530	
COLOR	PtCo	80	90				
D.O. LAB	MG/L	300		Residue Volatile NON- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)	MG/L	540	
COLI MF	#/100ML	31501	1900 *				
FECAL MF	#/100ML	31616	280				
STREPT MF	#/100ML	31679	500 *	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY: <u>J. Gunn</u>			
REPORT PREPARED BY: <u>caw</u>				DATE SUBMITTED: <u>12/8/82</u>			

() CHANGE

DATE SUBMITTED

Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 1

AGENCY S C A C	STATION #587	DATE 1-10-83	TIME A - GRAB SAMPLE 1245	DEPTH 1.0
EPA/ DER Approved, Lab ID. #FL035/EL036 PORS Certified, Lab ID. #44037			TIME B - COMPOSITE SAMPLE	
			COMP	IND

REMARKS *bact. sample broken.*LOCATION *Stream Run #1
North Creek at US 41 Bridge*

*Estimated count.

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUTV	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90 ✓	P TOT	MG/L	665	
WIND VEL	MPH	35	5 ✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	23.0 ✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	10.6 ✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	41700 ✓ 40000	ORGANIC N	MG/L	605	
L FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	27.5 ✓	N TOT	MG/L	600	
pH LAB	STD	403	7.4 ✓	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	31500 ✓				
TURBIDITY	NTU	76	2.7 ✓	TOTAL RESIDUE NON-FILTERABLE (TSS)	MG/L	530	
COLOR	PtCo	80	110 ✓				
D.O. LAB	MG/L	300		Residue Volatile NON- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)	MG/L	540	
LI MF	#/100ML	31501	—				
FECAL MF	#/100ML	31616	—				
F STREB MF	#/100ML	31679	—	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: *Maloney*REPORT VERIFIED BY: *J. Lunn*REPORT PREPARED BY: *caw*

1/17/83

() CHANGE

DATE SUBMITTED

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM

Lab# 34

AGENCY SARA C	STATION #587	DATE 2-8-83	TIME A - GRAB SAMPLE 1050	DEPTH 1.0
			TIME B COMPOSITE SAMPLE	
			COMP	BEGIN
				END

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION Stream run #1 North Creek & US 41 Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.020
WIND DIR	DEG	36	30	P TOT	MG/L	665	0.080
WIND VEL	MPH	35	5	NO ₂ N	MG/L	615	<0.020
TEMP WATER	°C	10	18.0	(NO ₂ +NO ₃)-N	MG/L	630	<0.020
D.O..	MG/L	300	8.0	NH ₃ N	MG/L	608	0.062
COND	µMHO/CM	94	20930	ORGANIC N	MG/L	605	1.262
PH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.324
SALINITY	PPTH	480	13.0	N TOT	MG/L	600	1.324
pH LAB	STD	403	7.77	FLUORIDES DIS	MG/L	950	
COND LAB	µMHO/CM	95	10362				
TURBIDITY	NTU	76	7.0	CHL-A CORR	µg/l	32211	
COLOR	PtCo	80	80	PHEO - A	µg/l	32218	
D.O. LAB	MG/L	299		CHL - A	µg/l	32210	
BOD	MG/L	310		CHL - B	µg/l	32212	
COD	MG/L	335		CHL - C	µg/l	32214	
Transparency (Secchi)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	
COLI MF	#/100 ML	31501		PHEO RATIO (OD 663) b/a		32219	
FECAL MF	#/100 ML	31616					
FEC STREP MF	#/100 ML	31679		Residue Non-Filtrable (TSS)	MG/L	530	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY: <u>Heun</u>			
REPORT PREPARED BY:				() CHANGE			
2/16/83				DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 127

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH 1.0
SARA C	#587	3-28-83	1125	
			TIME B - COMPOSITE SAMPLE	
			COMP	BEGIN
				END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 North Creek at US 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.060
WIND DIR	DEG	36	340	P TOT	MG/L	665	0.172
WIND VEL	MPH	35	3	NO2 N	MG/L	615	<0.020
TEMP WATER	°C	10	18.5	(NO2+NO3)-N	MG/L	630	0.029
D.O.	MG/L	299	*** 7.5	NH3 N	MG/L	608	<0.020
COND	µMHO/CM	94	690	ORGANIC N	MG/L	605	0.939
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	0.939
SALINITY	PPTH	480	0.0	N TOT	MG/L	600	0.968
pH LAB	STD	403	7.4	FLUORIDES DISSOLVED	MG/L	950	0.24
COND LAB	µMHO/CM	95	582				
TURBIDITY	NTU	76	8.5	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	160				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<1000 *				
FECAL MF	#/100ML	31616	*** 830 *				
FEC STREP MF	#/100ML	31679	360	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>McLoney</u>				REPORT VERIFIED BY: <u>J. Lunn</u>			
REPORT PREPARED BY: <u>caw</u>				DATE SUBMITTED: <u>4/5/83</u>			
				() CHANGE			

Minnesota Department of Natural Resources
Minnesota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 192

AGENCY EPA C	STATION 24 01 6587	DATE 4-25-83	TIME & DEPTH SAMPLE 1155	DEPTH 1.0
			TIME & COMPOSITE SAMPLE	
			COMP	DETH
			END	

EPA/ DEP Approved, Lab ID. #FL035/EL036
DEHS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 North Creek & us 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTED DISS	MG/L	671	0.056
WIND DIR	DEG	36	45	P TOT	MG/L	665	0.254
WIND VEL	MPH	35	5	NO2 N	MG/L	615	<0.020
TEMP WATER	°C	10	22.5	(NO2+NO3)-N	MG/L	630	0.022
D.O.	MG/L	299	8.0	NH3 N	MG/L	608	<0.020
COND	LMHO/CM	94	7370	ORGANIC N	MG/L	605	1.329
H FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.329
SALINITY	PPM	480	4.0	N TOT	MG/L	600	1.351
PH LAB	STD	403	7.8	FLUORIDES DISSOLVED	MG/L	950	0.42
COND LAB	LMHO/CM	95	6482				
TURBIDITY	NTU	76	9.3	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	100				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	30*				
FEC STREB MF	#/100ML	31679	4400	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: M 6-22-83			
REPORT PREPARED BY: Caw 5/2/83				() CHANGE DATE SUBMITTED			

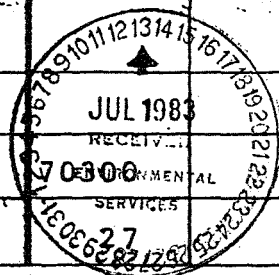
SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 244

AGENCY SARA C	STATION 24-01-0587	DATE 5-31-83	TIME A - GRAB SAMPLE 1230	DEPTH 1.0
			TIME B - COMPOSITE SAMPLE	
			COMP END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 North Creek at US 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.265
WIND DIR	DEG	36	40	P TOT	MG/L	665	0.594
WIND VEL	MPH	35	5	NO2 N	MG/L	615	< 0.020
TEMP WATER	°C	10	28.0	(NO2+NO3)-N	MG/L	630	< 0.020
D.O.	MG/L	299	3.6	NH3 N	MG/L	608	< 0.020
COND	µMHO/CM	94	23600	ORGANIC N	MG/L	605	1.240
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.240
SALINITY	PPTH	480	17.5	N TOT	MG/L	600	1.240
pH LAB	STD	403	7.7	FLUORIDES DISSOLVED	MG/L	950	0.73
COND LAB	µMHO/CM	95	31596	SULFATE DISSOLVED	MG/L	946	1792.9
TURBIDITY	NTU	76	6.1	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	60				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	na				
FECAL MF	#/100ML	31616	450				
FEC STREP MF	#/100ML	31679	3500	Residue Fil- terable (TDS)	MG/L		
CHLORINE RESIDUE	MG/L			AGENCY	STD		
SAMPLE TAKEN BY: <i>Melina</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>[Signature]</i>				() CHANGE			
6/6/83				DATE SUBMITTED			



WATER QUALITY REPORT FORM Lab # 312

AGENCY SARA C	STATION 24-01-0587	DATE 7-5-83
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TIME A - DEAR SAMPLE 1100	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH

1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS

*Estimated count.

LOCATION Stream Run #1
North Creek at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	IN	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	30.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	7.7	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
PH LAB	STD	403	8.0	FLUORIDES DISSOLVED	MG/L	950	0.50
COND LAB	µMHO/CM	95	10412				
TURBIDITY	NTU	76	6.3	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	130				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	30*				
FEC STREP	#/100ML	31679	6800	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: *Maloney*

REPORT VERIFIED BY:

REPORT PREPARED BY: *J. L. L.***7/11/83**

() CHANGE

DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 392

AGENCY	STATION	DATE
SARA C	24-01-0587	8-10-83

TIME A - GRAB SAMPLE		DEPTH 1.0
1130		
TIME B - COMPOSITE SAMPLE		
COMP	BEGIN	
	END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 North Creek + US 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	27.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	3.5	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	7.5	FLUORIDES DISSOLVED	MG/L	950	0.25
COND LAB	µMHO/CM	95	968	SULFATE DISSOLVED	MG/L	946	93.5
TURBIDITY	NTU	76	5.1	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	200				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	< 1000 *				
FECAL MF	#/100ML	31616	400 *				
FEC STREP MF	#/100ML	31679	11000 *	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>Shum</i>				() CHANGE			
8/15/83				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 441

AGENCY SARA C	STATION 24-01-0587	DATE 9-6-83
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TIME A - GRAB SAMPLE 1100		DEPTH 1.0
TIME B COMPOSITE SAMPLE		
COMP	BEGIN END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 North Creek at US 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	400043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	120	P TOT	MG/L	665	
WIND VEL	MPH	35	5	NO2 N	MG/L	615	
TEMP WATER	°C	10	27.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	3.4	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	7.3	FLUORIDES DISSOLVED	MG/L	950	0.20
COND LAB	µMHO/CM	95	396	SULFATE DISSOLVED	MG/L	946	49.0
TURBIDITY	NTU	76	8.6	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	220				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<1000*				
FECAL MF	#/100ML	31616	100*				
FEC STREP MF	#/100ML	31679	65000	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>M. Lowe</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. Lefler</i>				() CHANGE			
9/12/83				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 540

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH 1.0
SARA C	24-01-0587	10-21-83	1040	
			TIME B COMPOSITE SAMPLE	
			BEGIN	
			COMP	END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 North Creek & US 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.141
WIND DIR	DEG	36	-	P TOT	MG/L	665	0.244
WIND VEL	MPH	35	0	NO2 N	MG/L	615	<0.020
TEMP WATER	°C	10	-	(NO2+NO3)-N	MG/L	630	0.020
D.O.	MG/L	299	-	NH3 N	MG/L	608	0.051
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	1.428
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.479
SALINITY	PPTH	480	-	N TOT	MG/L	600	1.499
pH LAB	STD	403	7.4	FLUORIDES DISSOLVED	MG/L	950	0.31
COND LAB	µMHO/CM	95	2081				
TURBIDITY	NTU	76	15.9	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	160				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335	47.5				
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<1000 *				
FECAL MF	#/100ML	31616	320				
FEC STREP MF	#/100ML	31679	2100	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Malone</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>John</u>				() CHANGE			
10/31/83				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 590

AGENCY	STATION	DATE
SARA C	24-01-0587	11-21-83

TIME A - GRAB SAMPLE		DEPTH 1.0
1030		
TIME B COMPOSITE SAMPLE		
COMP	BEQIN	
	END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRIS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 North Creek at US 41 Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90	P TOT	MG/L	665	
WIND VEL	MPH	35	5	NO2 N	MG/L	615	
TEMP WATER	°C	10	19.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	6.5	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	7.6	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	4362				
TURBIDITY	NTU	76	14.8	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	130				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	**** 5000*				
FECAL MF	#/100ML	31616	**** 1300*				
FEC STREP MF	#/100ML	31679	2300	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Melrose</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. Sun</u>				() CHANGE			
11/28/83				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 651

AGENCY SARA C	STATION 24-01-0587	DATE 12-21-83
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TIME A - GRAB SAMPLE 1115		DEPTH 1.0
TIME B - COMPOSITE SAMPLE		
COMP	BEGIN END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 North Creek at US 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	10	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	18.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	6.3	NH3 N	MG/L	608	
COND	µMHO/CM	94	600	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	0.0	N TOT	MG/L	600	
pH LAB	STD	403	7.6	FLUORIDES DISSOLVED	MG/L	950	0.31
COND LAB	µMHO/CM	95	686				
TURBIDITY	NTU	76	7.6	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	160				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<1000 *				
FECAL MF	#/100ML	31616	310				
FEC STREP MF	#/100ML	31679		Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Malone</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. Smith</i>				() CHANGE			
12/23/83				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 40

TIME A - GRAB SAMPLE	
1010	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0

AGENCY	STATION	DATE
SARA C	24-01-0587	1-23-84

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS QA Note: TKN Spike recovery average 112.6%; TP Spike recovery *Estimated count. average 82.5%				LOCATION Stream Run #1 North Creek at us 41 Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.071
WIND DIR	DEG	36	90	P TOT	MG/L	665	0.084
WIND VEL	MPH	35	10	NO2 N	MG/L	615	< 0.020
TEMP WATER	°C	10	17.0	(NO2+NO3)-N	MG/L	630	< 0.020
D.O.	MG/L	299	7.6	NH3 N	MG/L	608	0.080
COND	µMHO/CM	94	2250	ORGANIC N	MG/L	605	1.056
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.136
SALINITY	PPTH	480	2.5	N TOT	MG/L	600	1.136
pH LAB	STD	403	7.8	FLUORIDES DISSOLVED	MG/L	950	0.44
COND LAB	µMHO/CM	95	2716				
TURBIDITY	NTU	76	12.7	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	100				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	< 1000 *				
FECAL MF	#/100ML	31616	160 *				
FEC STREP MF	#/100ML	31679	300 *	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>2/2/84</u>				() CHANGE DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 120

AGENCY SARA C	STATION 24-01-0587	DATE 2-27-84
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TIME A - GRAB SAMPLE 1135	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH 1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS QA Note: Average spike recoveries TKN 87.21%; TP 84.38% *Estimated count.				LOCATION Stream Run #1 North Creek at US 41 Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	IN	P ORTHO DISS	MG/L	671	0.111
WIND DIR	DEG	36	140	P TOT	MG/L	665	0.144
WIND VEL	MPH	35	30	NO2 N	MG/L	615	< 0.020
TEMP WATER	°C	10	23.0	(NO2+NO3)-N	MG/L	630	< 0.020
D.O.	MG/L	299	6.2	NH3 N	MG/L	608	0.041
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	1.124
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.165
SALINITY	PPTH	480	-	N TOT	MG/L	600	1.165
pH LAB	STD	403	7.9	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	9200				
TURBIDITY	NTU	76	9.2	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	65				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<1000 *				
FECAL MF	#/100ML	31616	300 *				
FEC STREP MF	#/100ML	31679	900 *	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Mabney</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. Guss</u> 3/5/84				() CHANGE DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 202

AGENCY SARA C	STATION 24-01-0587	DATE 4-2-84	TIME A - GRAB SAMPLE 1050	DEPTH 1.0
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS Q.A Note: TKN Ave Spike recovery 112.8% TP Ave Spike recovery 86.75% *Estimated count.				LOCATION Stream Run #1 North Creek at US 41 Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.102
WIND DIR	DEG	36	90	P TOT	MG/L	665	0.307
WIND VEL	MPH	35	5	NO2 N	MG/L	615	< 0.020
TEMP WATER	°C	10	18.0	(NO2+NO3)-N	MG/L	630	< 0.020
D.O.	MG/L	299	5.9	NH3 N	MG/L	608	0.111
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	1.341
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.452
SALINITY	PPTH	480	-	N TOT	MG/L	600	1.452
pH LAB	STD	403	7.9	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	1920				
TURBIDITY	NTU	76	22.2	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	100				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	< 100 *				
FECAL MF	#/100ML	31616	< 10 *				
FEC STREP MF	#/100ML	31679	200 *	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>[Signature]</u>				() CHANGE			
4/9/84				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 264

AGENCY	STATION	DATE
SARA C	24-01-0587	5-2-84

TIME A - GRAB SAMPLE	
1040	
TIME B COMPOSITE SAMPLE	
COMP	END

DEPTH

1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #1</u> <u>North Creek at U.S. #1 Bridge</u>			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	1N	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	28.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 3.6	NH3 N	MG/L	608	
COND	µMHO/CM	94	12500	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.3	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	7.0	N TOT	MG/L	600	
pH LAB	STD	403	7.7	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	4232				
TURBIDITY	NTU	76	6.6	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	110				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	50*				
FEC STREP MF	#/100ML	31679	400*	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney, Ellison</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. Green</u> 5/14/84				() CHANGE DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 322

AGENCY SARA C	STATION 24-01-0587	DATE 6-6-84
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EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

TIME A - GRAB SAMPLE 1045		1.0
TIME B COMPOSITE SAMPLE		
COMP	BEOM END	

REMARKS *Estimated count.				LOCATION Stream Run #1 North Creek at US 41 Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90	P TOT	MG/L	665	
WIND VEL	MPH	35	5	NO2 N	MG/L	615	
TEMP WATER	°C	10	30.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 4.3	NH3 N	MG/L	608	
COND	µMHO/CM	94	23400	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.7	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	16.0	N TOT	MG/L	600	
pH LAB	STD	403	7.7	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	12892				
TURBIDITY	NTU	76	5.1	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	55				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	< 100 *				
FECAL MF	#/100ML	31616	50 *				
FEC STREP MF	#/100ML	31679	900 *	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>M. Love</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. Smith</i> 6/11/84				() CHANGE DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 384

AGENCY SARA C	STATION 24-01-0587	DATE 7-9-84
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TIME A - GRAB SAMPLE 0910 0840	
TIME B - COMPOSITE SAMPLE	
COMP	BEOM
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #1</u> <u>North Creek at US 41 Bridge</u>			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.365
WIND DIR	DEG	36	-	P TOT	MG/L	665	0.558
WIND VEL	MPH	35	0	NO2 N	MG/L	630	< 0.020
TEMP WATER	°C	10	30.0	(NO2+NO3)-N	MG/L	630	< 0.020
D.O.	MG/L	299	*** 3.3	NH3 N	MG/L	608	< 0.020
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	1.800
pH FIELD	STD	400	6.9	N KJEL (TKN)	MG/L	625	1.800
SALINITY	PPTH	480	-	N TOT	MG/L	600	1.800
pH LAB	STD	403	8.0	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	25809				
TURBIDITY	NTU	76	6.0	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	90				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	< 100 *				
FECAL MF	#/100ML	31616	< 10 *				
FEC STREP MF	#/100ML	31679	500	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>M. Jones</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. Jones</u> 7/17/84				() CHANGE DATE SUBMITTED			

WATER QUALITY REPORT FORM

Lab # 429

TIME A - GRAB SAMPLE

1115

AGENCY

STATION

DATE

ARA C

24.01-0587

8-1-84

TIME B COMPOSITE SAMPLE

1.0

COMP

BEOM

END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS

LOCATION Stream Run #1

North Creek at US 41 Bridge

*Estimated count.

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	<u>OUT</u>	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	<u>90</u>	P TOT	MG/L	665	
WIND VEL	MPH	35	<u>5</u>	NO2 N	MG/L	630	
TEMP WATER	°C	10	<u>26.0</u>	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	<u>*** 4.7</u>	NH3 N	MG/L	608	
COND	µMHO/CM	94	<u>-</u>	ORGANIC N	MG/L	605	
FIELD	STD	400	<u>-</u>	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	<u>-</u>	N TOT	MG/L	600	
pH LAB	STD	403	<u>7.6</u>	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	<u>1328</u>				
TURBIDITY	NTU	76	<u>2.4</u>	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	<u>180</u>				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<u><100*</u>				
FECAL MF	#/100ML	31616	<u>80*</u>				
STREP MF	#/100ML	31679	<u>500*</u>	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: M. Honey

REPORT VERIFIED BY:

REPORT PREPARED BY: J. Smith

8/6/84

() CHANGE

DATE SUBMITTED

WATER QUALITY REPORT FORM Lab # 524

AGENCY PARA C	STATION 24-01-0587	DATE 9-19-84	TIME A - GRAB SAMPLE 1150	DEPTH 1.0
			TIME B COMPOSITE SAMPLE	
			COMP	SEOM
			END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 North Creek - AT US 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90	P TOT	MG/L	665	
WIND VEL	MPH	35	10	NO2 N	MG/L	630	
TEMP WATER	°C	10	28.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 3.6	NH3 N	MG/L	608	
COND	µMHO/CM	94	24100	ORGANIC N	MG/L	605	
PH FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	15.0	N TOT	MG/L	600	
pH LAB	STD	403	7.9	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	23,700				
TURBIDITY	NTU	76	3.4	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	70				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	100*				
FECAL MF	#/100ML	31616	80*				
REC STREP MF	#/100ML	31679	5600	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Malone</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. Lynch</u> 9/21/84				() CHANGE DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 591

AGENCY SARA C	STATION 24-01-0587	DATE 10-24-84	TIME A - GRAB SAMPLE 1030	DEPTH 1.0
			TIME B COMPOSITE SAMPLE	
			COMP	BEOW
			END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION Stream Run #1 North Creek at us 41 Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	630	
TEMP WATER	°C	10	26.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 4.0	NH3 N	MG/L	608	
COND	µMHO/CM	94	39220	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	26.0	N TOT	MG/L	600	
pH LAB	STD	403	7.5	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	29600				
TURBIDITY	NTU	76	4.0	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	50				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	60*				
FEC STREP MF	#/100ML	31679	5900	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>M. Jones</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. L. Jones</i>				() CHANGE			
10/26/84				DATE SUBMITTED			

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 645

AGENCY	STATION	DATE
ARA C	24-01-0587	11-26-84

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

TIME A - GRAB SAMPLE	
1055	
TIME B COMPOSITE SAMPLE	
COMP	BOD

DEPTH

1.0

REMARKS Tide-outgoing

K = <

L = >

J = Estimated Count

LOCATION Stream Run #1 North Creek
at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	5000	P ORTHO DISS	MG/L	671	0.091
WIND DIR	DEG	36	90	P TOT	MG/L	665	N.A.
WIND VEL	MPH	35	5	NO2 N	MG/L	630	K0.020
TEMP WATER	°C	10	21.0	(NO2+NO3)-N	MG/L	630	0.037
D.O.	MG/L	299	5.3	NH3 N	MG/L	608	0.070
COND	µMHO/CM	94	31520	ORGANIC N	MG/L	605	0.943
PH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.013
SALINITY	PPTH	480	20.0	N TOT	MG/L	600	1.050
PH LAB	STD	403	7.7	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	22650				
TURBIDITY	NTU	76	3.4	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	35				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	K1000J				
FECAL MF	#/100ML	31616	120 J				
FEC STREP MF	#/100ML	31679	3600	Residue Filterable (TDS)	MG/L	70300	
HLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: M. W. W.

REPORT PREPARED BY: J. W. W.

REPORT VERIFIED BY:

() CHANGE

DATE SUBMITTED

12/7/84

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 39

AGENCY ARA C	STATION 24-01-0587	DATE 1-21-85
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TIME A - GRAB SAMPLE 1050	
TIME B COMPOSITE SAMPLE	
COMP	DEPTH 1.0
BOD	

EPA/ DER Approved, Lab ID. #FL035/EL036
 DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 North Creek & US 41 Bridge			
K = < L = > J = Estimated Count							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J	P ORTHO DISS	MG/L	671	0.081
WIND DIR	DEG	36	30	P TOT	MG/L	665	0.100
WIND VEL	MPH	35	15	NO2 N	MG/L	650	0
TEMP WATER	°C	10	9.5	(NO2+NO3)-N	MG/L	630	0.025
D.O.	MG/L	299	7.5	NH3 N	MG/L	608	0.041 0.075
COND	µMHO/CM	94	17390	ORGANIC N	MG/L	605	0.589
FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	0.630
SALINITY	PPTH	480	14.5	N TOT	MG/L	600	0.655
pH LAB	STD	403	8.1	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	20714				
TURBIDITY	NTU	76	3.2	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	35				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	K/1000				
FECAL MF	#/100ML	31616	180 J				
REC STREP MF	#/100ML	31679	500 J	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Malone</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>Dean</u>				() CHANGE			
1/30/85				DATE SUBMITTED			

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 131

AGENCY ARA C	STATION 24-01-0587	DATE 2-25-85
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TIME A - GRAB SAMPLE 1120	
TIME B - COMPOSITE SAMPLE	
COMP	BOD
	BOD

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
 DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 North Creek at US 41 Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	110	P TOT	MG/L	665	
WIND VEL	MPH	35	5	NO2 N	MG/L	650	
TEMP WATER	°C	10	21.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	6.8	NH3 N	MG/L	608	
COND	µMHO/CM	94	20650	ORGANIC N	MG/L	605	
H FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	11.5	N TOT	MG/L	600	
pH LAB	STD	403	7.7	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	19896				
TURBIDITY	NTU	76	4.9	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	70				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	K 1000				
FECAL MF	#/100ML	31616	750 J				
FEC STREP MF	#/100ML	31679	500 J	Residue Fil- terable (TDS)	MG/L	70300	
FLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. G. G.</u>				() CHANGE			
2/28/85				DATE SUBMITTED			

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 238

AGENCY JARA C	STATION 24-01-0587	DATE 3-25-85	TIME A - GRAB SAMPLE 1355	DEPTH 1.0
			TIME B - COMPOSITE SAMPLE	
			COMP	END

EPA/ DER Approved, Lab ID. #FL035/EL036
 DHRS Certified, Lab ID. #44037

REMARKS K = < L = > J = Estimated Count				LOCATION Stream R/w #1 North Creek at JS 41 Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J	P ORTHO DISS	MG/L	671	0.127
WIND DIR	DEG	36	45	P TOT	MG/L	665	0.162
WIND VEL	MPH	35	5	NO2 N	MG/L	630	0.000
TEMP WATER	°C	10	25.0	(NO2+NO3)-N	MG/L	630	0.000
D.O.	MG/L	299	*** 4.5	NH3 N	MG/L	608	0.091
COND	µMHO/CM	94	15000	ORGANIC N	MG/L	605	0.849
H FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	0.940
SALINITY	PPTH	480	9.0	N TOT	MG/L	600	0.940
pH LAB	STD	403	7.9	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	15923				
TURBIDITY	NTU	76	1.8	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	45				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	K100				
FECAL MF	#/100ML	31616	10 J				
FEC STREP MF	#/100ML	31679	300 J	Residue Fil- terable (TDS)	MG/L	70300	
FLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>John</i>				() CHANGE			
4/1/85				DATE SUBMITTED			

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 295

AGENCY	STATION	DATE
SARA C	24-01-0587	4-22-85

TIME A - GRAB SAMPLE	
1110	
TIME B - COMPOSITE SAMPLE	
COMP	DETH
	1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
 DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream R/W #1 North Creek at US 41 Bridge			
K = < L = > J = Estimated Count							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90	P TOT	MG/L	665	
WIND VEL	MPH	35	10	NO2 N	MG/L	630	
TEMP WATER	°C	10	28.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	5.0	NH3 N	MG/L	608	
COND	µMHO/CM	94	18870	ORGANIC N	MG/L	605	
H FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	11.0	N TOT	MG/L	600	
PH LAB	STD	403	7.9	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	19512				
TURBIDITY	NTU	76	4.3	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	35				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	100 K				
FECAL MF	#/100ML	31616	70 J				
FEC STREP MF	#/100ML	31679	320	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>Quay</i>				() CHANGE			
4/26/85				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 459

AGENCY SARA C	STATION 24-01-0587	DATE 8-20-85	TIME A - GRAB SAMPLE 1240	DEPTH 1.0
			TIME B - COMPOSITE SAMPLE	
			COMP END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *QA Note: TKN Spike recovery was 115.5%
TP Spike recovery was 84.3%*
K = <
L = >
J = Estimated Count

LOCATION *Stream Run #1
North Creek at US 41 Bridge*

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J	P ORTHO DISS	MG/L	671	0.195
WIND DIR	DEG	36	110	P TOT	MG/L	665	N.A.
WIND VEL	MPH	35	3	NO2 N	MG/L	615	0.000
TEMP WATER	°C	10	32.0	(NO2+NO3)-N	MG/L	630	0.038
D.O.	MG/L	299	2.3	NH3 N	MG/L	608	0.083
COND	µMHO/CM	94	29820	ORGANIC N	MG/L	605	1.163
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.246
SALINITY	PPTH	480	18.0	N TOT	MG/L	600	1.284
pH LAB	STD	403	7.7	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	26499				
TURBIDITY	NTU	76	2.4	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	50				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	100 K				
FECAL MF	#/100ML	31616	60 J				
FEC STREP MF	#/100ML	31679	4500	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>John</i>				() CHANGE			
8/26/85				DATE SUBMITTED			

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 528

AGENCY SARA C	STATION 24-01-0587	DATE 9-25-85	TIME A - GRAB SAMPLE 1130	DEPTH 1.0
			TIME B COMPOSITE SAMPLE	
			COMP	BEGIN
			END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #1 North Creek at US 41 Bridge			
K = < L = > J = Estimated Count							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	28.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	3.0	NH3 N	MG/L	608	
COND	µMHO/CM	94	2710	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	1.0	N TOT	MG/L	600	
pH LAB	STD	403	7.6	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	3041				
TURBIDITY	NTU	76	2.4	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	90				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	1000 K				
FECAL MF	#/100ML	31616	190 J				
FEC STREP MF	#/100ML	31679	500 J	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>Glenn</i>							
9/27/85				() CHANGE DATE SUBMITT			

EXHIBIT L

Results of
Surface Water Quality Monitoring
in South Creek (Sarasota County -
Environmental Services Department, 1985)
During the Period of 1980 - 1985

1301 Cattlemen Rd.
Sarasota, FL 33582

WATER QUALITY REPORT FORM

LAB # 42

AGENCY RA C	STATION 24.01.0588	DATE 2/4/80	TIME A - GRAB SAMPLE 0945	DEPTH 1.0 f
			TIME B COMPOSITE SAMPLE	
			COMP	BEOM
				END

REMARKS				LOCATION			
*Estimated count.				Stream Run #5			
South Creek at US 41 Bridge south of Osprey.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓	P ORTHO DISS	MG/L	671	0.574
WIND DIR	DEG	36	0✓	P TOT	MG/L	665	NA
WIND VEL	MPH	35	5✓	NO ₂ N	MG/L	615	0.000
TEMP WATER	°C	10	11.5✓	(NO ₂ +NO ₃)-N	MG/L	630	0.430
D.O.	MG/L	299	9.3✓	NH ₃ N	MG/L	608	0.100
COND	µMHO/CM	94	24000✓	ORGANIC N	MG/L	605	1.352
pH FIELD	STD	400	7.8✓	N KJEL (TKN)	MG/L	625	1.452
REDOX (EH)	MV	90	390✓	N TOT	MG/L	600	1.882
pH LAB	STD	403	7.80✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	10400✓				
TURBIDITY	FTU	76	3.6✓	Residue Non-Filterable (TSS)	MG/L	530	
COLOR	PtCo	80	90✓				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable	MG/L	535	
BOD	MG/L	310		(Total Suspended Volatile Solids)			
COD	MG/L	335					
				Residue, Fixed Non-Filterable			
COLI MF	#/100ML	31501	***4800✓	(Total Suspended Fixed Solids)			
FECAL MF	#/100ML	31616	800*✓				
C. STREP MF	#/100ML	31679	1000*✓	Residue Filterable(TDS)	MG/L	70300	
Chlorine Residue	MG/L	50060		AGENCY	STD	27	8074
SAMPLE TAKEN BY: Maloney/Helton				REPORT VERIFIED BY: J. Gun			
REPORT PREPARED BY: CAW				DATE SUBMITTED:			
2-19-80				() CHANGE			

1301 Cattlemen Rd.
Sarasota, FL 33582

WATER QUALITY REPORT FORM

LAB # 42

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
ARA C	24.01.0615	2/4/80	1000	1.0 ft
			TIME B - COMPOSITE SAMPLE	
			COMP	BEOM
				END

REMARKS	LOCATION
*Estimated count.	Stream Run #5 South Creek above dam at Oscar Scherer State Park.

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓	P ORTHO DISS	MG/L	671	0.870✓
WIND DIR	DEG	36	0✓	P TOT	MG/L	665	0.870✓
WIND VEL	MPH	35	5✓	NO2 N	MG/L	615	0.000✓
TEMP WATER	OC	10	12.0✓	(NO2+NO3)-N	MG/L	630	0.880✓
D.O.	MG/L	299	6.5✓	NH3 N	MG/L	608	0.080✓
COND	μMHO/CM	94	1500✓	ORGANIC N	MG/L	605	1.591✓
pH FIELD	STD	400	7.4✓	N KJEL (TKN)	MG/L	625	1.671✓
REDOX (EH)	MV	90	350✓	N TOT	MG/L	600	2.551✓
pH LAB	STD	403	7.53✓	Total Alkalinity	MG/L	410	
COND LAB	μMHO/CM	95	1340✓				
TURBIDITY	FTU	76	6.1✓	Residue Non-Filterable (TSS)	MG/L	530	
COLOR	PtCo	80	130✓				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable	MG/L	535	
BOD	MG/L	310		(Total Suspended Volatile Solids)			
COD	MG/L	335					
				Residue, Fixed Non-Filterable			
COLI MF	#/100ML	31501	***6700✓	(Total Suspended Fixed Solids)			
FECAL MF	#/100ML	31616	800✓				
EC. STREP MF	#/100ML	31679	160✓	Residue Filterable(TDS)	MG/L	70300	
Chlorine Residue	MG/L	50060		AGENCY	STD	27	8074

SAMPLE TAKEN BY:	Maloney/Helton	REPORT VERIFIED BY:	J. G. G.
REPORT PREPARED BY:	Date		
CAW	2-19-80	() CHANGE	DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 111

AGENCY	STATION	DATE
SARA C	24.01.0588	3/18/80

TIME A - GRAB SAMPLE	
0900	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0 ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION <u>Stream Run #5</u> South Creek at US 41 Bridge south of Osprey.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2 ✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	200 ✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3 ✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	23 ✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	4.7 4.7 ✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	42000 ✓	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.5 ✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	-	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	3.1 ✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	70 ✓				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	3200 3200 ✓				
FECAL MF	#/100ML	31616	480 ✓				
FEC STREP MF	#/100ML	31679	50* ✓	Residue Fil-terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	50060		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. Long</i>			
REPORT PREPARED BY: caw				() CHANGE			
3-24-80				DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 111

TIME A - GRAB SAMPLE	
0915	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

AGENCY	STATION	DATE
SARA C	24.01.0615	3/18/80

DEPTH
1.0 ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 South Creek above dam at Oscar Scherer State Park.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	200✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	21✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	3.6 3.6✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	1350✓	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.1✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.30✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	1320✓				
TURBIDITY	NTU	76	7.6✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	130✓				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
				Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	5000 5000✓				
FECAL MF	#/100ML	31616	430✓				
FEC STREP MF	#/100ML	31679	250✓	Residue Fil-terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	50060		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. Lunn</i>			
REPORT PREPARED BY: caw				DATE SUBMITTED			
3-24-80				() CHANGE			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 145

AGENCY	STATION	DATE
SARA C	24.01.0588	4/15/80

TIME A - GRAB SAMPLE	
0850	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0 ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #5			
				South Creek at US 41 Bridge south of Osprey.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	300✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	21✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	5.2✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.7✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	200✓	N TOT	MG/L	600	
pH LAB	STD	403	-	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	21000✓				
TURBIDITY	NTU	76	4.2✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	70✓				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
				Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	600*✓				
FECAL MF	#/100ML	31616	370✓				
FEC STREP MF	#/100ML	31679	30*✓	Residue Fil-terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	50060		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. Smay</i>			
REPORT PREPARED BY: caw 4-23-80				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 145

TIME A - GRAB SAMPLE	
0900	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

AGENCY	STATION	DATE
SARA C	24.01.0615	4/15/80

DEPTH
1.0 ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #5</u>			
*Estimated count.				South Creek above dam at Oscar Scherer State Park			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	300✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	19✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	***4.3✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.4✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	190✓	N TOT	MG/L	600	
pH LAB	STD	403	7.37✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	1170✓				
TURBIDITY	NTU	76	20.0✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	90✓				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
				Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	1200*✓				
FECAL MF	#/100ML	31616	640*✓				
FEC STREP MF	#/100ML	31679	160*✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	50060		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. Guay</i>			
REPORT PREPARED BY: caw 4-23-80				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 175

AGENCY	STATION	DATE
SARA C	24.01.0588	5/5/80

TIME A - GRAB SAMPLE	
1000	
TIME B COMPOSITE SAMPLE	
COMP	BEOM
	END

DEPTH
1.0 ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated, count.				Stream Run #5			
South Creek at US 41 Bridge							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043		P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	330✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	26✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	-	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.71✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	35500✓				
TURBIDITY	NTU	76	1.8✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	30✓				
D.O. LAB	MG/L	300	*** 3.7✓	Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
				Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	1100*✓				
FECAL MF	#/100ML	31616	10*✓				
FEC STREP MF	#/100ML	31679	10*✓	Residue Fil-terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	50060		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>John</i>			
REPORT PREPARED BY: <i>caw</i>				() CHANGE			
5-8-80				DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 175

TIME A - GRAB SAMPLE	
1015	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

AGENCY	STATION	DATE
SARA C	24.01.0615	5/5/80

DEPTH
1.0 ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION Stream Run #5 South Creek above dam at Oscar Schere State Park.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043		P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	330✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	22✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	-	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.57✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	1250✓				
TURBIDITY	NTU	76	17✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	80✓				
D.O. LAB	MG/L	300	*** 4.3✓	Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
				Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	1800*✓				
FECAL MF	#/100ML	31616	100*✓				
FEC STREP MF	#/100ML	31679	100*✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	50060		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Smith			
REPORT PREPARED BY: caw				() CHANGE			
5-8-80				DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 254

TIME A - GRAB SAMPLE	
0930	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

AGENCY	STATION	DATE
SARA C	24.01.0588	6/30/80

DEPTH
1.0 ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #5			
				South Creek at US 41 Bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	1	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	260	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	30	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	-	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.90	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	44000				
TURBIDITY	NTU	76	1.5	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	20				
D.O. LAB	MG/L	299	*** 2.8	Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	100*				
FECAL MF	#/100ML	31616	<10*				
FEC STREP MF	#/100ML	31679	<10*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. L. L.</i>			
REPORT PREPARED BY: caw				DATE SUBMITTED			
7-2-80				() CHANGE			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 254

TIME A - GRAB SAMPLE	
1000	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

AGENCY	STATION	DATE
SARA C	24.01.0615	6/30/80

DEPTH
1.0 ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5			
*Estimated count.				South Creek above dam at Oscar Schere State Park.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	260	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	27	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	-	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.54	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	2000				
TURBIDITY	NTU	76	5.4	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	60				
D.O. LAB	MG/L	299	***3.0	Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	700*				
FECAL MF	#/100ML	31616	290				
FEC STREP MF	#/100ML	31679	80*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. Long</i>			
REPORT PREPARED BY: caw				() CHANGE DATE SUBMITTED			
7-2-80							

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 281

AGENCY SARA C	STATION 24.01.0588	DATE 7/28/80	TIME A - GRAB SAMPLE 0845	DEPTH 1.0 ft.
			TIME B - COMPOSITE SAMPLE	
			COMP	BEGIN END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #5</u> South Creek at US 41 bridge.			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	1	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	225	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	29	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	-	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.90	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	40000				
TURBIDITY	NTU	76	1.6	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	20				
D.O. LAB	MG/L	300	*** 3.0	Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	<10*				
FEC STREP MF	#/100ML	31679	20*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. Dun</i>			
REPORT PREPARED BY: caw				() CHANGE DATE SUBMITTED			
7-31-80							

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 281

AGENCY SARA C	STATION 24.01.0615	DATE 7/28/80	TIME A - GRAB SAMPLE 0900	DEPTH 1.0 ft.
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #5</u>			
*Estimated count.				South Creek above dam at Oscar Scherer State Park.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	225	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	27	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	-	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.58	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	1800				
TURBIDITY	NTU	76	9.1	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	80				
D.O. LAB	MG/L	300	2.3	Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	1500*				
FECAL MF	#/100ML	31616	150*				
FEC STREP MF	#/100ML	31679	50*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Gury			
REPORT PREPARED BY: caw 7-31-80				(-) CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 330

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0588	9/8/80	0940	.5 m
			TIME B COMPOSITE SAMPLE	
			COMP	BEGIN
				END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #5			
				South Creek at US 41 Bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	1✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	29.3✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 1.9✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	27000✓	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.0✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	136✓	N TOT	MG/L	600	
pH LAB	STD	403	-	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	2.4✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	140✓				
D.O. LAB	MG/L			Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	450*✓				
FECAL MF	#/100ML	31616	130*✓				
FEC STREE MF	#/100ML	31679	10*✓	Residue Fil-terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Guen			
REPORT PREPARED BY: caw 9-11-80				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 330

AGENCY	STATION	DATE
SARA C	24.01.0615	9/8/80

TIME A - GRAB SAMPLE	
1200	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
.5 m

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #5</u>			
*Estimated count.				South Creek above dam at Oscar Scherer State Park.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	27.4✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 1.7✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	1000✓	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.1✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	168✓	N TOT	MG/L	600	
pH LAB	STD	403	7.22✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	1020✓				
TURBIDITY	NTU	76	2.2✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	280✓				
D.O. LAB	MG/L			Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	1800*✓				
FECAL MF	#/100ML	31616	*** 900*✓				
FEC STREB MF	#/100ML	31679	54*✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. Gunn</i>			
REPORT PREPARED BY: caw				DATE SUBMITTED: 9-11-80			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 397

AGENCY SARA C	STATION 24.01.0588	DATE 11/3/80	TIME A - GRAB SAMPLE 0900	DEPTH 1.5 Ft.
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #5 South Creek at US 41 Bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	1 ✓	P ORTHO DISS	MG/L	671	0.120 ✓
WIND DIR	DEG	36	90 ✓	P TOT	MG/L	665	NA
WIND VEL	MPH	35	3 ✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	23 ✓	(NO2+NO3)-N	MG/L	630	0.020 ✓
D.O.	MG/L	299	3.8 ✓	NH3 N	MG/L	608	0.140 ✓
COND	µMHO/CM	94	47000 ✓	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	NA
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.88 ✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	3.3 ✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	30 ✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	400* ✓				
FECAL MF	#/100ML	31616	60* ✓				
FEC STREB MF	#/100ML	31679	10* ✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Guen			
REPORT PREPARED BY: caw				DATE SUBMITTED			
11-17-80				() CHANGE			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 397

AGENCY	STATION	DATE
SARA C	24.01.0615	11/3/80

TIME A - GRAB SAMPLE	
0930	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.5 Ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #5			
South Creek above dam at Oscar Schere State Park.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	0.200✓
WIND DIR	DEG	36	90✓	P TOT	MG/L	665	NA
WIND VEL	MPH	35	10✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	22✓	(NO2+NO3)-N	MG/L	630	0.080✓
D.O.	MG/L	299	*** 3.5✓	NH3 N	MG/L	608	0.080✓
COND	µMHO/CM	94	1800✓	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	NA
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.60✓	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	8.3✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	80✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	**** 2900✓				
FECAL MF	#/100ML	31616	340✓				
FEC STREP MF	#/100ML	31679	110*✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Gunn			
REPORT PREPARED BY: caw				DATE SUBMITTED			
11-17-80				() CHANGE			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 32

AGENCY	STATION	DATE
SARA C	24.01.0588	1/26/81

TIME A - GRAB SAMPLE		DEPTH 1.5 Ft.
0815		
TIME B - COMPOSITE SAMPLE		
COMP	BEOM	
END		

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #5			
				South Creek at US 41 bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	14	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	7.9	NH3 N	MG/L	608	
COND	µMHO/CM	94	43000	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.86	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	6.5	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	40				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	*** 3600				
FECAL MF	#/100ML	31616	*** 2600				
FEC STREP MF	#/100ML	31679	120*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Sun			
REPORT PREPARED BY: CBW				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 32

AGENCY	STATION	DATE
SARA C	24.01.0615	1/26/81

TIME A - GRAB SAMPLE	
0830	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0 Ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS Bloom of Chlorella Sp. present. *Estimated count.				LOCATION <u>Stream Run #5</u> South Creek above dam in Oscar Scherer State Park.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	11.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 2.8	NH3 N	MG/L	608	
COND	µMHO/CM	94	2300	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.80	Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95	-				
TURBIDITY	NTU	76	16	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	140				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	*** 7100				
FECAL MF	#/100ML	31616	*** >6000*				
FEC STREP MF	#/100ML	31679	9900*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>John</i>			
REPORT PREPARED BY: caw 1-29-81				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 111

AGENCY SARA C	STATION 24.01.0588	DATE 3/3/81	TIME A - GRAB SAMPLE 0915	DEPTH 1.0 Ft.
			TIME B COMPOSITE SAMPLE	
			BEGIN	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

COMP	END
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REMARKS				LOCATION <u>Stream Run #5</u>			
*Estimated count.				South Creek at US 41 Bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	1✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	150✓	P TOT	MG/L	665	
WIND VEL	MPH	35	25✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	21.4✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	300	6.9✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	33200✓	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.8✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	261✓	N TOT	MG/L	600	
pH LAB	STD	403		Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95					
TURBIDITY	NTU	76	2.4✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	50✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	100*✓				
FECAL MF	#/100ML	31616	30*✓				
FEC STREP MF	#/100ML	31679	30*✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. Green</i>			
REPORT PREPARED BY: <i>caw</i>				DATE SUBMITTED: <i>7-3-81</i>			

() CHANGE

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 111

AGENCY SARA C	STATION 24.01.0615	DATE 3/30/81	TIME A - GRAB SAMPLE 0940	DEPTH 1.5 Ft.
			TIME B COMPOSITE SAMPLE	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

COMP	BEGIN
	END

REMARKS				LOCATION <u>Stream Run #5</u>			
*Estimated count.				South Creek above dam at Oscar Schere State Park.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	150✓	P TOT	MG/L	665	
WIND VEL	MPH	35	25✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	21.4✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	300	1.6✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	1500✓	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.3✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	258✓	N TOT	MG/L	600	
pH LAB	STD	403		Total Alkalinity	MG/L	410	
COND LAB	µMHO/CM	95					
TURBIDITY	NTU	76	9.9✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	120✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	1200*✓				
FECAL MF	#/100ML	31616	330✓				
FEC STREP MF	#/100ML	31679	100*✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY: <u>J. Gunn</u>			
REPORT PREPARED BY: <u>caw 4-3-81</u>				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 160

AGENCY SARA C	STATION 24.01.0588	DATE 5/4/81
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TIME A - GRAB SAMPLE 0900	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.5 Ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION <u>Stream Run #5</u> South Creek at US 41 bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	1✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90✓	P TOT	MG/L	665	0.406✓
WIND VEL	MPH	35	5✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	24✓	(NO2+NO3)-N	MG/L	630	0.020✓
D.O.	MG/L	300	***4.2✓	NH3 N	MG/L	608	0.160✓
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	1.705✓
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.865✓
REDOX (EH)	MV	90	-	N TOT	MG/L	600	1.885✓
pH LAB	STD	403	7.84✓	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	45000✓				
TURBIDITY	NTU	76	1.5✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	30✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	100✓				
FECAL MF	#/100ML	31616	64*✓				
FEC STREB MF	#/100ML	31679	<10*✓	Residue Fil-terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. Burt</i>			
REPORT PREPARED BY: caw 5-13-81				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 160

AGENCY SARA C	STATION 24.01.0615	DATE 5/4/81	TIME A - GRAB SAMPLE 0915	DEPTH 1.5 Ft.
EPA/ DER Approved, Lab ID. #FL035/EL036 DHRS Certified, Lab ID. #44037			TIME B COMPOSITE SAMPLE	
			COMP	BEGIN END

REMARKS				LOCATION			
*Estimated count.				Stream Run #5 South Creek above dam at Oscar Schere State Park.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90✓	P TOT	MG/L	665	0.507✓
WIND VEL	MPH	35	10✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	21✓	(NO2+NO3)-N	MG/L	630	0.020✓
D.O.	MG/L	300	***4.1✓	NH3 N	MG/L	608	0.060✓
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	1.598✓
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.658✓
REDOX (EH)	MV	90	-	N TOT	MG/L	600	1.678✓
pH LAB	STD	403	7.64✓	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	2050✓				
TURBIDITY	NTU	76	4.5✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	50✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	640*✓				
FECAL MF	#/100ML	31616	120*✓				
FEC STREP MF	#/100ML	31679	18*✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Sun			
REPORT PREPARED BY: caw 5-13-81				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 226

AGENCY SARA C	STATION 24.01.0588	DATE 6/22/81
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TIME A - GRAB SAMPLE 0900	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN END

DEPTH
1.0 Ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION Stream Run #5 South Creek at US 41 bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	1✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	210✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	29.7✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L		*** 3.4	NH3 N	MG/L	608	
COND	µMHO/CM	94	47600✓	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.3✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	197✓	N TOT	MG/L	600	
pH LAB	STD	403	7.72✓	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	40250✓				
TURBIDITY	NTU	76	1.8✓	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	30✓				
D.O. LAB	MG/L	299		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	100*✓				
FECAL MF	#/100ML	31616	10*✓				
FEC STREP MF	#/100ML	31679	550✓	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>Guern</i>			
REPORT PREPARED BY: caw 6-24-81 <i>W</i>				() CHANGE DATE SUBMITTED			

~~P~~ollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 225

AGENCY SARA C	STATION 24.01.0615	DATE 6/22/81
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TIME A - GRAB SAMPLE 0930	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN END

DEPTH 1.0 Ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #5 South Creek above dam at Oscar Scherer State Park.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	210✓	P TOT	MG/L	665	
WIND VEL	MPH	35	3✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	26.7✓	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L		***1.4	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.1✓	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	49✓	N TOT	MG/L	600	
pH LAB	STD	403	7.54✓	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	2800✓				
TURBIDITY	NTU	76	4.6✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	50✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	800✓				
FECAL MF	#/100ML	31616	20✓				
FEC STREB MF	#/100ML	31679	420✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: <i>J. Guen</i>			
REPORT PREPARED BY: caw				() CHANGE			
6-24-81				DATE SUBMITTED			

Sarasota County
Pollution Control Department

WATER QUALITY REPORT FORM

Lab# 262

AGENCY SARA C	STATION 24.01.0588	DATE 7/20/81	TIME A - GRAB SAMPLE 0915	DEPTH 1.0 Ft.
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
Chlorophyll absorbance not in linear range. *Estimated count.				Stream Run #5 South Creek and US 41 bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	2	P ORTHO DISS	MG/L	671	0.303
WIND DIR	DEG	36	45	P TOT	MG/L	665	0.503
WIND VEL	MPH	35	3	NO ₂ N	MG/L	615	0.000
TEMP WATER	°C	10	29.7	(NO ₂ +NO ₃)-N	MG/L	630	0.000
D.O.	MG/L	299	***1.6	NH ₃ N	MG/L	608	0.091
COND	µMHO/CM	94	48400	ORGANIC N	MG/L	605	0.882
pH FIELD	STD	400	7.4	N KJEL (TKN)	MG/L	625	0.973
REDOX	MV	90	162	N TOT	MG/L	600	0.973
pH LAB	STD	403		FLUORIDES DIS	MG/L	950	1.00
COND LAB	µMHO/CM	95					
TURBIDITY	NTU	76	2.4	CHL-A CORR	µg/l	32211	22.13
COLOR	PtCo	80	30	PHEO - A	µg/l	32218	9.66
D.O. LAB	MG/L	299		CHL - A	µg/l	32210	27.01
BOD	MG/L	310		CHL - B	µg/l	32212	12.45
COD	MG/L	335		CHL - C	µg/l	32214	0.00
Transparency (Secchi disk)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	39.46
COLI MF	#/100 ML	31501	100*	PHEO RATIO (OD 663) a/b		32219	1.49
FECAL MF	#/100 ML	31616	30*				
FEC STREP MF	#/100 ML	31679	970*	Residue Fil-terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Guen			
REPORT PREPARED BY: 8-3-81				() CHANGE DATE SUBMITTED			

Sarasota County
Pollution Control Department

WATER QUALITY REPORT FORM Lab# 262

AGENCY SARA C	STATION 24.01.0615	DATE 7/20/81	TIME A - GRAB SAMPLE 0945	DEPTH 1.0 Ft.
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

EPA/DER Approved, Lab ID. #FL035/EL036

DHRS Certified, Lab ID. #44037

REMARKS Chlorophyll sample lost due to lab error. *Estimated count.				LOCATION Stream Run #5 South Creek above dam in Oscar Scherer State Park.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	-	P ORTHO DISS	MG/L	671	0.343
WIND DIR	DEG	36	45	P TOT	MG/L	665	0.503
WIND VEL	MPH	35	3	NO ₂ N	MG/L	615	0.000
TEMP WATER	°C	10	25.5	(NO ₂ +NO ₃)-N	MG/L	630	0.020
D.O.	MG/L	299	***2.6	NH ₃ N	MG/L	608	0.081
COND	µMHO/CM	94	NA	ORGANIC N	MG/L	605	0.861
pH FIELD	STD	400	7.3	N KJEL (TKN)	MG/L	625	0.942
REDOX	MV	90	-67	N TOT	MG/L	600	0.962
pH LAB	STD	403		FLUORIDES DIS	MG/L	950	0.62
COND LAB	µMHO/CM	95	2500				
TURBIDITY	NTU	76	***50	CHL-A CORR	µg/l	32211	
COLOR	PtCo	80	80	PHEO - A	µg/l	32218	
D.O. LAB	MG/L	299		CHL - A	µg/l	32210	
BOD	MG/L	310		CHL - B	µg/l	32212	
COD	MG/L	335		CHL - C	µg/l	32214	
Transparency (Secchi disk)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	
COLI MF	#/100 ML	31501	400*	PHEO RATIO (OD 663) a/b		32219	
FECAL MF	#/100 ML	31616	300				
FEC STREP MF	#/100 ML	31679	820	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Sun			
REPORT PREPARED BY: 8-3-81				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 355

AGENCY SARA C	STATION 24.01.0588	DATE 9/21/81
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TIME A - GRAB SAMPLE 0950	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN END

DEPTH
1.0 Ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION <u>Stream Run #5</u> South Creek at US 41 bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2 ✓	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0 ✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	-	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	300	*** 3.8 ✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.6 ✓	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	14,590 ✓				
TURBIDITY	NTU	76	2.5 ✓	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	175 ✓				
D.O. LAB	MG/L	299		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	300* ✓				
FECAL MF	#/100ML	31616	60* ✓				
FEC STREP MF	#/100ML	31679	610 ✓	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Gunn			
REPORT PREPARED BY: caw 9-25-81				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 355

AGENCY SARA C	STATION 24.01.0615	DATE 9/21/81
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TIME A - GRAB SAMPLE 0930	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN END

DEPTH
1.0 Ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5			
*Estimated count.				South Creek, above dam in Oscar Scherer State Park.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0 ✓	NO2 N	MG/L	615	
TEMP WATER	°C	10	-	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	300	***0.8 ✓	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.4 ✓	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	1270 ✓				
TURBIDITY	NTU	76	2.0 ✓	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	250 ✓				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<100* ✓				
FECAL MF	#/100ML	31616	45* ✓				
FEC STREB MF	#/100ML	31679	360* ✓	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Luen			
REPORT PREPARED BY: caw 9-25-81				() CHANGE DATE SUBMITTED			

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM

Lab# 413

AGENCY SARA C	STATION 24.01.0588	DATE 11/2/81	TIME A - GRAB SAMPLE 0850	DEPTH 1.5 Ft.
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION Stream Run #5 South Creek at US 41 bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	2	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	45	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO ₂ N	MG/L	615	
TEMP WATER	°C	10	24.0	(NO ₂ +NO ₃)-N	MG/L	630	
D.O.	MG/L	300	5.0	NH ₃ N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.6	FLUORIDES DIS	MG/L	950	0.88
COND LAB	µMHO/CM	95	39,800				
TURBIDITY	NTU	76	2.8	CHL-A CORR	µg/l	32211	
COLOR	PtCo	80	25	PHEO - A	µg/l	32218	
D.O. LAB	MG/L	299		CHL - A	µg/l	32210	
BOD	MG/L	310		CHL - B	µg/l	32212	
COD	MG/L	335		CHL - C	µg/l	32214	
Transparency (Secchi disk)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	
COLI MF	#/100 ML	31501	100*	PHEO RATIO (OD 663) b/a		32219	
FECAL MF	#/100 ML	31616	82*				
FEC STREP MF	#/100 ML	31679	960	Residue Fil-terable(TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Gunn			
REPORT PREPARED BY:				() CHANGE			
4/6/81				DATE SUBMITTED			

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM Lab# 413

AGENCY SARA C	STATION 24.01.0615	DATE 11/2/81
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TIME A - GRAB SAMPLE 0830	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN END

DEPTH
1.0 Ft.

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5			
*Estimated count.				South Creek above dam at Oscar Scherer State Park.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	45	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO ₂ N	MG/L	615	
TEMP WATER	°C	10	22.0	(NO ₂ +NO ₃)-N	MG/L	630	
D.O.	MG/L	300	*** 2.9	NH ₃ N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.5	FLUORIDES DIS	MG/L	950	0.53
COND LAB	µMHO/CM	95	1650				
TURBIDITY	NTU	76	7.7	CHL-A CORR	µg/l	32211	
COLOR	PtCo	80	50	PHEO - A	µg/l	32218	
D.O. LAB	MG/L	299		CHL - A	µg/l	32210	
BOD	MG/L	310		CHL - B	µg/l	32212	
COD	MG/L	335		CHL - C	µg/l	32214	
Transparency (Secchi disk)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	
COLI MF	#/100 ML	31501	1,000*	PHEO RATIO (OD 663) b/a		32219	
FECAL MF	#/100 ML	31616	240				
FEC STREP MF	#/100 ML	31679	730*	Residue Fil-terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Sun			
REPORT PREPARED BY:				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 500

AGENCY SARA C	STATION 24.01.0588	DATE 12/28/81	TIME A - GRAB SAMPLE 1215	DEPTH 1.0 Ft.
			TIME B - COMPOSITE SAMPLE	
			BEGIN	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #5 South Creek at U.S. 41 bridge.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	1	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	180	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	24.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	300	6.9	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.8	FLUORIDES DISSOLVED	MG/L	950	1.27
COND LAB	µMHO/CM	95	32,300				
TURBIDITY	NTU	76	4.0	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	25				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	1,100*				
FECAL MF	#/100ML	31616	90*				
FEC STREB MF	#/100ML	31679	130*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Sun			
REPORT PREPARED BY: caw 1/6/82				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 500

AGENCY	STATION	DATE
SARA C	24.01.0615	12/28/81

TIME A - GRAB SAMPLE	
1200	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0 Ft.

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #5</u>			
*Estimated count.				South Creek above dam at Oscar Scherer state park.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	180	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	21.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	300	*** 3.0	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
REDOX (EH)	MV	90	-	N TOT	MG/L	600	
pH LAB	STD	403	7.5	FLUORIDES DISSOLVED	MG/L	950	0.96
COND LAB	µMHO/CM	95	1520				
TURBIDITY	NTU	76	8.7	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	125				
D.O. LAB	MG/L	299		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	300*				
FECAL MF	#/100ML	31616	150*				
FEC STREB MF	#/100ML	31679	220*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: Maloney				REPORT VERIFIED BY: J. Gun			
REPORT PREPARED BY: caw 1/6/82				() CHANGE DATE SUBMITTED			

Sarasota County
Pollution Control Department

WATER QUALITY REPORT FORM Lab# 53

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#588	2-16-82	0915	1.0
			TIME B COMPOSITE SAMPLE	
			COMP	BEGIN
				END

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS	*Estimated count	LOCATION	Stream run #5 South Creek at US 41 Bridge
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PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	IN	P ORTHO DISS	MG/L	671	0.230
WIND DIR	DEG	36	110	P TOT	MG/L	665	0.303
WIND VEL	MPH	35	3	NO ₂ N	MG/L	615	<0.020
TEMP WATER	°C	10	17.0	(NO ₂ +NO ₃)-N	MG/L	630	0.024
D.O.	MG/L	300	4.9	NH ₃ N	MG/L	608	0.099
COND	µMHO/CM	94	50600 2000	ORGANIC N	MG/L	605	0.844
PH FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	0.943
REDOX Salinity	MV PPTH	20 480	33.5	N TOT	MG/L	600	0.967
PH LAB	STD	403	7.6	FLUORIDES DIS	MG/L	950	
COND LAB	µMHO/CM	95					
TURBIDITY	NTU	76	1.2	CHL-A CORR	µg/l	32211	
COLOR	PtCo	80	20	PHEO - A	µg/l	32218	
D.O. LAB	MG/L	299		CHL - A	µg/l	32210	
BOD	MG/L	310		CHL - B	µg/l	32212	
COD	MG/L	335		CHL - C	µg/l	32214	
Transparency (Secchi)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	
COLI MF	#/100 ML	31501	100*	PHEO RATIO (OD 663) b/a		32219	
FECAL MF	#/100 ML	31616	20*				
FEC STREP MF	#/100 ML	31679	240	Residue non- Filter (TSS)	MG/L	530	
HLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	

SAMPLE TAKEN BY: <u>Maloney</u>	REPORT VERIFIED BY: <u>[Signature]</u>
REPORT PREPARED BY: <u>[Signature]</u>	
DATE: <u>2/25/82</u>	() CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 53

AGENCY SARA C	STATION #615	DATE 2-16-82
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TIME A - GRAB SAMPLE 0845	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count				LOCATION Stream Run # 5 South Creek above dam at ogcar schere'r ST. park			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	—	P ORTHO DISS	MG/L	671	0.248
WIND DIR.	DEG	36	110	P TOT	MG/L	665	0.372
WIND VEL	MPH	35	3	NO2 N	MG/L	615	<0.020
TEMP WATER	°C	10	18.0	(NO2+NO3)-N	MG/L	630	<0.020
D.O.	MG/L	300	***4.6	NH3 N	MG/L	608	0.051
COND	µMHO/CM	94	2000	ORGANIC N	MG/L	605	0.900
H FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	0.951
REDOX (EH) SALINITY	mv pPTH	98 480	0	N TOT	MG/L	600	0.951
pH LAB	STD	403	7.8	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95					
TURBIDITY	NTU	76	3.7	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	40				
D.O. LAB	MG/L	299		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	400*				
FECAL MF	#/100ML	31616	80*				
FEC STREB MF	#/100ML	31679	90*	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY: <i>J. Sney</i>			
REPORT PREPARED BY: <i>caw</i>				DATE SUBMITTED			
2/25/82				() CHANGE			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 104

AGENCY SARA C	STATION #588	DATE 3-29-82
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TIME A - GRAB SAMPLE 0915	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH 1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count	LOCATION Stream run #5 South creek at us 41 Bridge
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PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	10	P TOT	MG/L	665	
WIND VEL	MPH	35	15	NO2 N	MG/L	615	
TEMP WATER	°C	10	20.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	300	6.9	NH3 N	MG/L	608	
ND	µMHO/CM	94	21000	ORGANIC N	MG/L	605	
pH FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	12.5	N TOT	MG/L	600	
pH LAB	STD	403	7.6	FLUORIDES DISSOLVED	MG/L	950	0.74
COND LAB	µMHO/CM	95					
TURBIDITY	NTU	76	1.5	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	40				
D.O. LAB	MG/L	299		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	300 *				
FECAL MF	#/100ML	31616	<10 *				
EC STREB MF	#/100ML	31679	130 *	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: <u>Maloney, Gagliardo</u>
REPORT PREPARED BY: <u>caw</u>

REPORT VERIFIED BY: <u>J. L. Lunn</u>
() CHANGE
DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 104

AGENCY	STATION	DATE
SARA C	#615	3-29-82

TIME A - GRAB SAMPLE	
0900	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS * Estimated count				LOCATION Stream run #5 So. Creek Above dam at Oscar Scherer ST. park			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	10	P TOT	MG/L	665	
WIND VEL	MPH	35	15	NO2 N	MG/L	615	
TEMP WATER	°C	10	21.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	300	*** 4.8	NH3 N	MG/L	608	
ND	µMHO/CM	94	1300	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	0	N TOT	MG/L	600	
pH LAB	STD	403	7.5	FLUORIDES DISSOLVED	MG/L	950	0.43
COND LAB	µMHO/CM	95					
TURBIDITY	NTU	76	4.2	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	50				
D.O. LAB	MG/L	299		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	1600 *				
FECAL MF	#/100ML	31616	*** 820 *				
EC STREB MF	#/100ML	31679	2700	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney, Gagliardo</u>				REPORT VERIFIED BY: <u>J. L...</u>			
REPORT PREPARED BY: <u>caw</u>				DATE SUBMITTED			
				() CHANGE			

Sarasota County
Pollution Control Department

WATER QUALITY REPORT FORM Lab# 177

AGENCY SARA C	STATION # 588	DATE 5-24-82
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TIME A - GRAB SAMPLE 0820	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS <i>chl determined in non linear range.</i>				LOCATION <i>Stream run #5 South creek at US 41 Bridge</i>			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	<i>IN</i>	P ORTHO DISS	MG/L	671	<i>0.211</i>
WIND DIR	DEG	36	<i>45</i>	P TOT	MG/L	665	<i>0.412</i>
WIND VEL	MPH	35	<i>3</i>	NO ₂ N	MG/L	615	<i><0.020</i>
TEMP WATER	°C	10	<i>25.5</i>	(NO ₂ +NO ₃)-N	MG/L	630	<i>0.020</i>
D.O.	MG/L	300	<i>-</i>	NH ₃ N	MG/L	608	<i>0.155</i>
COND	µMHO/CM	94	<i>42600</i>	ORGANIC N	MG/L	605	<i>0.807</i>
H FIELD	STD	400	<i>-</i>	N KJEL (TKN)	MG/L	625	<i>0.962</i>
SALINITY	PPTH	480	<i>25.0</i>	N TOT	MG/L	600	<i>0.982</i>
pH LAB	STD	403	<i>7.6</i>	FLUORIDES DIS	MG/L	950	<i>0.98</i>
COND LAB	µMHO/CM	95	<i>44700</i>	Sulfates	mg/L	945	<i>1908</i>
TURBIDITY	NTU	76	<i>1.6</i>	CHL-A CORR	µg/l	32211	<i>1.60</i>
COLOR	PtCo	80	<i>20</i>	PHEO - A	µg/l	32218	<i>1.02</i>
D.O. LAB	MG/L	299	<i>*** (2.7)</i>	CHL - A	µg/l	32210	<i>2.18</i>
BOD	MG/L	310		CHL - B	µg/l	32212	<i>0.86</i>
COD	MG/L	335		CHL - C	µg/l	32214	<i>0.57</i>
Transparency (Secchi)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	<i>3.61</i>
COLI MF	#/100 ML	31501	<i>100*</i>	PHEO RATIO (OD 663) b/a		32219	<i>1.43</i>
FECAL MF	#/100 ML	31616	<i>50*</i>				
FEC STREP MF	#/100 ML	31679	<i>440</i>	Residue Non-Filtrable (TSS)	MG/L	530	
THLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY: <i>J. Gurn</i>			
REPORT PREPARED BY:				() CHANGE DATE SUBMITTED			

Sarasota County

Pollution Control Department

WATER QUALITY REPORT FORM

Lab# 177

AGENCY SARA C	STATION #615	DATE 5-24-82
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TIME & DATE SAMPLE 0800	
TIME & COMPOSITE SAMPLE	
COMP	STAIN IND

DEPTH
1.0

EPA/DER Approved, Lab ID. #FL035/EL036

DHRS Certified, Lab ID. #44037

REMARKS

*chl. determined
in non linear range*

*Estimated count.

LOCATION

*Stream Run #5
South Creek above dam in
Oscar Scherer St. Park*

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	-	P ORTHO DISS	MG/L	671	0.219
WIND DIR	DEG	36	-	P TOT	MG/L	665	0.622
WIND VEL	MPH	35	0	NO ₂ N	MG/L	615	<0.020
TEMP WATER	°C	10	23.5	(NO ₂ +NO ₃)-N	MG/L	630	0.026
D.O.	MG/L	300	-	NH ₃ N	MG/L	608	0.053
COND	µMHO/CM	94	1490	ORGANIC N	MG/L	605	1.220
FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.273
SALINITY	PPTH	480	7.5	N TOT	MG/L	600	1.299
pH LAB	STD	403	7.4	FLUORIDES DIS	MG/L	950	0.61
COND LAB	µMHO/CM	95	11000	SULFATES	MG/L	945	674
TURBIDITY	NTU	76	1.8	CHL-A CORR	µg/l	32211	4.00
COLOR	PtCo	80	60	PHEO - A	µg/l	32218	1.98
D.O. LAB	MG/L	299	*** 3.3	CHL - A	µg/l	32210	5.18
BOD	MG/L	310		CHL - B	µg/l	32212	1.45
COD	MG/L	335		CHL - C	µg/l	32214	0.75
Transparency (Secchi)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	7.38
COLI MF	#/100 ML	31501	900 *	PHEO RATIO (OD 663) b/a		32219	1.47
FECAL MF	#/100 ML	31616	240 *				
FEC STREP MF	#/100 ML	31679	580	Residue Non-Fil- terable (TSS)	MG/L	530	
FLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	

SAMPLE TAKEN BY: *Maloney*REPORT VERIFIED BY: *J. Guss*

REPORT PREPARED BY:

6/8/82

() CHANGE

DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 258

INCY SARA C	STATION #588	DATE 7-20-82
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TIME A - GRAB SAMPLE 0855	
TIME B - COMPOSITE SAMPLE	
COAP	BEGIN
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 South Creek at US 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	IN	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	45	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	28.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	-	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	7.3	FLUORIDES DISSOLVED	MG/L	950	0.43
COND LAB	µMHO/CM	95	5930				
TURBIDITY	NTU	76	1.3	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	200				
D.O. LAB	MG/L	300	**** (2.9)	Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	100 *				
FECAL MF	#/100ML	31616	80 *				
FEC STREB MF	#/100ML	31679	2600	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY: <u>[Signature]</u>			
REPORT PREPARED BY: <u>caw</u>				() CHANGE			
				DATE SUBMITTED			

7/26/82

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 258

AGENCY SARA C	STATION # <u>615</u>	DATE <u>7-20-82</u>
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TIME A - GRAB SAMPLE <u>0840</u>	
TIME B COMPOSITE SAMPLE	
COMP	STAIN
	END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION <u>Stream run #5</u> <u>South Creek above Dan</u> <u>Oscar Scherer ST. pa</u>		
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671
WIND DIR.	DEG	36	-	P TOT	MG/L	661
WIND VEL	MPH	35	0	NO2 N	MG/L	611
TEMP WATER	°C	10	28.0	(NO2+NO3)-N	MG/L	630
D.O.	MG/L	299	-	NH3 N	MG/L	608
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605
FIELD	STD	400	-	N KJEL (TKN)	MG/L	625
SALINITY	PPTH	480	-	N TOT	MG/L	600
pH LAB	STD	403	7.2	FLUORIDES DISSOLVED	MG/L	950
COND LAB	µMHO/CM	95	628			
TURBIDITY	NTU	76	1.8	Residue Non- Filter (TSS)	MG/L	530
COLOR	PtCo	80	200			
D.O. LAB	MG/L	300	*** 1.8	Residue Volatile Non- Filterable	MG/L	535
BOD	MG/L	310		(TSVS)		
COD	MG/L	335				
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able: (TSFS)		
COLI MF	#/100ML	31501	600 *			
FECAL MF	#/100ML	31616	510			
FEC STREB MF	#/100ML	31679	2100	Residue Fil- terable (TDS)	MG/L	70300
CHLORINE RESIDUE	MG/L			AGENCY	STD	27
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY: <u>J. Egan</u>		
REPORT PREPARED BY: <u>caw</u>				() CHANGE		
				DATE: <u>7/26/82</u>		

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 340

WATER QUALITY	STATION	DATE
SARA C	#588	9-27-82

TIME A - GRAB SAMPLE	
0955	
TIME B COMPOSITE SAMPLE	
COMP	END

DEPTH
1.5

EPA/ DER Approved, Lab ID. #FL035/EL036
PQRS Certified, Lab ID. #44037

REMARKS Very heavy runoff Flow

LOCATION Stream Run #5
South Creek & US 41 Bridge

*Estimated count.

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	45	P TOT	MG/L	665	
WIND VEL	MPH	35	5	NO2 N	MG/L	615	
TEMP WATER	°C	10	24.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299		NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
P FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	6.9	FLUORIDES DISSOLVED	MG/L	950	0.14
COND LAB	µMHO/CM	95	302				
TURBIDITY	NTU	76	2.3	TOTAL RESIDUE NON-FILTERABLE (TSS)	MG/L	530	
COLOR	PtCo	80	200				
D.O. LAB	MG/L	300		Residue Volatile NON-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)	MG/L	540	
CL MF	#/100ML	31501	1300*				
F-CAL MF	#/100ML	31616	900*				
STREEB MF	#/100ML	31679	2300	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT VERIFIED BY: J. L. L...

REPORT PREPARED BY:

caw

10/4/82

() CHANGE

DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 340

AGENCY SARA C	STATION #615	DATE 9-27-82
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TIME A - GRAB SAMPLE 0930	
TIME B - COMPOSITE SAMPLE	
COMP	STAIN
	IND

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DQRS Certified, Lab ID. #44037

REMARKS <i>Very heavy runoff Flow many observed growth in total plates</i> *Estimated count.				LOCATION <i>Stream run #5 South creek above dam at Oscar Scherer St. Park</i>			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	45	P TOT	MG/L	665	
WIND VEL	MPH	35	5	NO2 N	MG/L	615	
TEMP WATER	°C	10	24.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299		NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
p- FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	6.6	FLUORIDES DISSOLVED	MG/L	950	0.15
COND LAB	µMHO/CM	95	332				
TURBIDITY	NTU	76	1.8	TOTAL RESIDUE NON-FILTERABLE (TSS)	MG/L	530	
COLOR	PtCo	80	250				
D.O. LAB	MG/L	300		Residue Volatile NON- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)	MG/L	540	
C I MF	#/100ML	31501	1000*				
FECAL MF	#/100ML	31616	520				
STREB MF	#/100ML	31679	2200	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY: <i>J. Gunn</i>			
REPORT PREPARED BY: <i>caw</i>				() CHANGE			
10/4/82				DATE SUBMITTED			

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM

Lab# 372

AGENCY	STATION	DATE
SARA C	#588	10-18-82

TIME A - GRAB SAMPLE	
1015	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS <i>chl det in non linear range</i>				LOCATION <i>Stream run #5 South Creek at US 41 Bridge</i>			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.217
WIND DIR	DEG	36	90	P TOT	MG/L	665	0.364
WIND VEL	MPH	35	15	NO ₂ N	MG/L	615	0.038
TEMP WATER	°C	10	22.0	(NO ₂ +NO ₃)-N	MG/L	630	0.146
D.O..	MG/L	300	7.3	NH ₃ N	MG/L	608	0.221
COND	µMHO/CM	94	900	ORGANIC N	MG/L	605	1.550
pH FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	1.771
SALINITY	PPTH	480	0.5	N TOT	MG/L	600	1.917
pH LAB	STD	403	7.1	FLUORIDES DIS	MG/L	950	0.32
COND LAB	µMHO/CM	95	867				
TURBIDITY	NTU	76	4.5	CHL-A CORR	µg/l	32211	0.53
COLOR	PtCo	80	140	PHEO - A	µg/l	32218	0.00
D.O. LAB	MG/L	299		CHL - A	µg/l	32210	.06
BOD	MG/L	310		CHL - B	µg/l	32212	1.60
COD	MG/L	335		CHL - C	µg/l	32214	0.00
Transparency (Secchi)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	1.66
COLI MF	#/100 ML	31501	200 *	PHEO RATIO (OD 663) b/a		32219	10.00
FECAL MF	#/100 ML	31616	40 *				
FEC STREP MF	#/100 ML	31679	380	Residue Non-Filtrable (TSS)	MG/L	530	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY: <i>J. Green</i>			
REPORT PREPARED BY:				DATE SUBMITTED			
11/1/82				() CHANGE			

Sarasota County
Pollution Control Department

WATER QUALITY REPORT FORM Lab# 372

AGENCY SARA C	STATION #615	DATE 10-18-82
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TIME A - GRAB SAMPLE 0950	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS <i>Chl det in non linear range</i>				LOCATION <i>Stream Run #5 South Creek above dam in Oscar Scherer St. Park</i>			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	-	P ORTHO DISS	MG/L	671	0.203
WIND DIR	DEG	36	90	P TOT	MG/L	665	0.380
WIND VEL	MPH	35	10	NO ₂ N	MG/L	615	0.038
TEMP WATER	°C	10	24.0	(NO ₂ +NO ₃)-N	MG/L	630	0.164
D.O..	MG/L	300	*** (3.8)	NH ₃ N	MG/L	608	0.221
COND	µMHO/CM	94	1600 ^{np}	ORGANIC N	MG/L	605	1.947
pH FIELD	STD	400	7.1	N KJEL (TKN)	MG/L	625	2.168
SALINITY	PPTH	480	1.0	N TOT	MG/L	600	2.332
pH LAB	STD	403	7.1	FLUORIDES DIS	MG/L	950	6.27
COND LAB	µMHO/CM	95	679 ^{np}				
TURBIDITY	NTU	76	7.0	CHL-A CORR	µg/l	32211	0.53
COLOR	PtCo	80	130	PHEO - A	µg/l	32218	3.96
D.O. LAB	MG/L	299		CHL - A	µg/l	32210	2.64
BOD	MG/L	310		CHL - B	µg/l	32212	2.75
COD	MG/L	335		CHL - C	µg/l	32214	0.00
Transparency (Secchi)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	5.39
COLI MF	#/100 ML	31501	400 *	PHEO RATIO (OD 663) b/a		32219	1.08
FECAL MF	#/100 ML	31616	140 *				
FEC STREP MF	#/100 ML	31679	490	Residue Non-Filtrable (TSS)	MG/L	530	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Malovey</i>				REPORT VERIFIED BY: <i>J. Lynn</i>			
REPORT PREPARED BY:				DATE SUBMITTED			
11/1/82				() CHANGE			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 447

AGENCY SARA C	STATION #588	DATE 12-13-82
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TIME A - GRAB SAMPLE 0945	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
PFRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream run #5 South Creek at US 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	10	P TOT	MG/L	665	
WIND VEL	MPH	35	15	NO2 N	MG/L	615	
TEMP WATER	°C	10	17.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	7.1	NH3 N	MG/L	608	
COND	µMHO/CM	94	20500	ORGANIC N	MG/L	605	
pH FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	15.0	N TOT	MG/L	600	
pH LAB	STD	403	7.1	FLUORIDES DISSOLVED	MG/L	950	0.26
COND LAB	µMHO/CM	95	21900				
TURBIDITY	NTU	76	2.8	TOTAL RESIDUE NON-FILTERABLE (TSS)	MG/L	530	
COLOR	PtCo	80	60				
D.O. LAB	MG/L	300		Residue Volatile NON- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)	MG/L	540	
LI MF	#/100ML	31501	100*				
FECAL MF	#/100ML	31616	100*				
STREP MF	#/100ML	31679	2800	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Mabury</i>				REPORT VERIFIED BY: <i>John</i>			
REPORT PREPARED BY: <i>caw</i>							
12/21/82				() CHANGE DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 447

AGENCY SARA C	STATION # 615	DATE 12-13-82
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TIME A - GRAB SAMPLE 0930	
TIME B - COMPOSITE SAMPLE	
COMP	DEPTH 1.0
IND	

EPA/ DER Approved, Lab ID. #FL035/EL036
P RS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 South Creek above dam at Oscar Scherer ST. Park			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR-	DEG	36	10	P TOT	MG/L	665	
WIND VEL	MPH	35	15	NO2 N	MG/L	615	
TEMP WATER	°C	10	18.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 4.6	NH3 N	MG/L	608	
COND	µMHO/CM	94	1550	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	1.0	N TOT	MG/L	600	
pH LAB	STD	403	7.1	FLUORIDES DISSOLVED	MG/L	950	0.40
COND LAB	µMHO/CM	95	1520				
TURBIDITY	NTU	76	9.4	TOTAL RESIDUE NON-FILTERABLE (TSS)	MG/L	530	
COLOR	PtCo	80	70				
D.O. LAB	MG/L	300		Residue Volatile NON- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)	MG/L	540	
LI MF	#/100ML	31501	200 *				
FECAL MF	#/100ML	31616	110 *				
STREB MF	#/100ML	31679	2800 *	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY: <i>J. Sun</i>			
REPORT PREPARED BY: <i>caw</i>				() CHANGE			
12/21/82				DATE SUBMITTED			

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM

Lab# 41

AGENCY SARA C	STATION #588	DATE 2-14-83
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TIME A - GRAB SAMPLE 0920	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION Stream Run #5 South creek + vs 41 Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.60
WIND DIR	DEG	36	340 ✓	P TOT	MG/L	665	0.648
WIND VEL	MPH	35	10 ✓	NO ₂ N	MG/L	615	0.037
TEMP WATER	°C	10	15.0 ✓	(NO ₂ +NO ₃)-N	MG/L	630	0.238
D.O..	MG/L	300	6.4 ✓	NH ₃ N	MG/L	608	0.201
COND	µMHO/CM	94	1813 +450 ✓	ORGANIC N	MG/L	605	2.164
H FIELD	STD	400	400	N KJEL (TKN)	MG/L	625	2.365
SALINITY	PPTH	480	1.5 ✓	N TOT	MG/L	600	2.603
pH LAB	STD	403	7.39 ✓	FLUORIDES DIS	MG/L	950	
COND LAB	µMHO/CM	95	1628 ✓				
TURBIDITY	NTU	76	3.2 ✓	CHL-A CORR	µg/l	32211	
COLOR	PtCo	80	140 ✓	PHEO - A	µg/l	32218	
D.O. LAB	MG/L	299		CHL - A	µg/l	32210	
BOD	MG/L	310		CHL - B	µg/l	32212	
COD	MG/L	335		CHL - C	µg/l	32214	
Transparency (Secchi)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	
COLI MF	#/100 ML	31501		PHEO RATIO (OD 663) b/a		32219	
FECAL MF	#/100 ML	31616					
FEC STREP MF	#/100 ML	31679		Residue Non-Filtrable (TSS)	MG/L	530	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY: <i>Long</i>			
REPORT PREPARED BY:				() CHANGE			
2/24/83				DATE SUBMITTED			

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM

Lab# 41

AGENCY SARA C	STATION #615	DATE 2-14-83
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TIME A - GRAB SAMPLE 0900	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION Stream Run #5 South creek above dam at oscar Scheuer ST. Park			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	-	P ORTHO DISS	MG/L	671	1.174
WIND DIR	DEG	36	340	P TOT	MG/L	665	1.308
WIND VEL	MPH	35	10	NO ₂ N	MG/L	615	0.053
TEMP WATER	°C	10	15.5	(NO ₂ +NO ₃)-N	MG/L	630	0.225
D.O..	MG/L	300	5.6	NH ₃ N	MG/L	608	0.336
COND	µMHO/CM	94	519	ORGANIC N	MG/L	605	2.397
H FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	2.733
SALINITY	PPTH	480	0	N TOT	MG/L	600	2.958
pH LAB	STD	403	7.32	FLUORIDES DIS	MG/L	950	
COND LAB	µMHO/CM	95	563				
TURBIDITY	NTU	76	5.3	CHL-A CORR	µg/l	32211	
COLOR	PtCo	80	180	PHEO - A	µg/l	32218	
D.O. LAB	MG/L	299		CHL - A	µg/l	32210	
BOD	MG/L	310		CHL - B	µg/l	32212	
COD	MG/L	335		CHL - C	µg/l	32214	
Transparency (Secchi)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	
COLI MF	#/100 ML	31501		PHEO RATIO (OD 663) b/a		32219	
FECAL MF	#/100 ML	31616					
FEC STREP MF	#/100 ML	31679		Residue Non-Filtrable (TSS)	MG/L	530	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY: <u>Green</u>			
REPORT PREPARED BY:				() CHANGE			
2/24/83				DATE SUBMITTED			

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM

Lab# 64

AGENCY SARA C	STATION #588	DATE 3-1-83	TIME A - GRAB SAMPLE 1020	DEPTH 1.0
			TIME B COMPOSITE SAMPLE	
			COMP	BEGIN
				END

EPA/DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream run #5 South creek at US 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.616
WIND DIR	DEG	36	340	P TOT	MG/L	665	0.758
WIND VEL	MPH	35	25	NO ₂ N	MG/L	615	0.042
TEMP WATER	°C	10	18.0	(NO ₂ +NO ₃)-N	MG/L	630	0.221
D.O..	MG/L	300	6.6	NH ₃ N	MG/L	608	0.243
COND	µMHO/CM	94	1395	ORGANIC N	MG/L	605	2.174
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	2.417
SALINITY	PPTH	480	1.0	N TOT	MG/L	600	2.638
pH LAB	STD	403	7.2	FLUORIDES DIS	MG/L	950	
COND LAB	µMHO/CM	95	1397				
TURBIDITY	NTU	76	3.7	CHL-A CORR	µg/l	32211	
COLOR	PtCo	80	160	PHEO - A	µg/l	32218	
D.O. LAB	MG/L	299		CHL - A	µg/l	32210	
BOD	MG/L	310		CHL - B	µg/l	32212	
COD	MG/L	335		CHL - C	µg/l	32214	
Transparency (Secchi)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	
COLI MF	#/100 ML	31501		PHEO RATIO (OD 663) b/a		32219	
FECAL MF	#/100 ML	31616					
FEC STREP MF	#/100 ML	31679		Residue Non-Filtrable (TSS)	MG/L	530	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY: <i>5-18-83 Jm</i>			
REPORT PREPARED BY:				() CHANGE DATE SUBMITTED			

Sarasota County
Pollution Control Department

WATER QUALITY REPORT FORM Lab# 64

AGENCY SARA C	STATION #615	DATE 3-1-83	TIME A - GRAB SAMPLE 1000	DEPTH 1.0
			TIME B COMPOSITE SAMPLE	
			COMP	BEGIN END

EPA/DER Approved, Lab ID. #FL035/EL036

DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION Stream Run #5 South Creek above The dam in Osceola Scherer ST. Park			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	-	P ORTHO DISS	MG/L	671	0.817
WIND DIR	DEG	36	340	P TOT	MG/L	665	0.997
WIND VEL	MPH	35	25	NO ₂ N	MG/L	615	0.044
TEMP WATER	°C	10	18.0	(NO ₂ +NO ₃)-N	MG/L	630	0.221
D.O..	MG/L	300	5.4	NH ₃ N	MG/L	608	0.317
COND	µMHO/CM	94	535	ORGANIC N	MG/L	605	2.068
H FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	2.385
SALINITY	PPTH	480	0.0	N TOT	MG/L	600	2.606
pH LAB	STD	403	7.1	FLUORIDES DIS	MG/L	950	
COND LAB	µMHO/CM	95	442				
TURBIDITY	NTU	76	7.2	CHL-A CORR	µg/l	32211	
COLOR	PtCo	80	160	PHEO - A	µg/l	32218	
D.O. LAB	MG/L	299		CHL - A	µg/l	32210	
BOD	MG/L	310		CHL - B	µg/l	32212	
COD	MG/L	335		CHL - C	µg/l	32214	
Transparency (Secchi)	Meters	00078		CHL TOT (A+B+C)	µg/l	32216	
COLI MF	#/100 ML	31501		PHEO RATIO (OD 663) b/a		32219	
FECAL MF	#/100 ML	31616					
FEC STREP MF	#/100 ML	31679		Residue Non-Filtrable (TSS)	MG/L	530	
FLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY: <i>Rm 5-8-83</i>			
REPORT PREPARED BY:				() CHANGE DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 188

AGENCY	STATION	DATE
SARA C	24-01-0588	3-26-83

TIME A - GRAB SAMPLE	
0915	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #5</u> <u>South Creek at US 41 Bridge</u>			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.369
WIND DIR	DEG	36	-	P TOT	MG/L	665	0.440
WIND VEL	MPH	35	0	NO2 N	MG/L	615	<0.020
TEMP WATER	°C	10	19.5	(NO2+NO3)-N	MG/L	630	0.236
D.O.	MG/L	299	5.0	NH3 N	MG/L	608	0.090
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	1.356
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.446
SALINITY	PPTH	480	-	N TOT	MG/L	600	1.682
pH LAB	STD	403	7.2	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	575				
TURBIDITY	NTU	76	2.5	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	140				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<1000 *				
FECAL MF	#/100ML	31616	350				
FEC STREP MF	#/100ML	31679	910 *	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>M. Lopez</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. L. L...</u>				() CHANGE			
4/2/84				DATE SUBMITTED			

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 154

AGENCY SARA C	STATION 24 01 0588	DATE 4-6-83	TIME A - GRAB SAMPLE 0855	DEPTH 1.0
			TIME B - COMPOSITE SAMPLE	
			COMP	BOD
				END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 South Creek & US 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	110	P TOT	MG/L	665	
WIND VEL	MPH	35	5	NO2 N	MG/L	615	
TEMP WATER	°C	10	23.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	5.8	NH3 N	MG/L	608	
COND	µMHO/CM	94	830	ORGANIC N	MG/L	605	
FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	0.5	N TOT	MG/L	600	
pH LAB	STD	403	7.4	FLUORIDES DISSOLVED	MG/L	950	0.32
COND LAB	µMHO/CM	95	743				
TURBIDITY	NTU	76	3.1	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	80				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	90*				
FC STREP MF	#/100ML	31679	250	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY: <u>LM 6-22-83</u>			
REPORT PREPARED BY: <u>CW</u>				() CHANGE DATE SUBMITT			

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 154

AGENCY Sarasota C	STATION 24 01 0615	DATE 4-6-83	TIME & - GRAB SAMPLE 0840	DEPTH 1.0
			TIME & COMPOSITE SAMPLE	
			COMP	END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 South Creek above dam w Oscar Scherer St. Park			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	90	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	23.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	5.0	NH3 N	MG/L	608	
COND	µMHO/CM	94	730	ORGANIC N	MG/L	605	
LA FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	0.0	N TOT	MG/L	600	
pH LAB	STD	403	7.2	FLUORIDES DISSOLVED	MG/L	950	0.30
COND LAB	µMHO/CM	95	666				
TURBIDITY	NTU	76	2.7	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	160				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	NA				
FECAL MF	#/100ML	31616	110*				
EC STREP MF	#/100ML	31679	310	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Moloney</i>				REPORT VERIFIED BY: <i>J. Lum</i>			
REPORT PREPARED BY: <i>CBW</i>				DATE SUBMITTED: <i>4-22-83</i>			
				() CHANGE			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 233

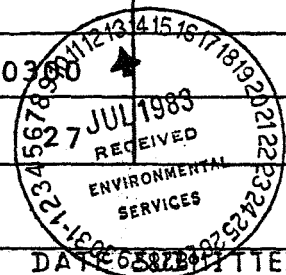
AGENCY	STATION	DATE
SARA C	24-01-0615	5-28-83

TIME A - GRAB SAMPLE	
1010	
TIME B - COMPOSITE SAMPLE	
COMP	BEOM
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 South Creek above dam at Oscar Scherer St. Park			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	26.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 4.1	NH3 N	MG/L	608	
COND	µMHO/CM	94	1225	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	1.0	N TOT	MG/L	600	
pH LAB	STD	403	7.5	FLUORIDES DISSOLVED	MG/L	950	0.44
COND LAB	µMHO/CM	95	1009	SULFATE DISSOLVED	MG/L	946	239.3
TURBIDITY	NTU	76	9.7	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	60				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	60*				
FEC STREP MF	#/100ML	31679	19000*	Residue Fil- terable (TDS)	MG/L	703	
CHLORINE RESIDUE	MG/L			AGENCY	STD		
SAMPLE TAKEN BY: <i>[Signature]</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>[Signature]</i>				() CHANGE			



WATER QUALITY REPORT FORM

Lab # 287

AGENCY	STATION	DATE
RA C	2401-0588	6-20-83

TIME A - GRAB SAMPLE	
0950	
TIME B COMPOSITE SAMPLE	
COMP	BEOW
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #5</u> <u>South Creek at US 41 Bridge</u>			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	IN	P ORTHO DISS	MG/L	671	0.377
WIND DIR	DEG	36	180	P TOT	MG/L	665	0.525
WIND VEL	MPH	35	3	NO2 N	MG/L	615	0.034
TEMP WATER	°C	10	28.0	(NO2+NO3)-N	MG/L	630	0.089
D.O.	MG/L	299	*** 2.5	NH3 N	MG/L	608	0.040
COND	µMHO/CM	94	34400	ORGANIC N	MG/L	605	1.349
1 FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.389
SALINITY	PPTH	480	23.5	N TOT	MG/L	600	1.478
PH LAB	STD	403	7.8	FLUORIDES DISSOLVED	MG/L	950	0.67
COND LAB	µMHO/CM	95	28548	SULFATE DISSOLVED	MG/L	946	151.8
TURBIDITY	NTU	76	3.8	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	55				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	50*				
FEC STREP MF	#/100ML	31679	1600*	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY <u>Malone</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. K. [Signature]</u>				<u>LM 9-13-83</u>			
6/27/83				() CHANGE			
				DATE SUBMITTED			

WATER QUALITY REPORT FORM

Lab # 287

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
IRA C	24-01-0615	6-20-83	0930	1.0
			TIME B COMPOSITE SAMPLE	
			COMP	BEGIN
				END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION			
*Estimated count.				Stream Run #5 South Creek above dam at Oscar Scheerer ST. Park			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	0.259
WIND DIR	DEG	36	6	P TOT	MG/L	665	0.481
WIND VEL	MPH	35	0	NO2 N	MG/L	615	0.122
TEMP WATER	°C	10	26.0	(NO2+NO3)-N	MG/L	630	0.508
D.O.	MG/L	299	*** 3.4	NH3 N	MG/L	608	0.061
COND	µMHO/CM	94	980	ORGANIC N	MG/L	605	1.244
FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.305
SALINITY	PPTH	480	0.5	N TOT	MG/L	600	1.813
pH LAB	STD	403	7.4	FLUORIDES DISSOLVED	MG/L	950	0.36
COND LAB	µMHO/CM	95	978	SULFATE DISSOLVED	MG/L	946	185.3
TURBIDITY	NTU	76	5.1	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	110				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	< 100 *				
FECAL MF	#/100ML	31616	45 *				
FEC STREP MF	#/100ML	31679	550 *	Residue Fil- terable (TDS)	MG/L	70300	
FLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Mafaney</u>				REPORT VERIFIED BY: <u>Lm 9-13-83</u>			
REPORT PREPARED BY: <u>Johny</u>				() CHANGE			
4/27/83				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 361

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0588	7-27-83	0940	1.0
			TIME B - COMPOSITE SAMPLE	
			COMP	BEGIN
				END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 South Creek & US 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	27.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	5.0	NH3 N	MG/L	608	
COND	µMHO/CM	94	12900	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	8.0	N TOT	MG/L	600	
pH LAB	STD	403	7.8	FLUORIDES DISSOLVED	MG/L	950	0.68
COND LAB	µMHO/CM	95	17438	SULFATE DISSOLVED	MG/L	946	824.0
TURBIDITY	NTU	76		Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	65				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<1000*				
FECAL MF	#/100ML	31616	300*				
FEC STREP MF	#/100ML	31679	14000*	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Malone</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>caw</i>				() CHANGE			
8/1/83				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 361

AGENCY SARA C	STATION 24-01-0615	DATE 7-27-83	TIME A - GRAB SAMPLE 0920	DEPTH 1.0
			TIME B COMPOSITE SAMPLE	
			COMP	BEOM
			END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 South Creek above dam AT Oscar Scherer ST. Park			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	26.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 4.8	NH3 N	MG/L	608	
COND	µMHO/CM	94	980	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	1.0	N TOT	MG/L	600	
pH LAB	STD	403	7.5	FLUORIDES DISSOLVED	MG/L	950	0.47
COND LAB	µMHO/CM	95	1077	SULFATE DISSOLVED	MG/L	946	260.9
TURBIDITY	NTU	76		Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	80				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	na				
FECAL MF	#/100ML	31616	*** 2300				
FEC STREP MF	#/100ML	31679	29000	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. L. Caw</i>				() CHANGE			
8/1/83				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 427

AGENCY	STATION	DATE
SARA C	24-01-0588	8-29-83

TIME A - GRAB SAMPLE		DEPTH 1.0
0915		
TIME B - COMPOSITE SAMPLE		
COMP	BEGIN	
	END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 South Creek at US 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	0.042
TEMP WATER	°C	10	28.0	(NO2+NO3)-N	MG/L	630	0.274
D.O.	MG/L	299	*** 2.4	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	7.4	FLUORIDES DISSOLVED	MG/L	950	0.43
COND LAB	µMHO/CM	95	6259	SULFATE DISSOLVED	MG/L	946	303.9
TURBIDITY	NTU	76	2.2	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	160				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	20*				
FEC STREP MF	#/100ML	31679	57000	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>M. Wong</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. [Signature]</i>							
01/1/82				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 427

AGENCY SARA C	STATION 24-01-0615	DATE 8-29-83
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TIME A - GRAB SAMPLE 0850		DEPTH 1.0
TIME B - COMPOSITE SAMPLE		
COMP	BEGIN END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 South Creek above dam in Oscar Schever St. Park			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	.053
TEMP WATER	°C	10	27.0	(NO2+NO3)-N	MG/L	630	.365
D.O.	MG/L	299	*** 2.7	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	7.2	FLUORIDES DISSOLVED	MG/L	950	0.31
COND LAB	µMHO/CM	95	553	SULFATE DISSOLVED	MG/L	946	96.4
TURBIDITY	NTU	76	2.3	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	200				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	30				
FEC STREP MF	#/100ML	31679	97000	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Mahway</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. L. W.</u>				DATE SUBMITTED: <u>9/2/02</u>			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 514

AGENCY SARA C	STATION 2401-0588	DATE 10-11-83	TIME A - GRAB SAMPLE 1055	DEPTH 1.0
EPA/ DER Approved, Lab ID. #FL035/EL036 DHRS Certified, Lab ID. #44037			TIME B COMPOSITE SAMPLE	
			COMP	BEGIN END

REMARKS *Estimated count.				LOCATION <i>Stream Run #5</i> <i>South creek at us 41 Bridge</i>			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.462
WIND DIR	DEG	36	45	P TOT	MG/L	665	-
WIND VEL	MPH	35	5	NO2 N	MG/L	615	0.021
TEMP WATER	°C	10	27.5	(NO2+NO3)-N	MG/L	630	0.264
D.O.	MG/L	299	*** 2.9	NH3 N	MG/L	608	0.743
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	-
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	-
SALINITY	PPTH	480	-	N TOT	MG/L	600	-
pH LAB	STD	403	7.6	FLUORIDES DISSOLVED	MG/L	950	0.62
COND LAB	µMHO/CM	95	18489				
TURBIDITY	NTU	76	4.0	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	70				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335	489.2				
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<1000*				
FECAL MF	#/100ML	31616	140*				
FEC STREP MF	#/100ML	31679	5800*	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>M. J. Jolley</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. Jolley</i>				() CHANGE			
10/18/83				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 514

AGENCY SARA C	STATION 24-01-615	DATE 10-11-83
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EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

TIME A - GRAB SAMPLE 1045	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

REMARKS *Estimated count.				LOCATION Stream Run #5 south creek above do oscar scheven ST. park		
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671
WIND DIR	DEG	36	45	P TOT	MG/L	57
WIND VEL	MPH	35	5	NO2 N	MG/L	613
TEMP WATER	°C	10	24.5	(NO2+NO3)-N	MG/L	630
D.O.	MG/L	299	**3.8	NH3 N	MG/L	608
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625
SALINITY	PPTH	480	-	N TOT	MG/L	600
pH LAB	STD	403	7.3	FLUORIDES DISSOLVED	MG/L	950
COND LAB	µMHO/CM	95	803			
TURBIDITY	NTU	76	4.8	Residue Non- Filter (TSS)	MG/L	530
COLOR	PtCo	80	120			
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535
BOD	MG/L	310				
COD	MG/L	335	48.0			
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)		
COLI MF	#/100ML	31501	< 1000 *			
FECAL MF	#/100ML	31616	460			
FEC STREP MF	#/100ML	31679	70000	Residue Fil- terable (TDS)	MG/L	70300
CHLORINE RESIDUE	MG/L			AGENCY	STD	27
SAMPLE TAKEN BY: Mahwe				REPORT VERIFIED BY:		
REPORT PREPARED BY: [Signature]				() CHANGE		
10/18/83				DATE S		

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 580

AGENCY	STATION	DATE
SARA C	24-01-0588	11-14-83

TIME A - GRAB SAMPLE		DEPTH 1.0
0945		
TIME B - COMPOSITE SAMPLE		
COMP	BEGIN	
	END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS QA Note: TKN recovery between 127.4% and 98.7% *Estimated count.				LOCATION Stream Run #5 South Creek at US 41 Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.336
WIND DIR	DEG	36	45	P TOT	MG/L	665	0.449
WIND VEL	MPH	35	3	NO2 N	MG/L	615	0.031
TEMP WATER	°C	10	16.5	(NO2+NO3)-N	MG/L	630	0.234
D.O.	MG/L	299	***4.3	NH3 N	MG/L	608	0.164
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	1.747
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.911
SALINITY	PPTH	480	-	N TOT	MG/L	600	2.145
pH LAB	STD	403	7.3	FLUORIDES DISSOLVED	MG/L	950	0.38
COND LAB	µMHO/CM	95	1007				
TURBIDITY	NTU	76	2.2	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	140				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335	67.7				
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<1000 *				
FECAL MF	#/100ML	31616	340				
FEC STREP MF	#/100ML	31679	406 *	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>M. J. Gray</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. Gray</i>				() CHANGE			
11/28/83				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 580

AGENCY	STATION	DATE
SARA C	24-01-0615	11-14-83

TIME A - GRAB SAMPLE		DEPTH 1.0
0930		
TIME B COMPOSITE SAMPLE		
COMP	BEGIN	
	END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS QA Note: TKN recovery between 127.4% and 98.7% *Estimated count.				LOCATION Stream Run #5 South Creek Above dam in Oscar Scherer St. Park			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	0.366
WIND DIR	DEG	36	45	P TOT	MG/L	665	0.508
WIND VEL	MPH	35	8	NO2 N	MG/L	615	0.031
TEMP WATER	°C	10	17.0	(NO2+NO3)-N	MG/L	630	0.273
D.O.	MG/L	299	5.7	NH3 N	MG/L	608	0.225
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	1.686
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.911
SALINITY	PPTH	480	-	N TOT	MG/L	600	2.184
pH LAB	STD	403	7.4	FLUORIDES DISSOLVED	MG/L	950	0.34
COND LAB	µMHO/CM	95	553				
TURBIDITY	NTU	76	3.2	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	130				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335	69.8				
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	na				
FECAL MF	#/100ML	31616	*** 1100				
FEC STREP MF	#/100ML	31679	2300	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>M. Lopez</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. Lopez</i>				() CHANGE			
11/28/83				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 622

TIME A - GRAB SAMPLE

0910

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH

1.0

AGENCY
SARA C

STATION

24-01-0588

DATE

12-7-83

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #5</u> <u>South Creek at US 41 Bridge</u>			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	40043	<u>OUT</u>	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	<u>45</u>	P TOT	MG/L	665	
WIND VEL	MPH	35	<u>5</u>	NO2 N	MG/L	615	
TEMP WATER	°C	10	<u>20.0</u>	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	<u>6.0</u>	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	<u>7.6</u>	FLUORIDES DISSOLVED	MG/L	950	<u>0.57</u>
COND LAB	µMHO/CM	95	<u>11175</u>				
TURBIDITY	NTU	76	<u>3.4</u>	Residue Non-Filterable (TSS)	MG/L	530	
COLOR	PtCo	80	<u>100</u>				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<u><1000*</u>				
FECAL MF	#/100ML	31616	<u>220</u>				
FEC STREP MF	#/100ML	31679	<u>560</u>	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>M. Wong</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. Lush</u>				() CHANGE			
<u>12/12/83</u>				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 622

AGENCY SARA C	STATION 24-01-0615	DATE 12-7-83	TIME A - GRAB SAMPLE 0900	DEPTH 1.0
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION Stream Run #5 South Creek above dam in Oscar Scherer St. Park			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	45	P TOT	MG/L	665	
WIND VEL	MPH	35	5	NO2 N	MG/L	615	
TEMP WATER	°C	10	20.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 4.0	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	7.4	FLUORIDES DISSOLVED	MG/L	950	040
COND LAB	µMHO/CM	95	786				
TURBIDITY	NTU	76	4.5	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	120				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	< 1000 *				
FECAL MF	#/100ML	31616	250				
FEC STREP MF	#/100ML	31679	580	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>[Signature]</u>				() CHANGE			
12/12/83				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 61

AGENCY SARA C	STATION 24-01-0588	DATE 2-1-84
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TIME A - GRAB SAMPLE 0745		DEPTH 1.0
TIME B COMPOSITE SAMPLE		
COMP	BEGIN END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 South Creek at US 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	45	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	14.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	6.5	NH3 N	MG/L	608	
COND	µMHO/CM	94	7500	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	5.5	N TOT	MG/L	600	
pH LAB	STD	403	7.5	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	8929				
TURBIDITY	NTU	76	4.1	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	80				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<1000*				
FECAL MF	#/100ML	31616	330				
FEC STREP MF	#/100ML	31679	800*	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Mahoney</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. Guez</i>				() CHANGE			
2/6/84				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 61

AGENCY SARA C	STATION 24-01-0615	DATE 2-1-84
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EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

TIME A - GRAB SAMPLE 0730	
TIME B COMPOSITE SAMPLE	
COMP	SECON END

DEPTH
1.0

REMARKS

*Estimated count.

LOCATION Stream Run #5
South Creek Above dam in
Osceola Scherer ST. Park

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	100043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	45	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	615	
TEMP WATER	°C	10	13.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	5.5	NH3 N	MG/L	608	
COND	µMHO/CM	94	250	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	0.5	N TOT	MG/L	600	
pH LAB	STD	403	7.4	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	941				
TURBIDITY	NTU	76	5.7	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	100				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<1000 *				
FECAL MF	#/100ML	31616	290				
FEC STREP MF	#/100ML	31679	1800 *	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: M. J. Mosey

REPORT PREPARED BY: J. J. Mosey

2/6/84

REPORT VERIFIED BY:

() CHANGE

DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 188

AGENCY SARA C	STATION 24-01-0615	DATE 3-26-84
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TIME A - GRAB SAMPLE 0900	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH 1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION Stream Run #5 South Creek above the dam at Oscar Scheuer St. Park			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	0.338
WIND DIR	DEG	36	-	P TOT	MG/L	665	0.396
WIND VEL	MPH	35	0	NO2 N	MG/L	615	<0.020
TEMP WATER	°C	10	19.0	(NO2+NO3)-N	MG/L	630	0.224
D.O.	MG/L	299	4.6	NH3 N	MG/L	608	0.080
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	1.288
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.368
SALINITY	PPTH	480	-	N TOT	MG/L	600	1.592
pH LAB	STD	403	7.2	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	466				
TURBIDITY	NTU	76	1.5	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	140				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<1000 *				
FECAL MF	#/100ML	31616	370				
FEC STREP MF	#/100ML	31679	130 *	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>M. J. [Signature]</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>[Signature]</u>				() CHANGE			
4/2/84				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 253

AGENCY SARA C	STATION 24-01-0588	DATE 4-25-84
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TIME A - GRAB SAMPLE 0810	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN END

DEPTH 1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 South creek at US 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	20.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	5.3	NH3 N	MG/L	608	
COND	µMHO/CM	94	8000	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.3	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	5.0	N TOT	MG/L	600	
pH LAB	STD	403	7.2	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	7497 7250				
TURBIDITY	NTU	76	4.0 3.7	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	80				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	< 100 *				
FECAL MF	#/100ML	31616	10 *				
FEC STREP MF	#/100ML	31679	140 *	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Mabrey</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. L...</u>				() CHANGE			
4/30/84				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 253

AGENCY	STATION	DATE
SARA C	24-01-0615	4-24-84

TIME A - GRAB SAMPLE		DEPTH 1.0
0745		
TIME B COMPOSITE SAMPLE		
COMP	BEGIN	
	END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 South Creek above dam at Oscar Schever St. Park			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	—	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	—	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	20.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	4.8	NH3 N	MG/L	608	
COND	µMHO/CM	94	900	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.2	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	0.5	N TOT	MG/L	600	
pH LAB	STD	403	7.2	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	961				
TURBIDITY	NTU	76	5.9	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	100				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<1000 *				
FECAL MF	#/100ML	31616	140 *				
FEC STREP MF	#/100ML	31679	500 *	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maggie</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>Quay</u>				() CHANGE			
4/30/84				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 309

AGENCY SARA C	STATION 24-01-0588	DATE 5-29-84
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TIME A - GRAB SAMPLE 0855		DEPTH 1.0
TIME B COMPOSITE SAMPLE		
COMP	BEGIN END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION <i>Stream Run #5</i> <i>South Creek at US 41 Bridge</i>			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	<i>W</i>	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	<i>27.0</i>	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	<i>*** 3.4</i>	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	<i>7.3</i>	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	<i>7.6</i>	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	<i>40502</i>				
TURBIDITY	NTU	76	<i>2.6</i>	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	<i>35</i>				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<i><100*</i>				
FECAL MF	#/100ML	31616	<i>20*</i>				
FEC STREP MF	#/100ML	31679	<i>3000</i>	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>[Signature]</i>				() CHANGE			
<i>6/4/84</i>				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 309

AGENCY SARA C	STATION 24-01-0615	DATE 5-29-84
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TIME A - GRAB SAMPLE 0840		DEPTH 1.0
TIME B COMPOSITE SAMPLE		
COMP	BEGIN END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS *Estimated count.				LOCATION Stream Run #5 South Creek above dam in Oscar Scherer St. park			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	24.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	3.9	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.2	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	7.6	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	1112				
TURBIDITY	NTU	76	7.7	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	80				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<1000 *				
FECAL MF	#/100ML	31616	270				
FEC STREP MF	#/100ML	31679	>10000 *	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>M. Lode</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>L. Lode</i>				() CHANGE			
6/4/84				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 361

TIME A - GRAB SAMPLE	
1130	
TIME B - COMPOSITE SAMPLE	
COMP	BEON
	END

AGENCY	STATION	DATE
SARA C	24-01-0588	6-19-84

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS QANote: TKN spike recovery 112.3%

*Estimated count.

LOCATION Stream Run #5
South Creek at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	007	P ORTHO DISS	MG/L	671	0.430
WIND DIR	DEG	36	210	P TOT	MG/L	665	0.566
WIND VEL	MPH	35	5	NO2 N	MG/L	615	< 0.020
TEMP WATER	°C	10	28.0	(NO2+NO3)-N	MG/L	630	0.061
D.O.	MG/L	299	5.0	NH3 N	MG/L	608	0.308
COND	µMHO/CM	94	9400	ORGANIC N	MG/L	605	0.902
PH FIELD	STD	400	7.2	N KJEL (TKN)	MG/L	625	1.210
SALINITY	PPTH	480	5.5	N TOT	MG/L	600	1.271
PH LAB	STD	403	7.3	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	10624				
TURBIDITY	NTU	76	2.1	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	100				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	< 1000 *				
FECAL MF	#/100ML	31616	110 *				
FEC STREP MF	#/100ML	31679	2000	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: *Maloney*

REPORT PREPARED BY: *J. L. H.*

7/5/84

REPORT VERIFIED BY:

() CHANGE

DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 361

AGENCY SARA C	STATION 24-01-0615	DATE 6-19-84
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TIME A - GRAB SAMPLE 1115	
TIME B COMPOSITE SAMPLE	
COMP	BEOM
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS QA Note: TKN spike recovery 112.3%

*Estimated count.

LOCATION Stream Run #5
South Creek above The dam
in Oscar Scherer St. Park

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	0.399
WIND DIR	DEG	36	210	P TOT	MG/L	665	0.498
WIND VEL	MPH	35	5	NO2 N	MG/L	615	0.020
TEMP WATER	°C	10	26.0	(NO2+NO3)-N	MG/L	630	0.098
D.O.	MG/L	299	6.7	NH3 N	MG/L	608	0.040
COND	µMHO/CM	94	590	ORGANIC N	MG/L	605	1.130
pH FIELD	STD	400	6.9	N KJEL (TKN)	MG/L	625	1.170
SALINITY	PPTH	480	0.0	N TOT	MG/L	600	1.268
pH LAB	STD	403	7.5	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	572				
TURBIDITY	NTU	76	1.7	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	110				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<100 *				
FECAL MF	#/100ML	31616	30 *				
FEC STREP MF	#/100ML	31679	1100 *	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT VERIFIED BY:

REPORT PREPARED BY: J. Green

() CHANGE

DATE SUBMITTED

7/5/84

WATER QUALITY REPORT FORM Lab # 410

AGENCY SARA C	STATION 2401-0588	DATE 7-23-84	TIME A - GRAB SAMPLE 0945	DEPTH 1.0
EPA/ DER Approved, Lab ID. #FL035/EL036 DHRS Certified, Lab ID. #44037			TIME B - COMPOSITE SAMPLE	
			COMP	FROM END

REMARKS QA. Note: Average TKN Spike recovery 120.65%

LOCATION Stream Run #5
South creek at US 41 Bridge.

*Estimated count.

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.589
WIND DIR	DEG	36	45	P TOT	MG/L	665	0.798
WIND VEL	MPH	35	5	NO2 N	MG/L	630	<0.020
TEMP WATER	°C	10	27.0	(NO2+NO3)-N	MG/L	630	<0.020
D.O.	MG/L	299	**** 2.5	NH3 N	MG/L	608	0.132
COND	µMHO/CM	94	670	ORGANIC N	MG/L	605	1.609
9 FIELD	STD	400	6.8	N KJEL (TKN)	MG/L	625	1.741
SALINITY	PPTH	480	0.5	N TOT	MG/L	600	1.741
pH LAB	STD	403	7.0	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	789				
TURBIDITY	NTU	76	1.1	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	220				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	20*				
FEC STREP MF	#/100ML	31679	100*	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Malone</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. Smith</i>				() CHANGE			
7/30/84				DATE SUBMITTED			

WATER QUALITY REPORT FORM Lab # 410

AGENCY	STATION	DATE
SARA C	24-01-0615	7-23-84

TIME A - GRAB SAMPLE	
0930	
TIME B COMPOSITE SAMPLE	
COMP	FROM
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS QA Note: Average TKN Spike recovery 120.65%

*Estimated count.

LOCATION Stream Run #5
South Creek above dam in
oscar scherer st. Park

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	0.620
WIND DIR	DEG	36	45	P TOT	MG/L	665	0.85
WIND VEL	MPH	35	5	NO2 N	MG/L	630	< 0.020
TEMP WATER	°C	10	27.0	(NO2+NO3)-N	MG/L	630	< 0.020
D.O.	MG/L	299	*** 2.1	NH3 N	MG/L	608	0.081
COND	µMHO/CM	94	340	ORGANIC N	MG/L	605	1.543
B FIELD	STD	400	6.7	N KJEL (TKN)	MG/L	625	1.624
SALINITY	PPTH	480	0.0	N TOT	MG/L	600	1.624
pH LAB	STD	403	6.9	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	333				
TURBIDITY	NTU	76	1.3	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	220				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	< 100 *				
FECAL MF	#/100ML	31616	50 *				
FEC STREP MF	#/100ML	31679	500 *	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: J. J. J.

7/30/84

REPORT VERIFIED BY:

() CHANGE

DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 459

AGENCY SARA C	STATION 24-01-0588	DATE 8-15-84	TIME A - GRAB SAMPLE 0850	DEPTH 1.0
			TIME B COMPOSITE SAMPLE	
			BEGIN	
			COMP	END

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 South Creek at 0841 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	630	
TEMP WATER	°C	10	28.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	3.7	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
H FIELD	STD	400	6.3	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	7.8	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	18586				
TURBIDITY	NTU	76	2.8	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	60				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	40*				
FEC STREP MF	#/100ML	31679	2800	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Mabsey</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. L. Smith</u>				() CHANGE			
8/21/84				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 459

AGENCY SARA C	STATION 24-01-0615	DATE 8-15-84
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TIME A - GRAB SAMPLE 0835	
TIME B COMPOSITE SAMPLE	
COMP	BEOM END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS <i>more Turbid Than usual</i>				LOCATION <i>Stream Run #5</i>			
*Estimated count.				<i>South Creek above The</i>			
<i>dam in Oscar Scher Park</i>							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	630	
TEMP WATER	°C	10	26.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	**** 4.0	NH3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	6.8	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	-	N TOT	MG/L	600	
pH LAB	STD	403	7.5	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	979				
TURBIDITY	NTU	76	9.5	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	100				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	N.A				
FECAL MF	#/100ML	31616	140*				
FEC STREP MF	#/100ML	31679	1300*	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. L. L...</i>				() CHANGE			
8/21/84				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 497

AGENCY SARA C	STATION 24-01-0588	DATE 9-10-84
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TIME A - GRAB SAMPLE 0935	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS TKN - RECOVERY - 117.5% *Estimated count.				LOCATION Stream Run #5 South Creek at US 41 Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	IN	P ORTHO DISS	MG/L	671	0.24
WIND DIR	DEG	36	300	P TOT	MG/L	665	0.181
WIND VEL	MPH	35	10	NO2 N	MG/L	630	0.0
TEMP WATER	°C	10	27.5	(NO2+NO3)-N	MG/L	630	n.a
D.O.	MG/L	299	6.6	NH3 N	MG/L	608	0.010
COND	µMHO/CM	94	38100	ORGANIC N	MG/L	605	1.302
FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.312
SALINITY	PPTH	480	24.5	N TOT	MG/L	600	
pH LAB	STD	403	8.0	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	40540				
TURBIDITY	NTU	76	2.3	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	40				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<100 *				
FECAL MF	#/100ML	31616	30 *				
FEC STREP MF	#/100ML	31679	12000 *	Residue Filterable (TDS)	MG/L	70300	
FLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>M. Jones</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. Smith</u> 9/19/84				() CHANGE DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 497

AGENCY ARA C	STATION 24-01-0615	DATE 9-10-84	TIME A - GRAB SAMPLE 0915	DEPTH 1.0
			TIME B COMPOSITE SAMPLE	
			COMP	BEOM
			END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS TKN-RECOVERY-117.5 % *Estimated count.				LOCATION Stream Run #5 South creek above The dam IN Oscar Scherer ST. Park			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	0.103
WIND DIR	DEG	36	300	P TOT	MG/L	665	0.281
WIND VEL	MPH	35	10	NO2 N	MG/L	630	0.0
TEMP WATER	°C	10	26.0	(NO2+NO3)-N	MG/L	630	n.a.
D.O.	MG/L	299	5.8	NH3 N	MG/L	608	0.040
COND	µMHO/CM	94	1100	ORGANIC N	MG/L	605	0.978
H FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	1.018
SALINITY	PPTH	480	1.0	N TOT	MG/L	600	
pH LAB	STD	403	7.6	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	1070				
TURBIDITY	NTU	76	8.4	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	60				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	<1000 *				
FECAL MF	#/100ML	31616	150 *				
FEC STREP MF	#/100ML	31679	2200	Residue Fil- terable (TDS)	MG/L	70300	
HLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>M. L. ...</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. ...</i>				() CHANGE			
9/19/84				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 596

AGENCY	STATION	DATE
SARA C	24-01-0588	10-29-84

TIME A - GRAB SAMPLE	
0900	
TIME B - COMPOSITE SAMPLE	
COMP	BEOM
	END

DEPTH

1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <u>Stream Run #5 South creek at us 41 Bridge</u>			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT	P ORTHO DISS	MG/L	671	0.133
WIND DIR	DEG	36	90	P TOT	MG/L	665	0.843
WIND VEL	MPH	35	5	NO2 N	MG/L	630	0.0
TEMP WATER	°C	10	27.0	(NO2+NO3)-N	MG/L	630	0.013
D.O.	MG/L	299	6.6	NH3 N	MG/L	608	0.040
COND	µMHO/CM	94	40400	ORGANIC N	MG/L	605	0.656
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	0.696
SALINITY	PPTH	480	25.0	N TOT	MG/L	600	0.709
pH LAB	STD	403	7.9	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	44010				
TURBIDITY	NTU	76	1.9	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	20				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	30*				
FEC STREP MF	#/100ML	31679	3500	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. D. Dwyer</u>				() CHANGE			
11/7/84				DATE SUBMITTED			

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 596

AGENCY SARA C	STATION 24-01-0615	DATE 10-29-84
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TIME A - GRAB SAMPLE 0845	
TIME B - COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH 1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION <i>Stream Run #5 South Creek above the dam in State park</i>			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-	P ORTHO DISS	MG/L	671	0.184
WIND DIR	DEG	36	90	P TOT	MG/L	665	0.426
WIND VEL	MPH	35	5	NO2 N	MG/L	630	0.0
TEMP WATER	°C	10	25.0	(NO2+NO3)-N	MG/L	630	0.038
D.O.	MG/L	299	3.7	NH3 N	MG/L	608	0.070
COND	µMHO/CM	94	3600	ORGANIC N	MG/L	605	0.790
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	0.860
SALINITY	PPTH	480	2.5	N TOT	MG/L	600	0.898
pH LAB	STD	403	7.6	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	3650				
TURBIDITY	NTU	76	7.6	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	60				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	60*				
FEC STREP MF	#/100ML	31679	1400*	Residue Fil-terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Malone</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. L. L...</i>				() CHANGE			
11/7/84				DATE SUBMITTED			

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 682

AGENCY LA C	STATION 24-01-0588	DATE 12-12-84	TIME A - GRAB SAMPLE 0930	DEPTH 1.0
			TIME B - COMPOSITE SAMPLE	
			COMP	DIOM
			END	

EPA/ DER Approved, Lab ID. #FL035/EL036
 DHRS Certified, Lab ID. #44037

REMARKS Tide-outgoing

K = <

L = >

J = Estimated Count

LOCATION Stream Run #5 South
Creek at us 41 Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	5000 J	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	650	
TEMP WATER	°C	10	18.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	8.3	NH3 N	MG/L	608	
COND	µMHO/CM	94	36210	ORGANIC N	MG/L	605	
FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	23.0	N TOT	MG/L	600	
pH LAB	STD	403	8.0	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	38453				
TURBIDITY	NTU	76	2.2	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	30				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	100 J				
FECAL MF	#/100ML	31616	50 J				
FEC STREP MF	#/100ML	31679	420	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: *M. L. Jones*REPORT PREPARED BY: *J. L. Jones*

12/17/84

REPORT VERIFIED BY:

() CHANGE

DATE SUBMITTED

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 682

AGENCY A C	STATION 24-01-0615	DATE 12-12-84	TIME A - GRAB SAMPLE 0915	DEPTH 1.0
			TIME B - COMPOSITE SAMPLE	
			COMP	
			END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 South Creek above The dam in Oscar schereu ST. Park			
K = < L = > J = Estimated Count							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	—	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	—	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	650	
TEMP WATER	°C	10	17.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	6.7	NH3 N	MG/L	608	
COND	µMHO/CM	94	1310	ORGANIC N	MG/L	605	
FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	1.0	N TOT	MG/L	600	
pH LAB	STD	403	7.7	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	1236				
TURBIDITY	NTU	76	8.5	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	65				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	100 J				
FECAL MF	#/100ML	31616	40 J				
FEC STREP MF	#/100ML	31679	740	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Moloney</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. L. L.</i>				() CHANGE			
12/17/84				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 66

AGENCY	STATION	DATE
SARA C	24-01-0588	1-30-85

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

TIME A - GRAB SAMPLE		DEPTH 1.0
0955		
TIME B COMPOSITE SAMPLE		
COMP	SEDM	
	END	

REMARKS				LOCATION Stream Run #5 South Creek - at US 41 Bridge			
K = < L = > J = Estimated Count							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	1000 J	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	200	P TOT	MG/L	665	
WIND VEL	MPH	35	10	NO2 N	MG/L	630	
TEMP WATER	°C	10	17.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	7.2	NH3 N	MG/L	608	
COND	µMHO/CM	94	35120	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	22.0	N TOT	MG/L	600	
pH LAB	STD	403	8.3	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	38453				
TURBIDITY	NTU	76	1.1	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	25				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	K 100				
FECAL MF	#/100ML	31616	K 10				
FEC STREP MF	#/100ML	31679	205	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. Shun</u> 2/1/85				() CHANGE DATE SUBMITTED			

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 66

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0615	1-30-85	0940	1.0
			TIME B COMPOSITE SAMPLE	
			COMP	END

EPA/ DER Approved, Lab ID. #FL035/EL036
 DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 South creek above dam in Oscar Scherer St. Park			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	—	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	200	P TOT	MG/L	665	
WIND VEL	MPH	35	10	NO2 N	MG/L	630	
TEMP WATER	°C	10	16.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	7.8	NH3 N	MG/L	608	
COND	µMHO/CM	94	1340	ORGANIC N	MG/L	605	
PH FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	1.0	N TOT	MG/L	600	
pH LAB	STD	403	7.7	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	1348				
TURBIDITY	NTU	76	6.8	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	60				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	K 100				
FECAL MF	#/100ML	31616	70 J				
WEC STREP MF	#/100ML	31679	K 10	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Malaga</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. L. L.</i> 2/1/85				() CHANGE DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 117

AGENCY	STATION	DATE
SARA C	24-01-0588	2-19-85

TIME & GRAV SAMPLE	
0930	
TIME & COMPOSITE SAMPLE	
COMP	BEOM
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS QA NOTE: TKN Spike recovery average
K = < 112.4%
L = >
J = Estimated Count

LOCATION Stream Run #5
South Creek at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J	P ORTHO DISS	MG/L	671	0.112 0.4058
WIND DIR	DEG	36	30	P TOT	MG/L	665	0.143
WIND VEL	MPH	35	5	NO2 N	MG/L	650	0.000
TEMP WATER	°C	10	18.5	(NO2+NO3)-N	MG/L	630	0.038
D.O.	MG/L	299	8.8	NH3 N	MG/L	608	0.041
COND	µMHO/CM	94	32180	ORGANIC N	MG/L	605	0.668
H FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	0.709
SALINITY	PPTH	480	20.0	N TOT	MG/L	600	0.747
PH LAB	STD	403	8.1	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	37961				
TURBIDITY	NTU	76	1.3	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	30				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	K100				
FECAL MF	#/100ML	31616	20 J				
FEC STREP MF	#/100ML	31679	50 J	Residue Fil- terable (TDS)	MG/L	70300	
FLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: M. Money

REPORT PREPARED BY: J. Guty

REPORT VERIFIED BY:

3/5/85

() CHANGE

DATE SUBMITTED

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 112

AGENCY SARA C	STATION 24-01-0615	DATE 2-19-85
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TIME A - GRAB SAMPLE 0915	
TIME B COMPOSITE SAMPLE	
COMP	DEON
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS QA NOTE: TKN average Spike recovery 112.4% K = < L = > J = Estimated Count				LOCATION Stream Run #5 South creek above The dam in Oscar Scherer St. Park			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	—	P ORTHO DISS	MG/L	671	0.112
WIND DIR	DEG	36	30	P TOT	MG/L	665	0.204
WIND VEL	MPH	35	5	NO2 N	MG/L	650	0.000
TEMP WATER	°C	10	17.0	(NO2+NO3)-N	MG/L	630	0.000
D.O.	MG/L	299	6.8	NH3 N	MG/L	608	0.030
COND	µMHO/CM	94	1310	ORGANIC N	MG/L	605	0.698
H FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	0.728
SALINITY	PPTH	480	0.5	N TOT	MG/L	600	0.728
pH LAB	STD	403	7.8	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	1348				
TURBIDITY	NTU	76	5.5	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	55				
D.O. LAB	MG/L	300		Residue Volatile Non-Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	2100				
FECAL MF	#/100ML	31616	50 J				
FEC STREP MF	#/100ML	31679	40 J	Residue Filterable (TDS)	MG/L	70300	
FLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>M. Hays</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. Hays</i> 3/5/85				() CHANGE DATE SUBMITTED			

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 282

AGENCY JARA C	STATION 24-01-0588	DATE 4-15-85	TIME A - GRAB SAMPLE 0930	DEPTH 1.0
EPA/ DER Approved, Lab ID. #FL035/EL036 DHRS Certified, Lab ID. #44037			TIME B COMPOSITE SAMPLE	
			COMP	BOD

REMARKS RECOVERY TKN-117.9%

K = <

L = >

J = Estimated Count

LOCATION Stream Run #5

South Creek at us 41 Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	1000 J	P ORTHO DISS	MG/L	671	0.223
WIND DIR	DEG	36	-	P TOT	MG/L	665	7.9
WIND VEL	MPH	35	0	NO2 N	MG/L	615	0.000
TEMP WATER	°C	10	25.0	(NO2+NO3)-N	MG/L	630	0.000
D.O.	MG/L	299	5.2	NH3 N	MG/L	608	0.070
COND	µMHO/CM	94	35000	ORGANIC N	MG/L	605	0.827
H FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	0.897
SALINITY	PPTH	480	23.5	N TOT	MG/L	600	0.897
PH LAB	STD	403	7.8	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	39813				
TURBIDITY	NTU	76	1.8	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	30				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	100 K				
FECAL MF	#/100ML	31616	40 J				
FEC STREP MF	#/100ML	31679	1000 L	Residue Fil- terable (TDS)	MG/L	70300	
HLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. Guay</u>				() CHANGE			
4/22/85				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 282

AGENCY SARA C	STATION 24-01-0615	DATE 4-15-85	TIME A - DEAD SAMPLE 0915	DEPTH 1.0
EPA/ DER Approved, Lab ID. #FL035/EL036 DHRS Certified, Lab ID. #44037			TIME B - COMPOSITE SAMPLE	
			COMP	BND

REMARKS TKN- RECOVERY 117.9% LOCATION Stream Run #5
K = South creek above dam
L =
J = Estimated Count W Oscar Scherer St. Park

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	-	P ORTHO DISS	MG/L	671	0.172
WIND DIR	DEG	36	-	P TOT	MG/L	665	0.280
WIND VEL	MPH	35	0	NO2 N	MG/L	615	0.000
TEMP WATER	°C	10	23.0	(NO2+NO3)-N	MG/L	630	0.025
D.O.	MG/L	299	***3.9	NH3 N	MG/L	608	0.020
COND	µMHO/CM	94	1560	ORGANIC N	MG/L	605	0.977
H FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	0.997
SALINITY	PPTH	480	1.0	N TOT	MG/L	600	1.022
pH LAB	STD	403	7.8	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	1266				
TURBIDITY	NTU	76	5.1	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	60				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	1000 K				
FECAL MF	#/100ML	31616	130 J				
FEC STREP MF	#/100ML	31679	690	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: <u>2094</u>	REPORT VERIFIED BY:
REPORT PREPARED BY: <u>4/22/85</u>	() CHANGE DATE SUBMITTED

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 322

AGENCY ARA C	STATION 24-01-0588	DATE 5-1-85	TIME A - GRAB SAMPLE 0815	DEPTH 1.0
			TIME B - COMPOSITE SAMPLE	
			COMP BION END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 South Creek at US 41 Bridge			
K = < L = > J = Estimated Count							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	1000 J	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	45	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	630	
TEMP WATER	°C	10	25.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 4.5	NH3 N	MG/L	608	
COND	µMHO/CM	94	35000	ORGANIC N	MG/L	605	
H FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	22.5	N TOT	MG/L	600	
pH LAB	STD	403	8.0	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	40377				
TURBIDITY	NTU	76	1.5	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	25				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	100 K				
FECAL MF	#/100ML	31616	10 K				
FEC STREP MF	#/100ML	31679	1800 J	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>M. J. J.</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. J.</i>				() CHANGE			
5/6/85				DATE SUBMITTED			

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 322

AGENCY ARA C	STATION 24-01-0615	DATE 5-1-85	TIME A - GRAB SAMPLE 0800	DEPTH 1.0
			TIME B - COMPOSITE SAMPLE	
			COMP	END

EPA/ DER Approved, Lab ID. #FL035/EL036
 DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 South Creek above the dam in Oscar Scherer St. Park			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	-	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	45	P TOT	MG/L	665	
WIND VEL	MPH	35	3	NO2 N	MG/L	630	
TEMP WATER	°C	10	22.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 2.6	NH3 N	MG/L	608	
COND	µMHO/CM	94	1580	ORGANIC N	MG/L	605	
H FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	0.5	N TOT	MG/L	600	
pH LAB	STD	403	7.6	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	1423	Residue Non- Filter (TSS)	MG/L	530	
TURBIDITY	NTU	76	5.6	Residue Volatile Non- Filterable (TSVS)	MG/L	535	
COLOR	PtCo	80	60	Residue, Fixed Non-Filter- able (TSFS)			
D.O. LAB	MG/L	300		Residue Fil- terable (TDS)	MG/L	70300	
BOD	MG/L	310		AGENCY	STD	27	
COD	MG/L	340					
Transparency (Secchi)	Meters	00078					
COLI MF	#/100ML	31501	100 K				
FECAL MF	#/100ML	31616	30 J				
FEC STREP MF	#/100ML	31679	800 J				
CHLORINE RESIDUE	MG/L						
SAMPLE TAKEN BY: <i>M. Lowe</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. Guen</i>				() CHANGE			
5/6/85				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 358

AGENCY	STATION	DATE
SARA C	24-01-0588	5-22-85

TIME A - GRAB SAMPLE	
0850	
TIME B - COMPOSITE SAMPLE	
COMP	BEON
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Rwy #5 South Creek at US 41 Bridge			
*Estimated count.							
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	29.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	2.8	NH3 N	MG/L	608	
COND	µMHO/CM	94	39810	ORGANIC N	MG/L	605	
pH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	26.0	N TOT	MG/L	600	
pH LAB	STD	403	7.8	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	47619				
TURBIDITY	NTU	76	2.4	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	25				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	100 K				
FECAL MF	#/100ML	31616	10 K				
FEC STREP MF	#/100ML	31679	1800 J	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. Quinn</i>				() CHANGE			
5/24/85				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 358

AGENCY SARA C	STATION 24-01-0615	DATE 5-22-85
------------------	-----------------------	-----------------

TIME & DATE SAMPLE 0830	
TIME & COMPOSITE SAMPLE	
COMP	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 south creek above dam in Oscar Scherer St. Park			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	30	WTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	26.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	2.2	NH3 N	MG/L	608	
COND	µMHO/CM	94	4410	ORGANIC N	MG/L	605	
PH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	2.0	N TOT	MG/L	600	
pH LAB	STD	403	7.6	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	47440				
TURBIDITY	NTU	76	3.0	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	45 60				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	200 J				
FECAL MF	#/100ML	31616	110 J				
FEC STREP MF	#/100ML	31679	400 J	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>M. G. G.</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>J. G. G.</i>				() CHANGE			
5/24/85				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 389

AGENCY	STATION	DATE
SARA C	24-01-0588	7-22-85

TIME A - GRAB SAMPLE	
0920	
TIME B COMPOSITE SAMPLE	
COMP	BEGIN
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS K = < L = > J = Estimated Count				LOCATION Stream Run #5 South Creek at US 41 Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	27.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	3.9	NH3 N	MG/L	608	
COND	µMHO/CM	94	37500	ORGANIC N	MG/L	605	
PH FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	32.0	N TOT	MG/L	600	
pH LAB	STD	403	7.8	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	42315				
TURBIDITY	NTU	76	2.0	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	30				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	1000 K				
FECAL MF	#/100ML	31616	300 J				
EC STREP MF	#/100ML	31679		Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <u>Maloney</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <u>J. Lupo</u>				() CHANGE			
7/24/85				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 301

AGENCY	STATION	DATE
SARA C	24-00-0615	7-22-85

TIME A - GRAB SAMPLE	
09:20	
TIME B - COMPOSITE SAMPLE	
COMP	DEON
	END

DEPTH
1.0

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS				LOCATION Stream Run #5 South Creek above The dam at Oscar Scherer St. Park			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	—	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	—	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	26.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 4.0	NH3 N	MG/L	608	
COND	µMHO/CM	94	3920	ORGANIC N	MG/L	605	
pH FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	2.0	N TOT	MG/L	600	
pH LAB	STD	403	7.6	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	4359				
TURBIDITY	NTU	76	1.8	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	55				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	100				
FECAL MF	#/100ML	31616	800 J				
FEC STREP MF	#/100ML	31679		Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>Smith</i>				() CHANGE			
7/24/85				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 490

AGENCY SARA C	STATION 24-01-0588	DATE 9-3-85	TIME A - GRAB SAMPLE 0940	DEPTH 1.0
			TIME B - COMPOSITE SAMPLE	
			COMP	BEOM
			END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS K = < L = > J = Estimated Count				LOCATION Stream Run #5 South Creek at US 41 Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	27.5	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	3.7	NH3 N	MG/L	608	
COND	µMHO/CM	94	10850	ORGANIC N	MG/L	605	
FIELD	STD	400	-	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	6.5	N TOT	MG/L	600	
pH LAB	STD	403	7.4	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	12695				
TURBIDITY	NTU	76	2.7	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	240				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	100 K				
FECAL MF	#/100ML	31616	10 K				
FEC STREP MF	#/100ML	31679	2600	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>M. Lowery</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>Quen</i>				() CHANGE			
9/5/85				DATE SUBMITTED			

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 490

AGENCY SARA C	STATION 24-01-0615	DATE 9-3-85
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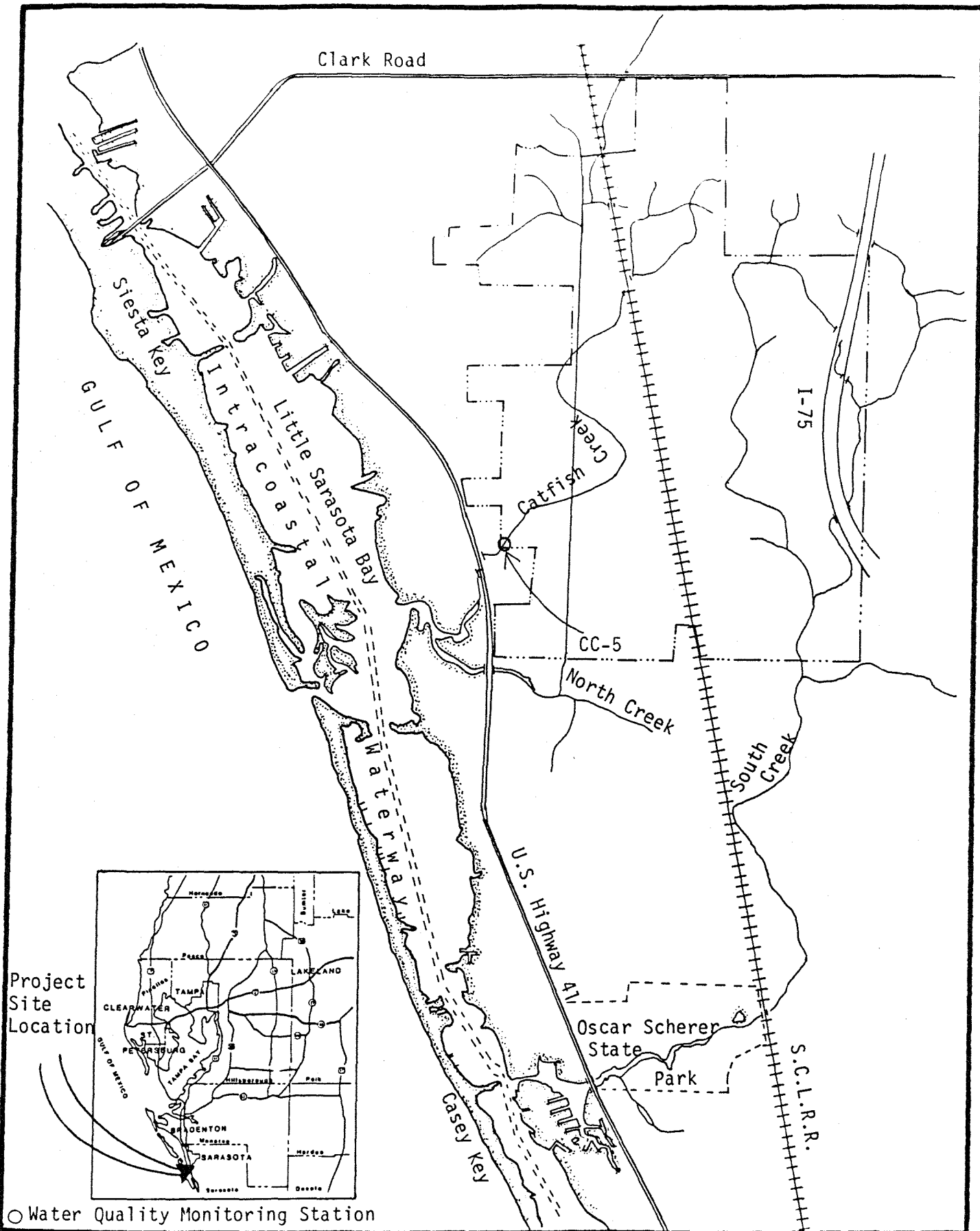
TIME A - GRAB SAMPLE 0925		DEPTH 1.0
TIME B - COMPOSITE SAMPLE		
COMP	BEGIN	
	END	

EPA/ DER Approved, Lab ID. #FL035/EL036
DHRS Certified, Lab ID. #44037

REMARKS K = < L = > J = Estimated Count				LOCATION Stream Run #5 South Creek above The dam at Oscar Scherer St Park			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	—	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	—	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO2 N	MG/L	615	
TEMP WATER	°C	10	28.0	(NO2+NO3)-N	MG/L	630	
D.O.	MG/L	299	*** 3.8	NH3 N	MG/L	608	
COND	µMHO/CM	94	610	OR NIC N	MG/L	605	
FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	0.0	N TOT	MG/L	600	
pH LAB	STD	403	7.3	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	717				
TURBIDITY	NTU	76	2.7	Residue Non- Filter (TSS)	MG/L	530	
COLOR	PtCo	80	280				
D.O. LAB	MG/L	300		Residue Volatile Non- Filterable (TSVS)	MG/L	535	
BOD	MG/L	310					
COD	MG/L	340					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filter- able (TSFS)			
COLI MF	#/100ML	31501	1000 K				
FECAL MF	#/100ML	31616	200 J				
FEC STREP MF	#/100ML	31679	2800	Residue Fil- terable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	
SAMPLE TAKEN BY: <i>Maloney</i>				REPORT VERIFIED BY:			
REPORT PREPARED BY: <i>Shurt</i>				() CHANGE			
9/5/85				DATE SUBMITTED			

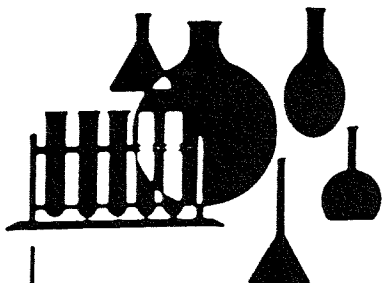
EXHIBIT M

Results of
Surface Water Quality Monitoring
in Catfish Creek
(Conservation Consultants, Inc., 1985)
During September, 1985



SAMPLING SITE LOCATION IN CATFISH CREEK
Station CC-5





Conservation Consultants Inc.

P.O. Box 35 • Palmetto, Florida 33561 • 813/722-6668
LABORATORY I.D. NO. 0380-502/329/UC1085

REPORT TO: Palmer Venture SOURCE OF SAMPLE: Surface Water
7184 Beneva Road SAMPLE LOCATION: Palmer Ranch
Sarasota, FL 33583 (North Tract)
ATTN: Thomas W. Goodell
DATE OF SAMPLING: September 16, 1985
SAMPLED BY: R. Odell, M. Phelps

Page 1 of 3

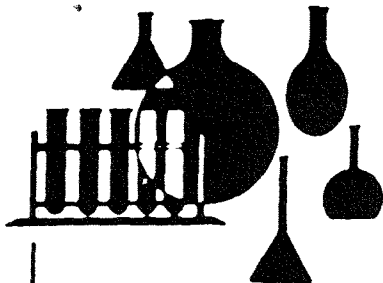
RESULTS OF ANALYSIS	CC4	CC5	EL1	NC6
Laboratory Number	02020	02021	02022	02023
Sample Time	0735	1007	0825	0938
Biochemical Oxygen Demand, BOD, 5-day	9.3	0.9	14.8	2.8
Cadmium, Total, as Cd	0.0011	<0.0008	<0.0008	0.0009
Chromium, Total, as Cr	<0.05	<0.05	<0.05	<0.05
Coliform, Fecal (per 100 ml)	12,000	500	3,200	500
Coliform, Total (per 100 ml)	>1,000,000	34,000 ***	>1,000,000	44,000
Copper, Total, as Cu	0.013	0.011	0.011	0.015
Lead, Total, as Pb	<0.01	<0.01	0.02	<0.01
Nickel, Total, as Ni	0.02	0.02	0.02	0.01
Nitrogen, Ammonia, as N	0.07	0.07	0.21	0.24
Nitrogen, Total Kjeldahl, as N	2.81	1.64	11.92	2.08
Nitrogen, Nitrate, as N	0.04	0.28	0.06	0.02
Nitrogen, Nitrite, as N	<0.01	<0.01	<0.01	<0.01
Nitrogen, Total, as N	2.85	1.92	11.98	2.10
Phosphate, Ortho, as P	0.20	0.23	0.51	0.12
Phosphate, Total, as P	0.41	0.28	3.14	0.23
Solids, Total Suspended (TSS) at 105°C	29	7	207	19
Turbidity (NTU)	2.0	1.6	24	4.9
Zinc, Total, as Zn	0.012	0.005	0.036	0.012

RESULTS EXPRESSED IN mg/l (ppm) UNLESS OTHERWISE DESIGNATED

Respectfully submitted by:

Suzanne Morse
Supervisor/Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and/or other EPA approved methods unless otherwise designated.



Conservation Consultants Inc.

P.O. Box 35 • Palmetto, Florida 33561 • 813/722-6668

LABORATORY I.D. NO. 0380-502/329/UC1085

REPORT TO: Palmer Venture SOURCE OF SAMPLE: Surface Water
7184 Beneva Road SAMPLE LOCATION: Palmer Ranch
Sarasota, FL 33583 (North Tract)
ATTN: Thomas W. Goodell

DATE OF SAMPLING: September 16, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 2 of 3

RESULTS OF ANALYSIS	CC4	CC5	EL1	NC6
Conductivity (umhos/cm) (field)	903	839	645	741
Dissolved Oxygen (field)	0.4	7.7	0.7	0.6
pH (pH units) (field)	6.9	7.5	6.8	6.4
Temperature (°C) (field)	25.2	25.3	24.1	23.4

ANALYSIS BY OUTSIDE LABORATORY^a

Arsenic, Total, as As	0.012	0.007	<0.005	<0.005
Mercury, Total, as Hg	<0.0002	<0.0002	0.0003	0.0004
Oil and Grease	<1	<1	14.7	1
Pesticides, Organochlorine				
Aldrin (ug/l)	<0.003	<0.003	<0.003	<0.003
alpha-BHC (ug/l)	<0.005	<0.005	<0.005	<0.005
beta-BHC (ug/l)	<0.005	<0.005	<0.005	<0.005
delta-BHC (ug/l)	<0.005	<0.005	<0.005	<0.005
gamma-BHC (ug/l)	<0.005	<0.005	<0.005	<0.005
Chlordane (ug/l)	<0.01	<0.01	<0.01	<0.01
4,4'-DDD (ug/l)	<0.03	<0.03	<0.03	<0.03
4,4'-DDE (ug/l)	<0.01	<0.01	<0.01	<0.01
4,4'-DDT (ug/l)	<0.001	<0.001	<0.001	<0.001
Dieldrin (ug/l)	<0.003	<0.003	<0.003	<0.003

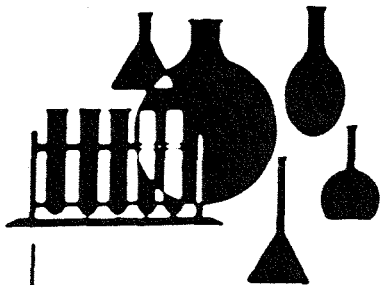
RESULTS EXPRESSED IN mg/l (ppm) UNLESS OTHERWISE DESIGNATED

Respectfully submitted by:

^aData Report on File.

Dorothy Morse
Supervisor/Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and/or other EPA approved methods unless otherwise designated.



Conservation Consultants Inc.

P.O. Box 35 • Palmetto, Florida 33561 • 813/722-6668
LABORATORY I.D. NO. 0380-502/329/UC1085

REPORT TO: Palmer Venture SOURCE OF SAMPLE: Surface Water
7184 Beneva Road SAMPLE LOCATION: Palmer Ranch
Sarasota, FL 33583 (North Tract)
ATTN: Thomas W. Goodell

DATE OF SAMPLING: September 16, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 3 of 3

RESULTS OF ANALYSIS	CC4	CC5	EL1	NC6
Pesticides, Organochlorine (con'd)				
Endosulfan Alpha (ug/l)	<0.003	<0.003	<0.003	<0.003
Endosulfan Beta (ug/l)	<0.003	<0.003	<0.003	<0.003
Endosulfan Sulfate (ug/l)	<0.3	<0.3	<0.3	<0.3
Endrin (ug/l)	<0.004	<0.004	<0.004	<0.004
Endrin Aldehyde (ug/l)	<0.03	<0.03	<0.03	<0.03
Heptachlor (ug/l)	<0.001	<0.001	<0.001	<0.001
Heptachlor Epoxide (ug/l)	<0.005	<0.005	<0.005	<0.005
Toxaphene (ug/l)	<0.005	<0.005	<0.005	<0.005
Polychlorinated Biphenyls (ug/l)	<0.001	<0.001	<0.001	<0.001

CCI's Florida Department of Health and Rehabilitative Services (FDHRS)
Laboratory Certification ID Number is 84243.

RESULTS EXPRESSED IN mg/l (ppm) UNLESS OTHERWISE DESIGNATED

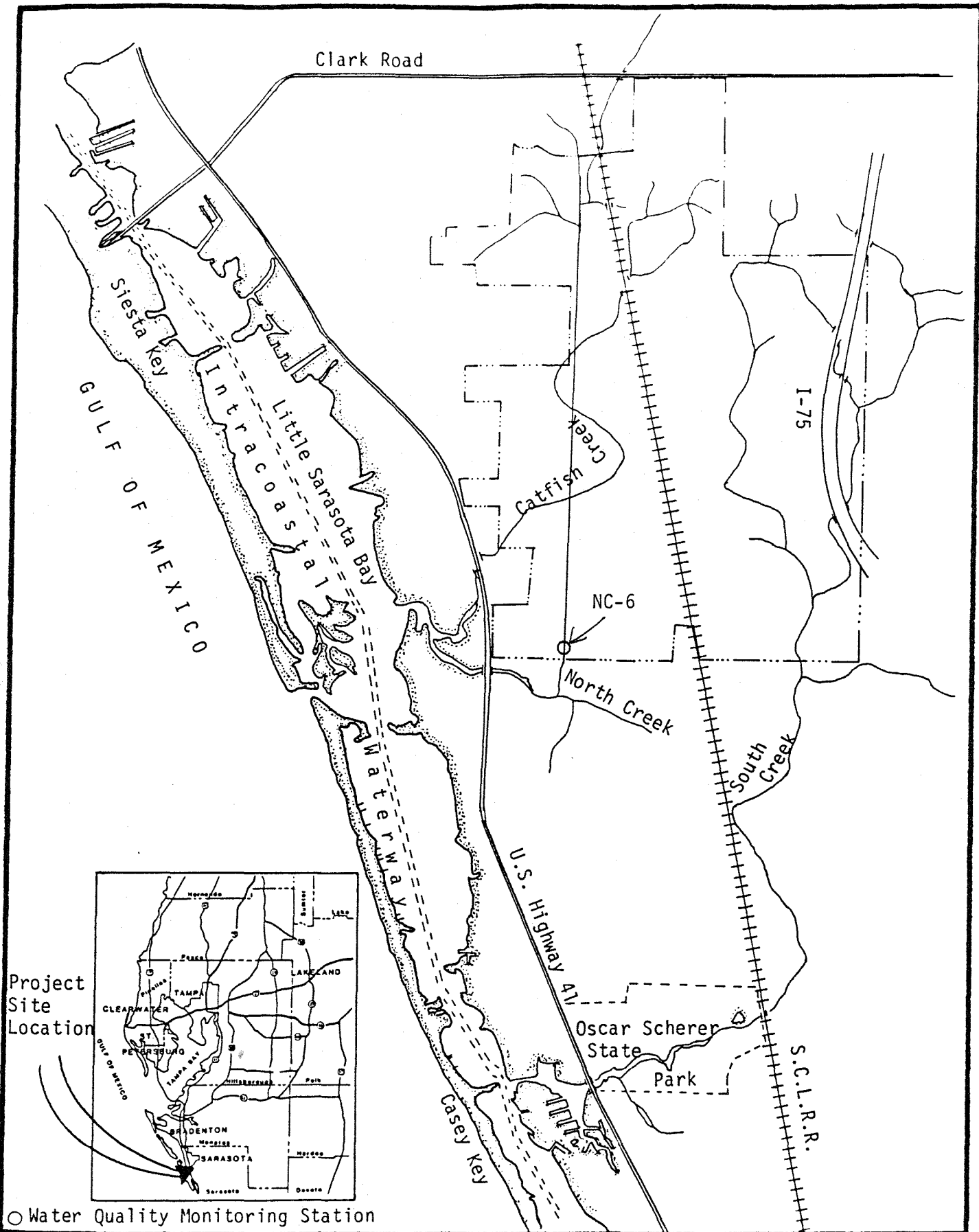
Respectfully submitted by:

Dorothy Morse
Supervisor/Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and/or other EPA approved methods unless otherwise designated.

EXHIBIT N

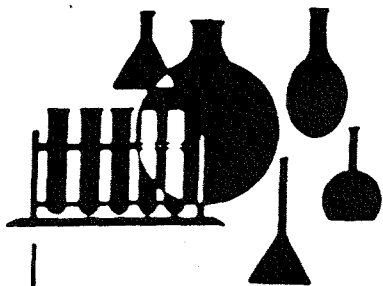
Results of
Surface Water Quality Monitoring
in North Creek
(Conservation Consultants, Inc., 1985)
During September, 1985



SAMPLING SITE LOCATION IN NORTH CREEK

Station NC-6





Conservation Consultants Inc.

P.O. Box 35 • Palmetto, Florida 33561 • 813/722-6668
LABORATORY I.D. NO. 0380-502/329/UC1085

REPORT TO: Palmer Venture SOURCE OF SAMPLE: Surface Water
7184 Beneva Road SAMPLE LOCATION: Palmer Ranch
Sarasota, FL 33583 (North Tract)
ATTN: Thomas W. Goodell

DATE OF SAMPLING: September 16, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 1 of 3

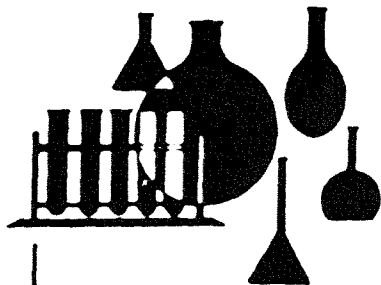
RESULTS OF ANALYSIS	CC4	CC5	EL1	NC6
Laboratory Number	02020	02021	02022	02023
Sample Time	0735	1007	0825	0938
Biochemical Oxygen Demand, BOD, 5-day	9.3	0.9	14.8	2.8
Cadmium, Total, as Cd	0.0011	<0.0008	<0.0008	0.0009
Chromium, Total, as Cr	<0.05	<0.05	<0.05	<0.05
Coliform, Fecal (per 100 ml)	12,000	500	3,200	500
Coliform, Total (per 100 ml)	>1,000,000	34,000	>1,000,000	44,000 ****
Copper, Total, as Cu	0.013	0.011	0.011	0.015
Lead, Total, as Pb	<0.01	<0.01	0.02	<0.01
Nickel, Total, as Ni	0.02	0.02	0.02	0.01
Nitrogen, Ammonia, as N	0.07	0.07	0.21	0.24
Nitrogen, Total Kjeldahl, as N	2.81	1.64	11.92	2.08
Nitrogen, Nitrate, as N	0.04	0.28	0.06	0.02
Nitrogen, Nitrite, as N	<0.01	<0.01	<0.01	<0.01
Nitrogen, Total, as N	2.85	1.92	11.98	2.10
Phosphate, Ortho, as P	0.20	0.23	0.51	0.12
Phosphate, Total, as P	0.41	0.28	3.14	0.23
Solids, Total Suspended (TSS) at 105°C	29	7	207	19
Turbidity (NTU)	2.0	1.6	24	4.9
Zinc, Total, as Zn	0.012	0.005	0.036	0.012

RESULTS EXPRESSED IN mg/l (ppm) UNLESS OTHERWISE DESIGNATED

Respectfully submitted by:

Dorothy Morse
Supervisor/Chemist/Biologist

METHODS: "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA and WPCF and/or other EPA approved methods unless otherwise designated.



Conservation Consultants Inc.

R.O. Box 35 • Palmetto, Florida 33561 • 813/722-6668

LABORATORY I.D. NO. 0380-502/329/UC1085

REPORT TO: Palmer Venture

SOURCE OF SAMPLE: Surface Water

7184 Beneva Road

SAMPLE LOCATION: Palmer Ranch

Sarasota, FL 33583

(North Tract)

ATTN: Thomas W. Goodell

DATE OF SAMPLING: September 16, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 2 of 3

RESULTS OF ANALYSIS

	CC4	CC5	EL1	NC6
Conductivity (umhos/cm) (field)	903	839	645	741
Dissolved Oxygen (field)	0.4	7.7	0.7	0.6 ***
pH (pH units) (field)	6.9	7.5	6.8	6.4
Temperature (°C) (field)	25.2	25.3	24.1	23.4

ANALYSIS BY OUTSIDE LABORATORY^a

Arsenic, Total, as As	0.012	0.007	<0.005	<0.005
Mercury, Total, as Hg	<0.0002	<0.0002	0.0003	0.0004 ***
Oil and Grease	<1	<1	14.7	1
Pesticides, Organochlorine				
Aldrin (ug/l)	<0.003	<0.003	<0.003	<0.003
alpha-BHC (ug/l)	<0.005	<0.005	<0.005	<0.005
beta-BHC (ug/l)	<0.005	<0.005	<0.005	<0.005
delta-BHC (ug/l)	<0.005	<0.005	<0.005	<0.005
gamma-BHC (ug/l)	<0.005	<0.005	<0.005	<0.005
Chlordane (ug/l)	<0.01	<0.01	<0.01	<0.01
4,4'-DDD (ug/l)	<0.03	<0.03	<0.03	<0.03
4,4'-DDE (ug/l)	<0.01	<0.01	<0.01	<0.01
4,4'-DDT (ug/l)	<0.001	<0.001	<0.001	<0.001
Dieldrin (ug/l)	<0.003	<0.003	<0.003	<0.003

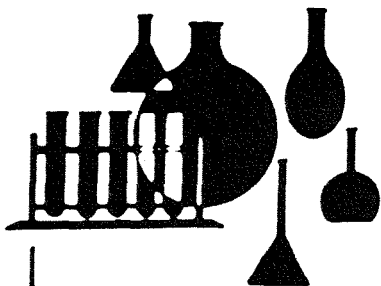
RESULTS EXPRESSED IN mg/l (ppm) UNLESS OTHERWISE DESIGNATED

Respectfully submitted by:

^aData Report on File.

Dorothy Morse
Supervisor/Chemist/Biologist

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LABORATORY I.D. NO. 0380-502/329/UC1085

REPORT TO: Palmer Venture SOURCE OF SAMPLE: Surface Water
7184 Beneva Road SAMPLE LOCATION: Palmer Ranch
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SAMPLED BY: R. Odell, M. Phelps

Page 3 of 3

RESULTS OF ANALYSIS	CC4	CC5	EL1	NC6
Pesticides, Organochlorine (con'd)				
Endosulfan Alpha (ug/l)	<0.003	<0.003	<0.003	<0.003
Endosulfan Beta (ug/l)	<0.003	<0.003	<0.003	<0.003
Endosulfan Sulfate (ug/l)	<0.3	<0.3	<0.3	<0.3
Endrin (ug/l)	<0.004	<0.004	<0.004	<0.004
Endrin Aldehyde (ug/l)	<0.03	<0.03	<0.03	<0.03
Heptachlor (ug/l)	<0.001	<0.001	<0.001	<0.001
Heptachlor Epoxide (ug/l)	<0.005	<0.005	<0.005	<0.005
Toxaphene (ug/l)	<0.005	<0.005	<0.005	<0.005
Polychlorinated Biphenyls (ug/l)	<0.001	<0.001	<0.001	<0.001

CCI's Florida Department of Health and Rehabilitative Services (FDHRS)
Laboratory Certification ID Number is 84243.

RESULTS EXPRESSED IN mg/l(ppm) UNLESS OTHERWISE DESIGNATED

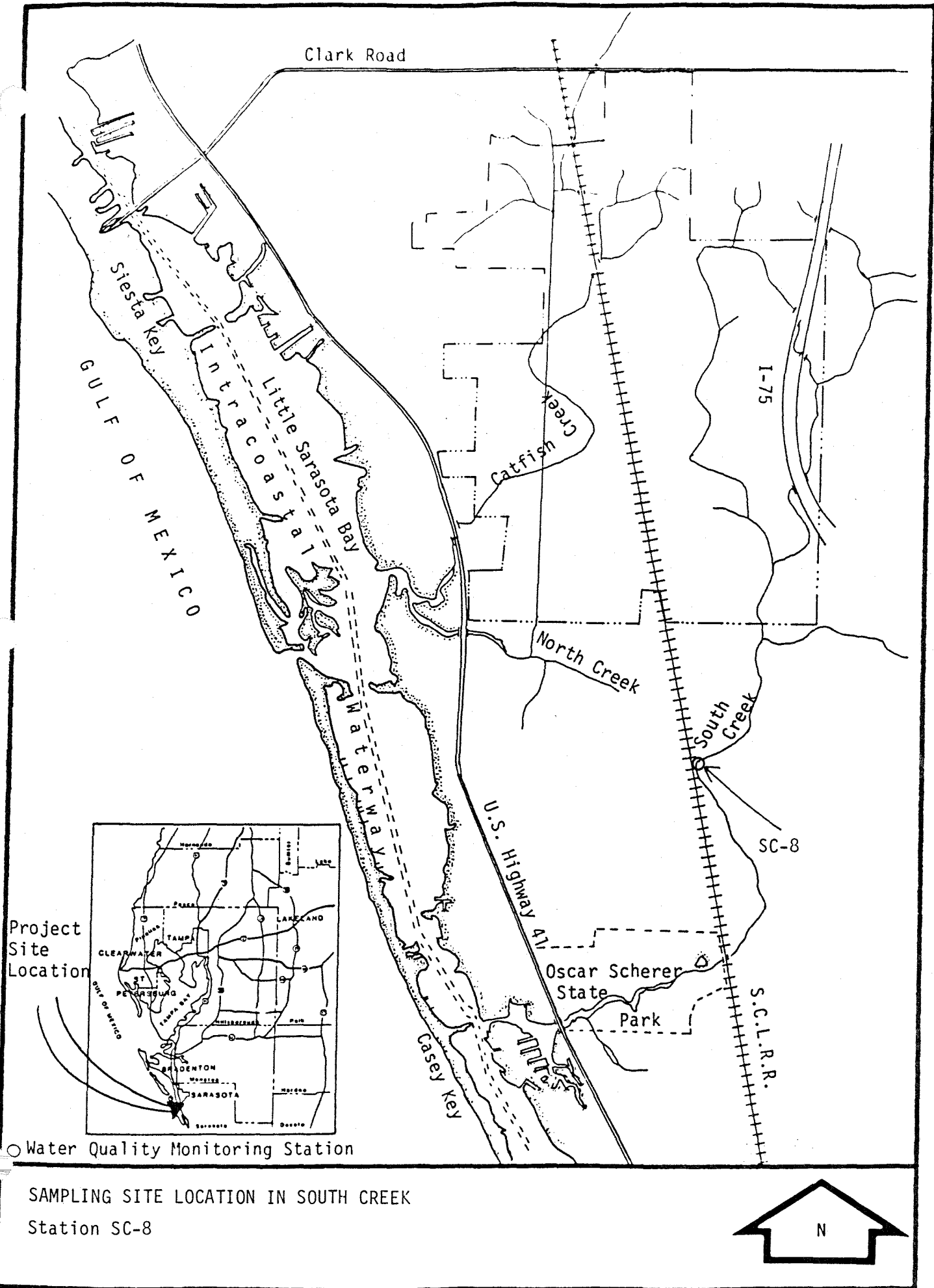
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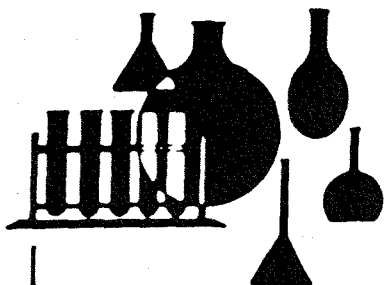
Dorothy Morse
Supervisor/Chemist/Biologist

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EXHIBIT 0

Results of
Surface Water Quality Monitoring
in South Creek
(Conservation Consultants, Inc., 1985)
During September, 1985





Conservation Consultants Inc.

P.O. Box 35 • Palmetto, Florida 33561 • 813/722-6668

LABORATORY I.D. NO. 0380-502/329/OC1085

REPORT TO: Palmer Venture SOURCE OF SAMPLE: Surface Water
7184 Beneva Road SAMPLE LOCATION: Palmer Ranch
Sarasota, FL 33583 (North Tract)
ATTN: Thomas W. Goodell

DATE OF SAMPLING: September 16, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 1 of 3

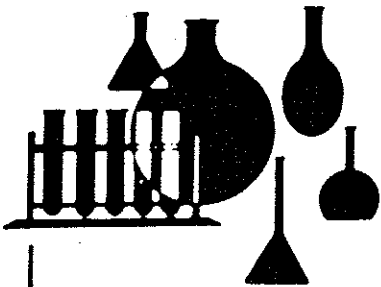
RESULTS OF ANALYSIS	SC4	SC7	SC8
Laboratory Number	02027	02028	02029
Sample Time	1230	1205	1051
Biochemical Oxygen Demand, BOD, 5-day	1.0	1.9	2.2
Cadmium, Total, as Cd	<0.0008	0.0034	<0.0008
Chromium, Total, as Cr	<0.05	<0.05	<0.05
Coliform, Fecal (per 100 ml)	500	200	180
Coliform, Total (per 100 ml)	44,000	102,000	33,000 ***
Copper, Total, as Cu	0.013	0.014	0.022
Lead, Total, as Pb	<0.01	<0.01	0.01
Nickel, Total, as Ni	0.01	0.02	<0.01
Nitrogen, Ammonia, as N	0.09	2.75	0.45
Nitrogen, Total Kjeldahl, as N	1.32	5.55	2.52
Nitrogen, Nitrate, as N	0.07	0.04	0.02
Nitrogen, Nitrite, as N	<0.01	0.02	0.02
Nitrogen, Total, as N	1.39	5.61	2.56
Phosphate, Ortho, as P	0.07	1.79	0.65
Phosphate, Total, as P	0.14	2.31	0.78
Solids, Total Suspended (TSS) at 105°C	10	16	13
Turbidity (NTU)	3.9	4.8	2.2
Zinc, Total, as Zn	0.007	0.007	<0.005

RESULTS EXPRESSED IN mg/l (ppm) UNLESS OTHERWISE DESIGNATED

Respectfully submitted by:

Suzanne Morse
Supervisor/Chemist/Biologist

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7184 Beneva Road
Sarasota, FL 33583
ATTN: Thomas W. Goodell

SOURCE OF SAMPLE: Surface Water

SAMPLE LOCATION: Palmer Ranch
(North Tract)

DATE OF SAMPLING: September 16, 1985

SAMPLED BY: R. Odell, M. Phelps

Page 2 of 3

RESULTS OF ANALYSIS

	SC4	SC7	SC8
Conductivity (umhos/cm) (field)	924	1136	612
Dissolved Oxygen (field)	6.3	1.9	2.9 ***
pH (pH units) (field)	6.7	6.6	6.7
Temperature (°C) (field)	27.1	25.5	25.2

ANALYSIS BY OUTSIDE LABORATORY^a

Arsenic, Total, as As	0.006	<0.005	<0.005
Mercury, Total, as Hg	<0.0002	<0.0002	<0.0002
Oil and Grease	<1	<1	2
Pesticides, Organochlorine			
Aldrin (ug/l)	<0.003	<0.003	<0.003
alpha-BHC (ug/l)	<0.005	<0.005	<0.005
beta-BHC (ug/l)	<0.005	<0.005	<0.005
delta-BHC (ug/l)	<0.005	<0.005	<0.005
gamma-BHC (ug/l)	<0.005	<0.005	<0.005
Chlordane (ug/l)	<0.01	<0.01	<0.01
4,4'-DDD (ug/l)	<0.03	<0.03	<0.03
4,4'-DDE (ug/l)	<0.01	<0.01	<0.01
4,4'-DDT (ug/l)	<0.001	<0.001	<0.001
Dieldrin (ug/l)	<0.003	<0.003	<0.003

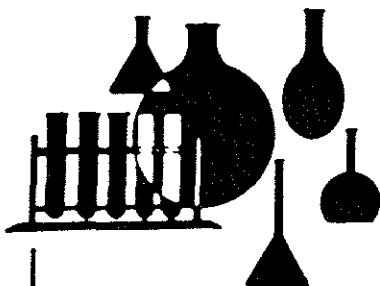
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Respectfully submitted by:

^aData Report on File.

Dorothy Morse
Supervisor/Chemist/Biologist

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Page 3 of 3

RESULTS OF ANALYSIS

SC4

SC7

SC8

Pesticides, Organochlorine (con'd)

Endosulfan Alpha (ug/l)	<0.003	<0.003	<0.003
Endosulfan Beta (ug/l)	<0.003	<0.003	<0.003
Endosulfan Sulfate (ug/l)	<0.3	<0.3	<0.3
Endrin (ug/l)	<0.004	<0.004	<0.004
Endrin Aldehyde (ug/l)	<0.03	<0.03	<0.03
Heptachlor (ug/l)	<0.001	<0.001	<0.001
Heptachlor Epoxide (ug/l)	<0.005	<0.005	<0.005
Toxaphene (ug/l)	<0.005	<0.005	<0.005
Polychlorinated Biphenyls (ug/l)	<0.001	<0.001	<0.001

CCI's Florida Department of Health and Rehabilitative Services (FDHRS)
Laboratory Certification ID Number is 84243.

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Respectfully submitted by:

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