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

November 27, 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:

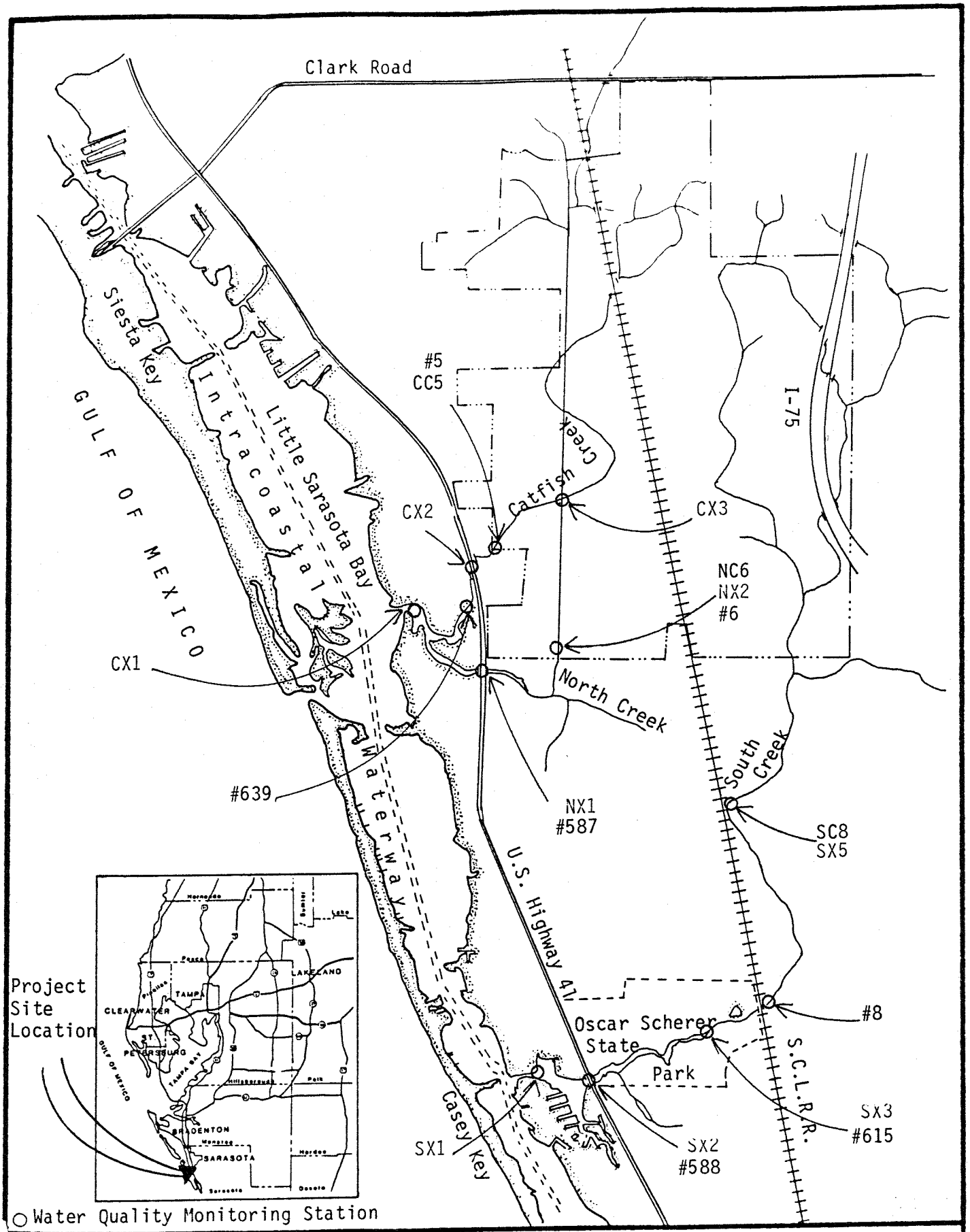


FIGURE 1. Locations of Monitoring Stations in the Lower Reaches of Catfish Creek, North Creek, and South Creek

Aluminum
Arsenic
Cadmium
Chromium (Total & Hexavalent)
Copper
Cyanide
Iron
Lead
Manganese
Mercury
Nickel
Silver
Zinc
Selenium

Ammonium (Total & Unionized)
Total Nitrogen
Nitrate
Nitrite
Total Phosphate
Orthophosphate
Chloride
Fluoride
Oil & Grease
Organochlorine Pesticides & PCB
Gross Alpha
Total Hardness

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 <u>in situ</u> 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
Temperature
Conductivity
pH
Ammonia
Nitrite
Nitrate
Total Kjeldahl Nitrogen
Orthophosphate
Total Phosphate
Total Suspended Solids
BOD
Fecal Coliform
Total Coliform
Oil & Grease
Pesticide scan
Arsenic
Cadmium
Chromium
Lead
Mercury
Nickel
Zinc
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 Kjeldahl Nitrogen
Nitrite
Nitrate
Orthophosphate
Total Phosphate
BOD
Oil & Grease
Lead
Total Suspended Solids
Turbidity
Total Coliform
Fecal Coliform
Pesticide scan
Temperature
Conductivity
pH
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	Orthophosphate
Cadmium	Total Suspended Solids
Chromium	Turbidity
Total Coliform	Zinc
Fecal Coliform	Conductivity
Copper	Dissolved Oxygen
Lead	pH
Nickel	Temperature
Ammonia	Arsenic
Total Nitrogen	Mercury
Nitrate	Oil & Grease
Nitrite	Pesticides
Total Phosphate	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

[a]References: 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

[a]References: 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

[a]References: 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/)	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

[a]References: 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

[a]References: 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).

[b]Class 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, 19831	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

[a]References: 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).

[b]Class 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

[a]References: 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).

[b]Class 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)

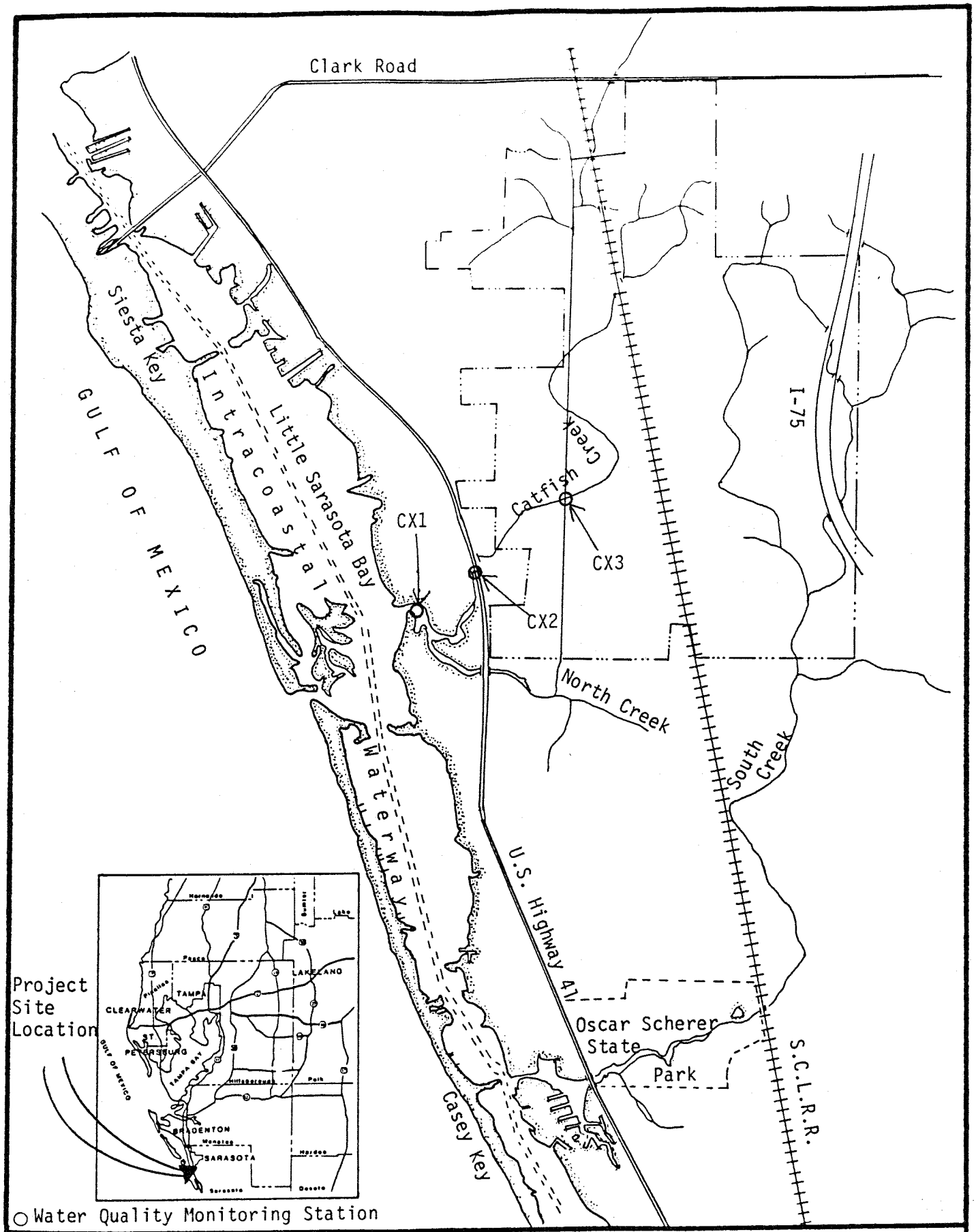
3. Sarasota County - Environmental Services Laboratory, 1985. Ambient water quality data acquired at Catfish Creek Station #639, North Creek Station #587, and South Creek Stations #588 and #615 during the period of 1980 - 1985.

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



SAMPLING SITE LOCATIONS IN CATFISH CREEK

Stations CX1, CX2, and CX3

N

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	In situ	--------	--------	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	In situ	--------	--------	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	In situ	--------	--------	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	In situ	--------	--------	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
7184 Beneva Road
Sarasota, FL 33583
ATTN: Thomas W. Goodell

SOURCE OF SAMPLE: Surface Water
SAMPLE LOCATION: Palmer Ranch (North Tract)

DATE OF SAMPLING: November 14, 1985
SAMPLED BY: R. Odell, M. Phelps

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 (^{o}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

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
7184 Beneva Road
Sarasota, FL 33583
ATTN: Thomas W. Goodell

SOURCE OF SAMPLE: Surface Water
SAMPLE LOCATION: Palmer Ranch (North Tract)

DATE OF SAMPLING: November 14, 1985

SAMPLED BY: R. Odell, M. Phelps

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 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	0.04	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:

[a] Data 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
7184 Beneva Road
Sarasota, FL 33583
ATTN: Thomas W. Goodell

SOURCE OF SAMPLE: Surface Water
SAMPLE LOCATION: Palmer Ranch (North Tract)

DATE OF SAMPLING: November 14, 1985
SAMPLED BY: R. Odell, M. Phelps

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
7184 Beneva Road
Sarasota, FL 33583
ATTN: Thomas W. Goodell

SOURCE OF SAMPLE: Surface Water
SAMPLE LOCATION: Palmer Ranch (North Tract)

DATE OF SAMPLING: November 14, 1985
SAMPLED BY: R. Odell, M. Phelps

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:

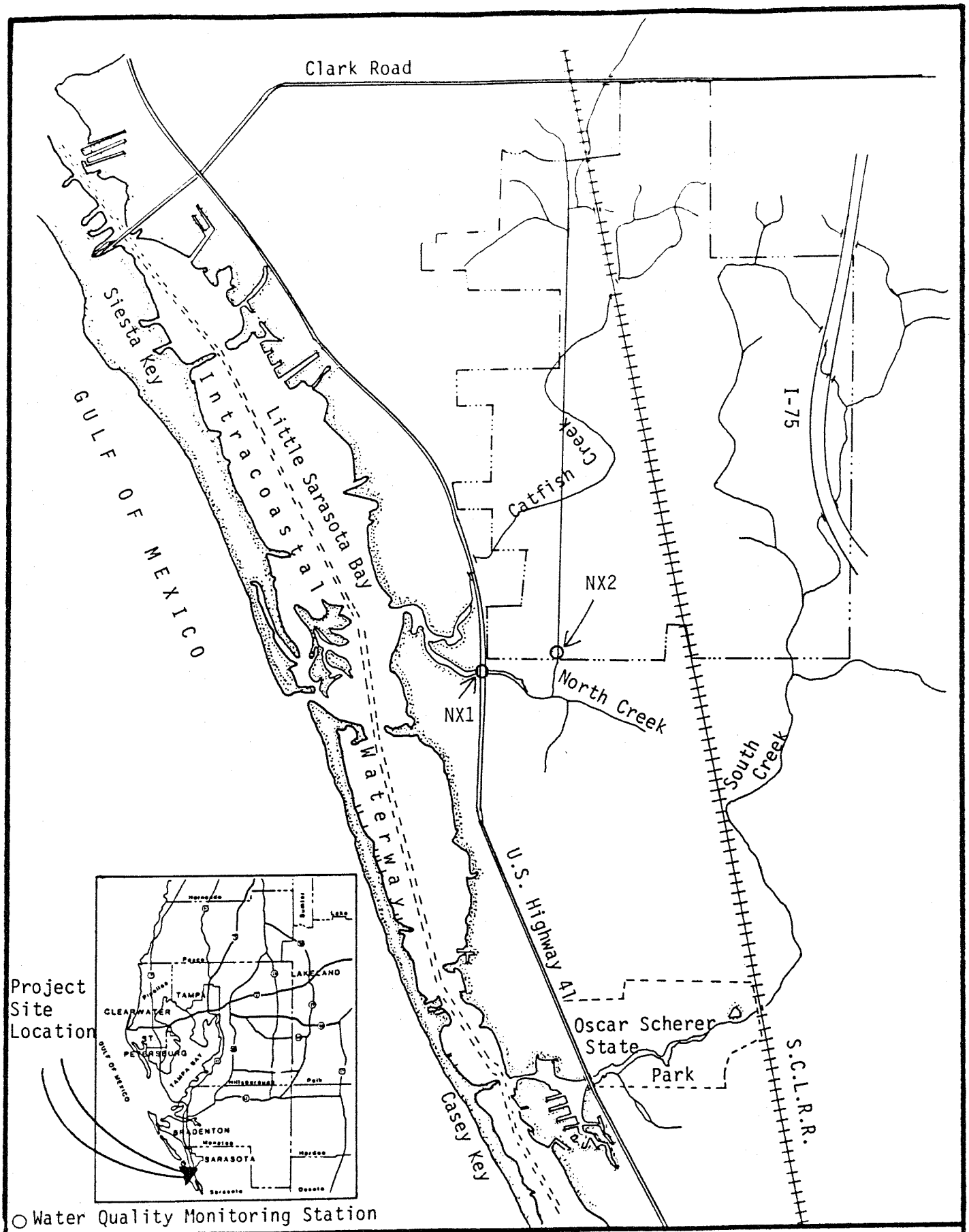
Dorothy Morse

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 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

N

COLLECTION AND ANALYTICAL METHODS

Parameter	FIELD Collection	FIELD Handling	Laboratory Handling	Analytical Method	Reference
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	In situ	--------	--------	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	In situ	--------	--------	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 Collection	FIELD Handling	Laboratory Handling	Analytical Method	Reference
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	In situ	--------	--------	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	In situ	--------	--------	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
7184 Beneva Road
Sarasota, FL 33583
ATTN: Thomas W. Goodell

SOURCE OF SAMPLE: Surface Water
SAMPLE LOCATION: Palmer Ranch (North Tract)
DATE OF SAMPLING: November 14, 1985
SAMPLED BY: R. Odell, M. Phelps

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.

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

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

REPORT TO: Palmer Venture
7184 Beneva Road
Sarasota, FL 33583
ATTN: Thomas W. Goodell

SOURCE OF SAMPLE: Surface Water
SAMPLE LOCATION: Palmer Ranch (North Tract)

DATE OF SAMPLING: November 14, 1985

SAMPLED BY: R. Odell, M. Phelps

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

[a] Data Report on File.

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
7184 Beneva Road
Sarasota, FL 33583
ATTN: Thomas W. Goodell

SOURCE OF SAMPLE: Surface Water
SAMPLE LOCATION: Palmer Ranch (North Tract)

DATE OF SAMPLING: November 14, 1985
SAMPLED BY: R. Odell, M. Phelps

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
7184 Beneva Road
Sarasota, FL 33583
ATTN: Thomas W. Goodell

SOURCE OF SAMPLE: Surface Water
SAMPLE LOCATION: Palmer Ranch (North Tract)

DATE OF SAMPLING: November 14, 1985

SAMPLED BY: R. Odell, M. Phelps

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:

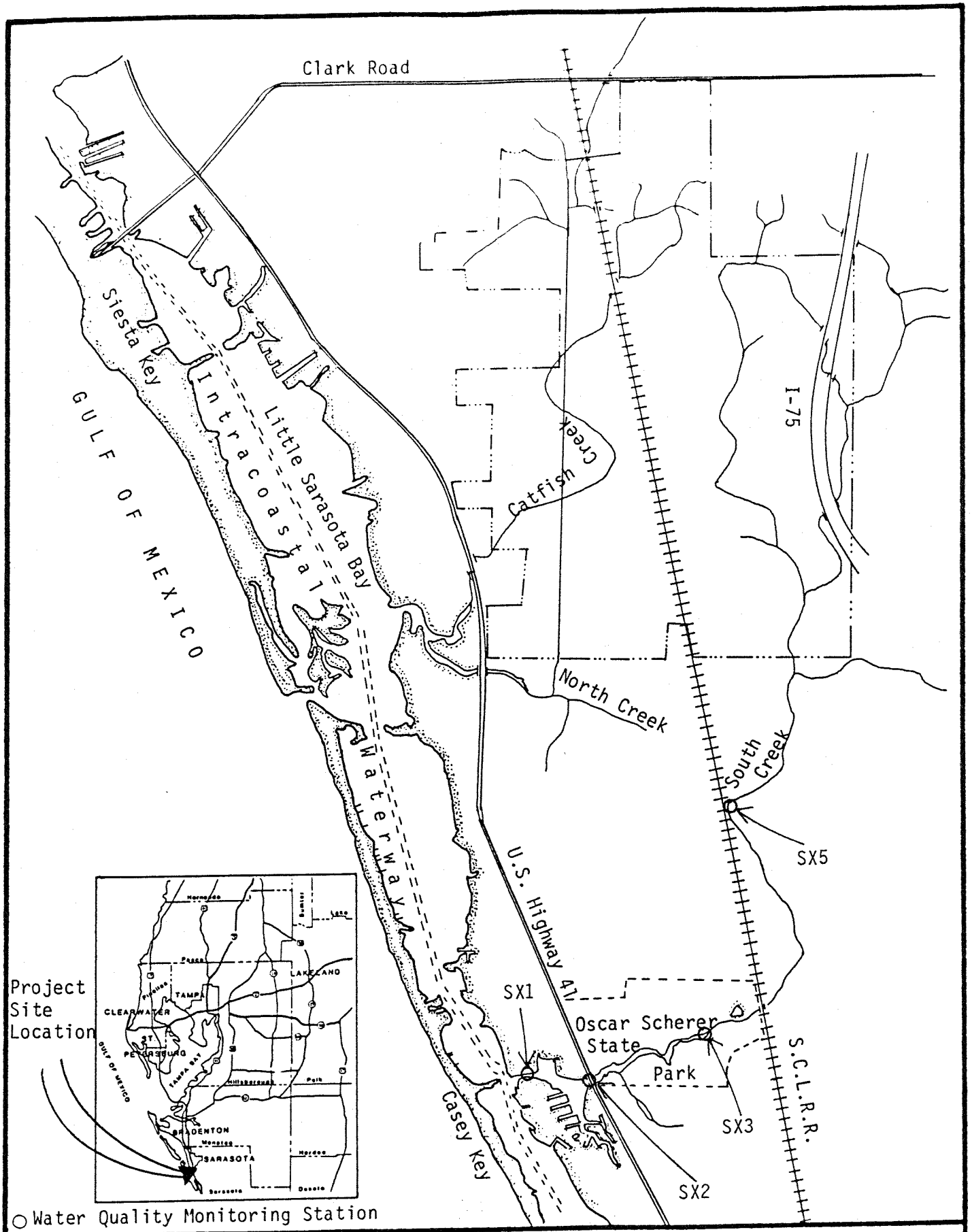
Dorothy Morse

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 C

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



SAMPLING SITE LOCATIONS IN SOUTH CREEK

Stations SX1, SX2, SX3, and SX5

N

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	In situ	--------	--------	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	In situ	--------	--------	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	In situ	--------	--------	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	In situ	--------	--------	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.

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

REPORT TO: Palmer Venture
7184 Beneva Road
Sarasota, FL 33583
ATTN: Thomas W. Goodell

SOURCE OF SAMPLE: Surface Water
SAMPLE LOCATION: Palmer Ranch (North Tract)

DATE OF SAMPLING: November 14, 1985
SAMPLED BY: R. Odell, M. Phelps

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:

Dorothy Morse

Supervisor/Chemist/Biologist

*Sampled November 18, 1985
**Calculated theoretical maximum value

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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REPORT TO: Palmer Venture
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ATTN: Thomas W. Goodell

SOURCE OF SAMPLE: Surface Water
SAMPLE LOCATION: Palmer Ranch (North Tract)

DATE OF SAMPLING: November 14, 1985
SAMPLED BY: R. Odell, M. Phelps

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

[a]Data Report on File.

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.

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

REPORT TO: Palmer Venture
7184 Beneva Road
Sarasota, FL 33583
ATTN: Thomas W. Goodell

SOURCE OF SAMPLE: Surface Water
SAMPLE LOCATION: Palmer Ranch (North Tract)

DATE OF SAMPLING: November 14, 1985
SAMPLED BY: R. Odell, M. Phelps

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
7184 Beneva Road
Sarasota, FL 33583
ATTN: Thomas W. Goodell

SOURCE OF SAMPLE: Surface Water
SAMPLE LOCATION: Palmer Ranch (North Tract)

DATE OF SAMPLING: November 14, 1985
SAMPLED BY: R. Odell, M. Phelps

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:

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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REPORT TO: Palmer Venture
7184 Beneva Road
Sarasota, FL 33583
ATTN: Thomas W. Goodell

SOURCE OF SAMPLE: Surface Water
SAMPLE LOCATION: Palmer Ranch (North Tract)

DATE OF SAMPLING: November 14, 1985
SAMPLED BY: R. Odell, M. Phelps

RESULTS OF ANALYSIS	SX4	SX5 (SC8)
Laboratory Number	Site Inaccessible	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

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.

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

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

REPORT TO: Palmer Venture
7184 Beneva Road
Sarasota, FL 33583
ATTN: Thomas W. Goodell

SOURCE OF SAMPLE: Surface Water
SAMPLE LOCATION: Palmer Ranch (North Tract)

DATE OF SAMPLING: November 14, 1985
SAMPLED BY: R. Odell, M. Phelps

RESULTS OF ANALYSIS	SX4	SX5 (SC8)
Conductivity at 25°C (umhos/cm) (field)	Site Inaccessible	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 Cr^{6+}		<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

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

[a] Data Report on File.

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
7184 Beneva Road
Sarasota, FL 33583
ATTN: Thomas W. Goodell

SOURCE OF SAMPLE: Surface Water
SAMPLE LOCATION: Palmer Ranch (North Tract)

DATE OF SAMPLING: November 14, 1985
SAMPLED BY: R. Odell, M. Phelps

RESULTS OF ANALYSIS	SX4	SX5 (SC8)
Pesticides, Organochlorine		
Aldrin (ug/l)	Site Inaccessible	<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

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.

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

REPORT TO: Palmer Venture
7184 Beneva Road
Sarasota, FL 33583
ATTN: Thomas W. Goodell

SOURCE OF SAMPLE: Surface Water
SAMPLE LOCATION: Palmer Ranch (North Tract)

DATE OF SAMPLING: November 14, 1985
SAMPLED BY: R. Odell, M. Phelps

RESULTS OF ANALYSIS	SX4	SX5 (SC8)
Phenols	Site Inaccessible	<0.001
Radiation, Gross Alpha (pCi/L)		<2
Selenium, Total, as Se		<0.005
Silver, Total, as Ag		<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:

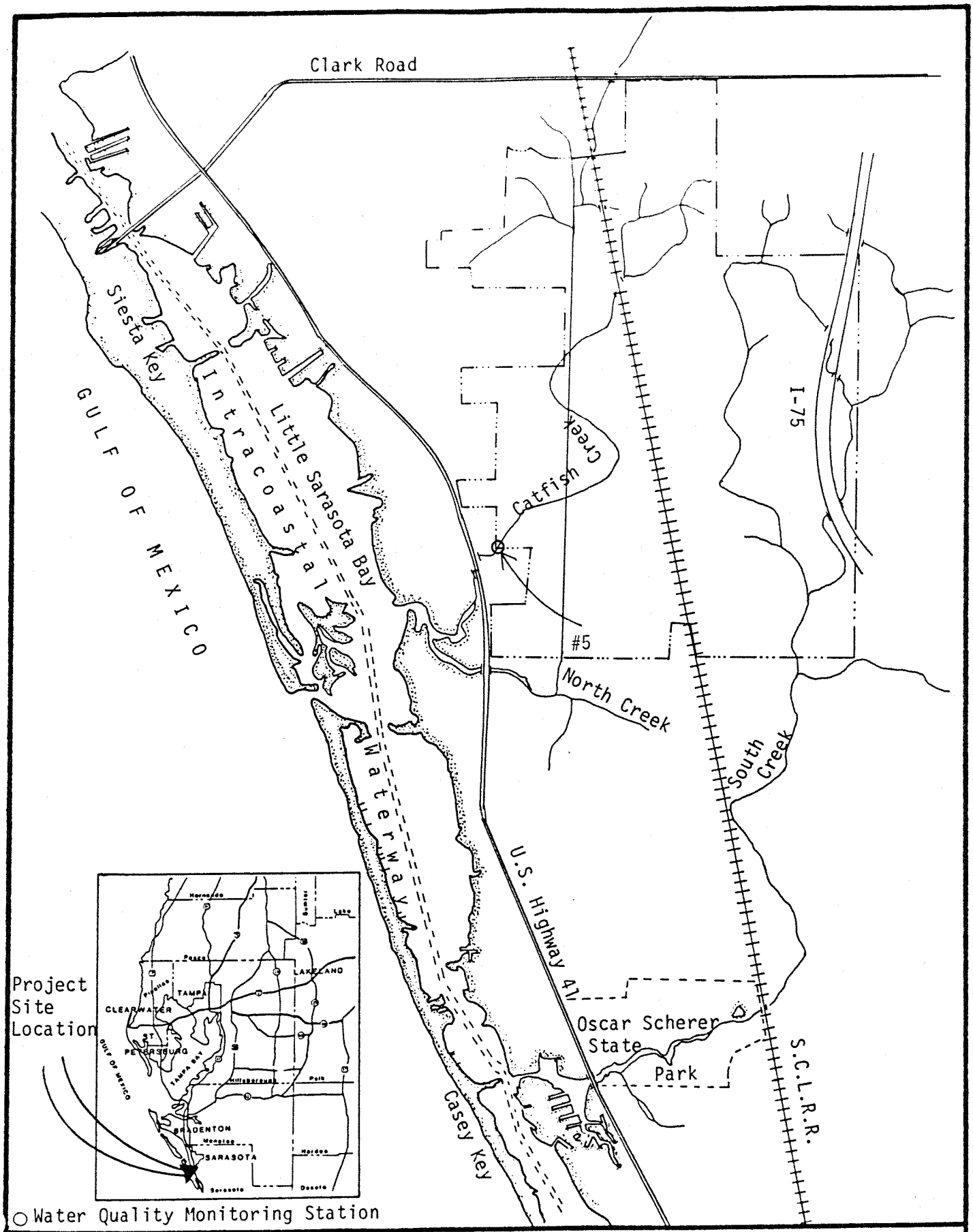
Dorothy Morse

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

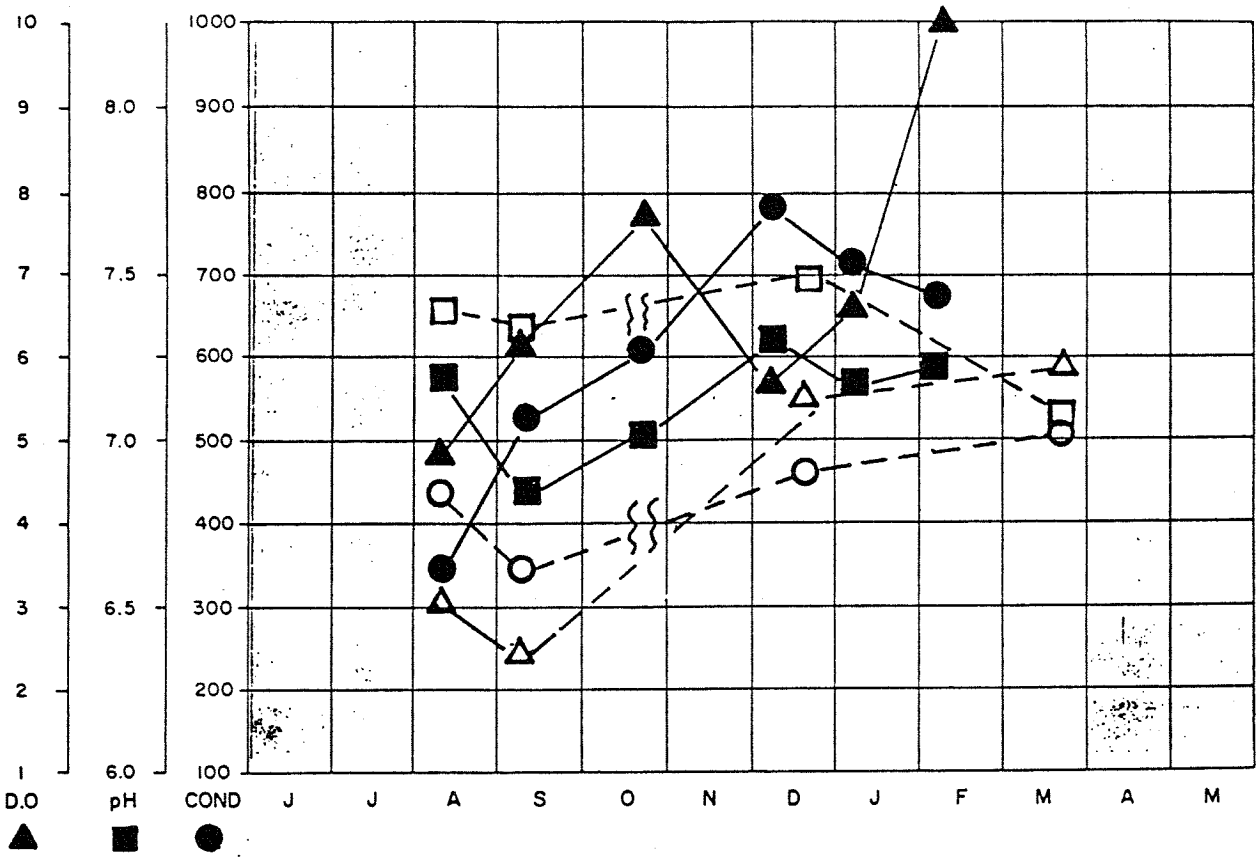
Station #5

N

Parameter mg/l	Trip 1	Trip 2	Trip 3	Trip 4	Trip 5	Trip 6
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
$O\text{-}PO_4^{\equiv}$	0.195	0.37	0.36	0.14	0.41	0.14
$T\text{-}PO_4^{\equiv}$	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





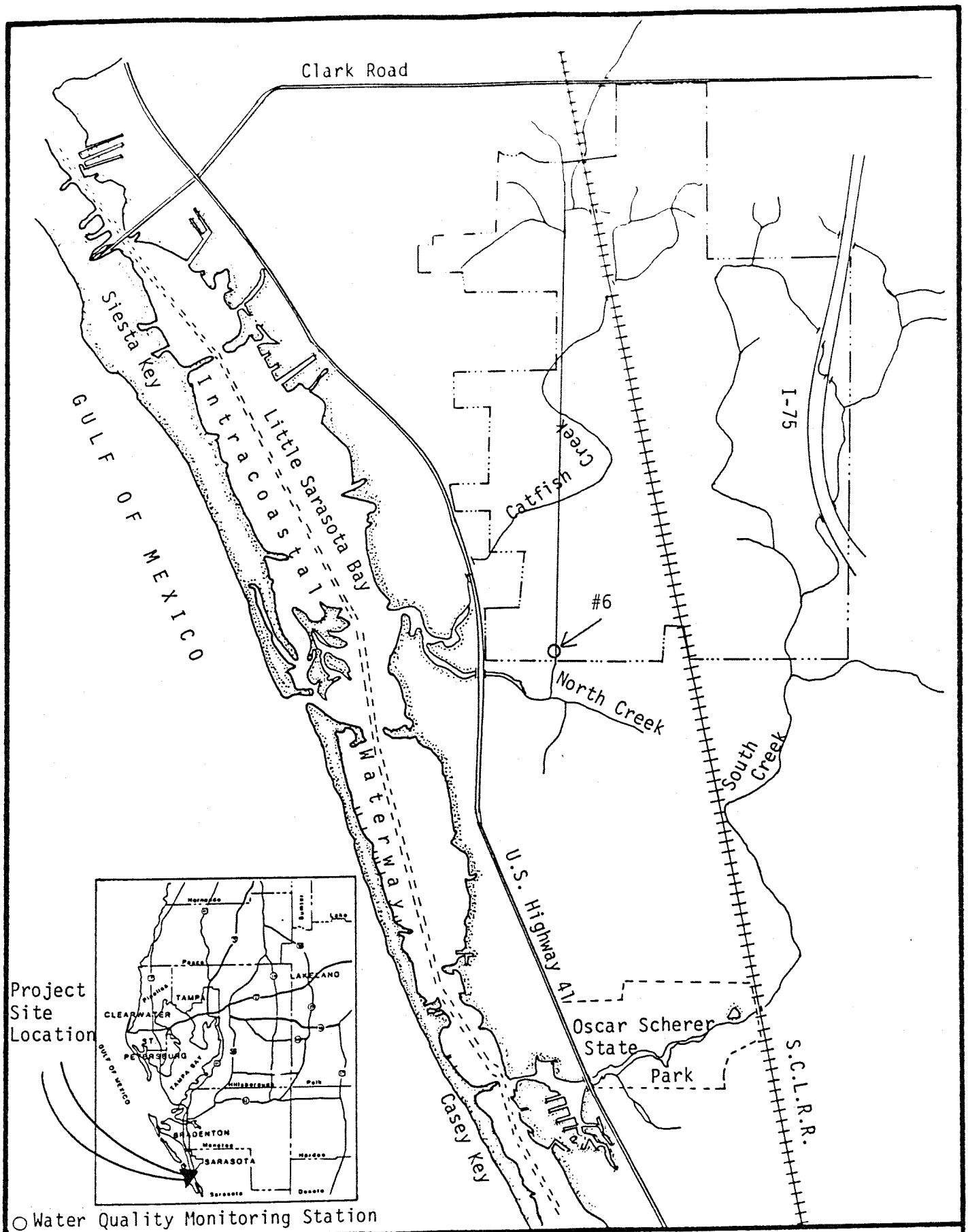
IN SITU MEASUREMENTS - WATER QUALITY

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



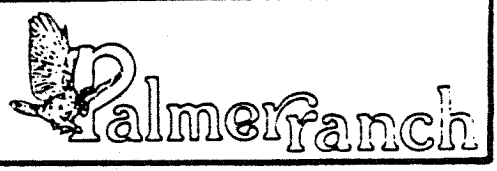
SAMPLING SITE LOCATION IN LOWER NORTH CREEK

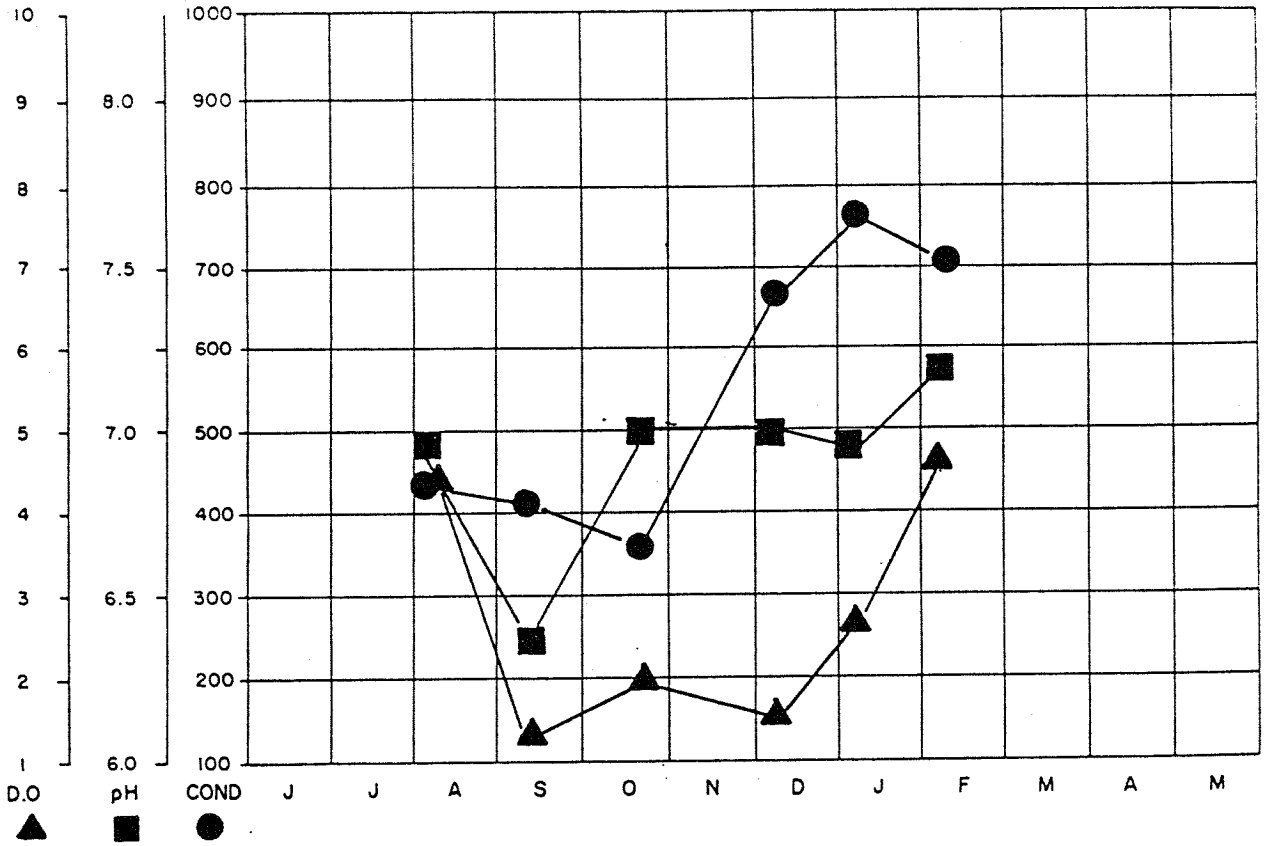
Station #6

N

Parameter mg/l	Trip 1	Trip 2	Trip 3	Trip 4	Trip 5	Trip 6
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
$O\text{-}PO_4^{\equiv}$	0.800	0.187	0.12	0.14	0.06	0.1
$T\text{-}PO_4^{\equiv}$	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





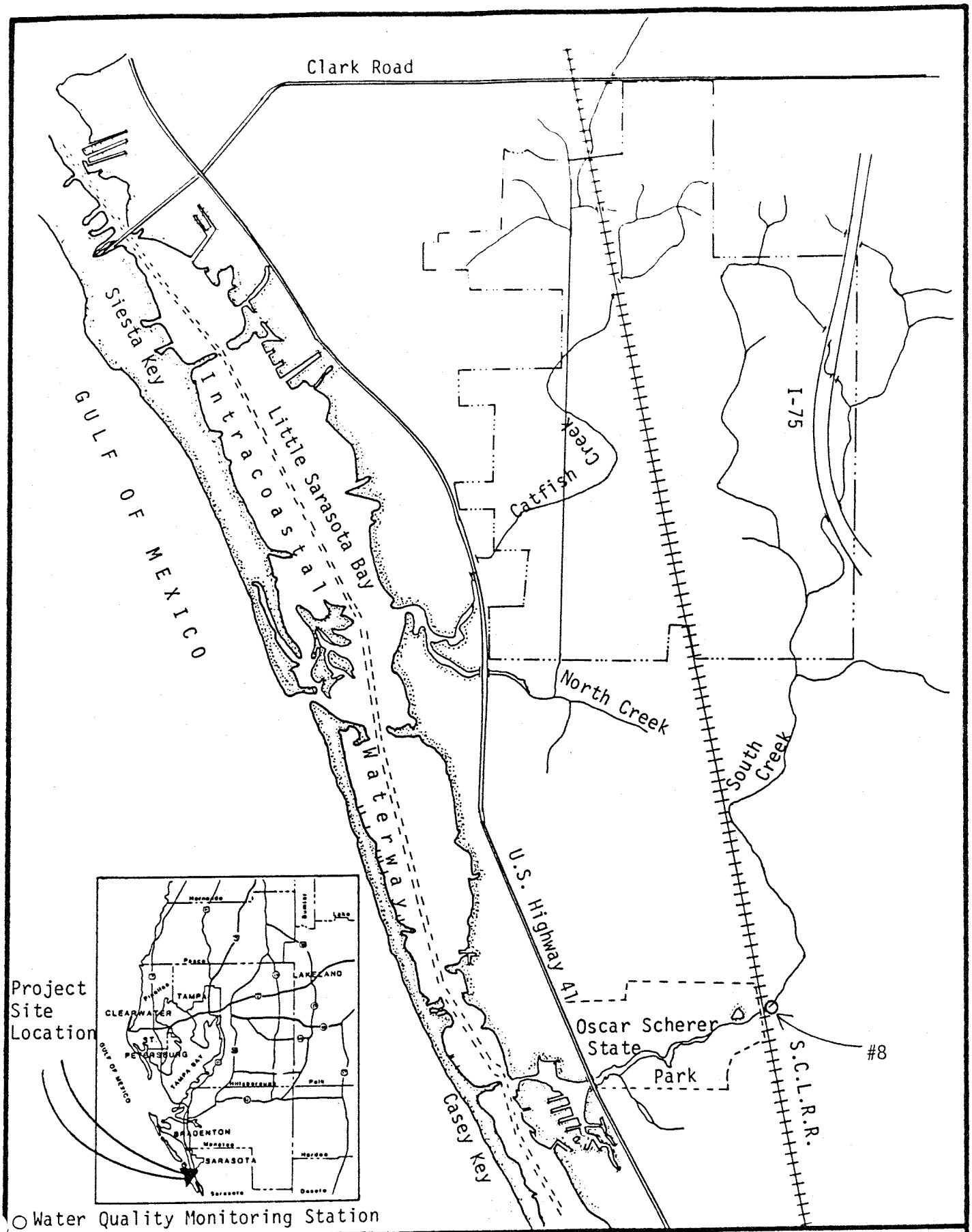
IN SITU MEASUREMENTS - WATER QUALITY

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 ****	4.2****
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



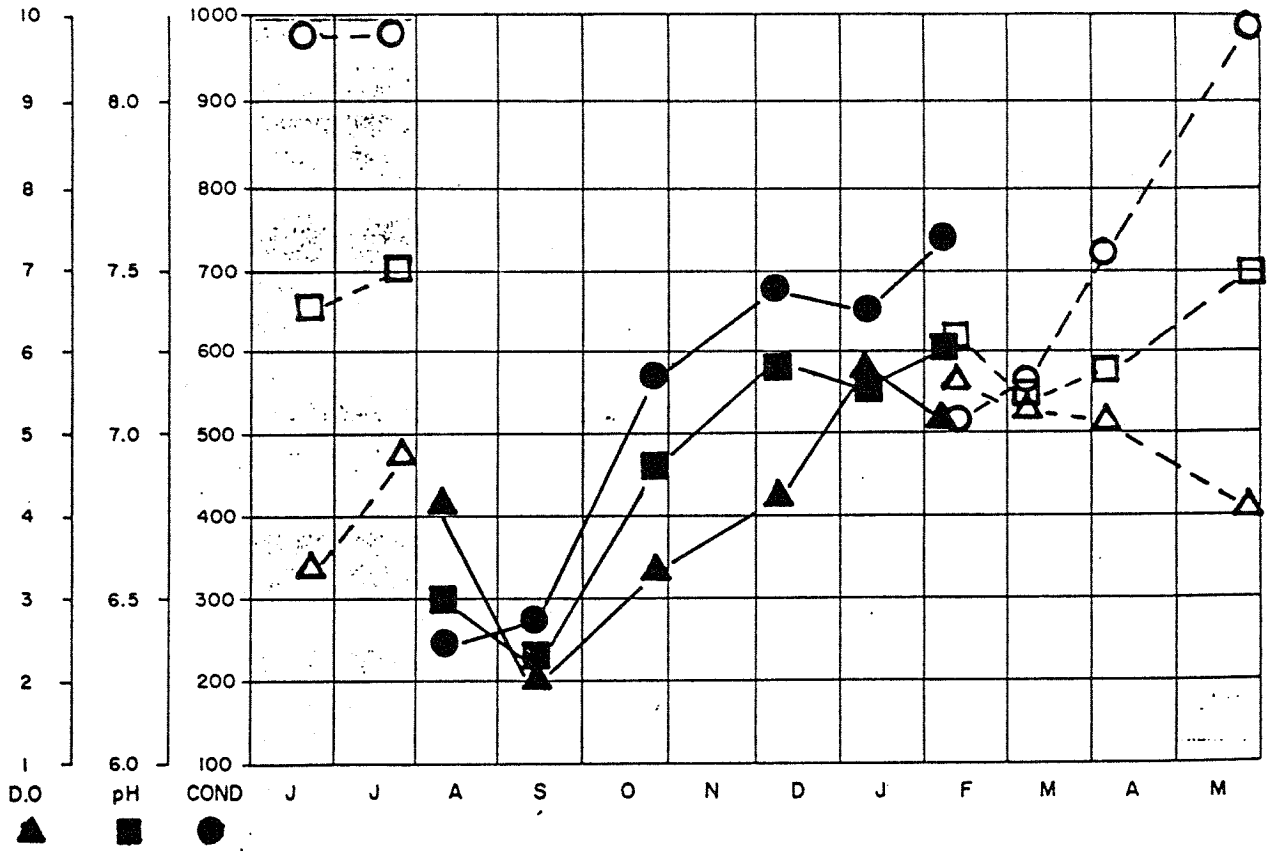
SAMPLING SITE LOCATION IN LOWER SOUTH CREEK

Station #8

N

Parameter mg/l	Trip 1	Trip 2	Trip 3	Trip 4	Trip 5	Trip 6
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
$O\text{-}PO_4\equiv$	0.065	0.384	0.52	0.46	0.44	0.57
$T\text{-}PO_4\equiv$	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	2.1	3.4	4.3	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

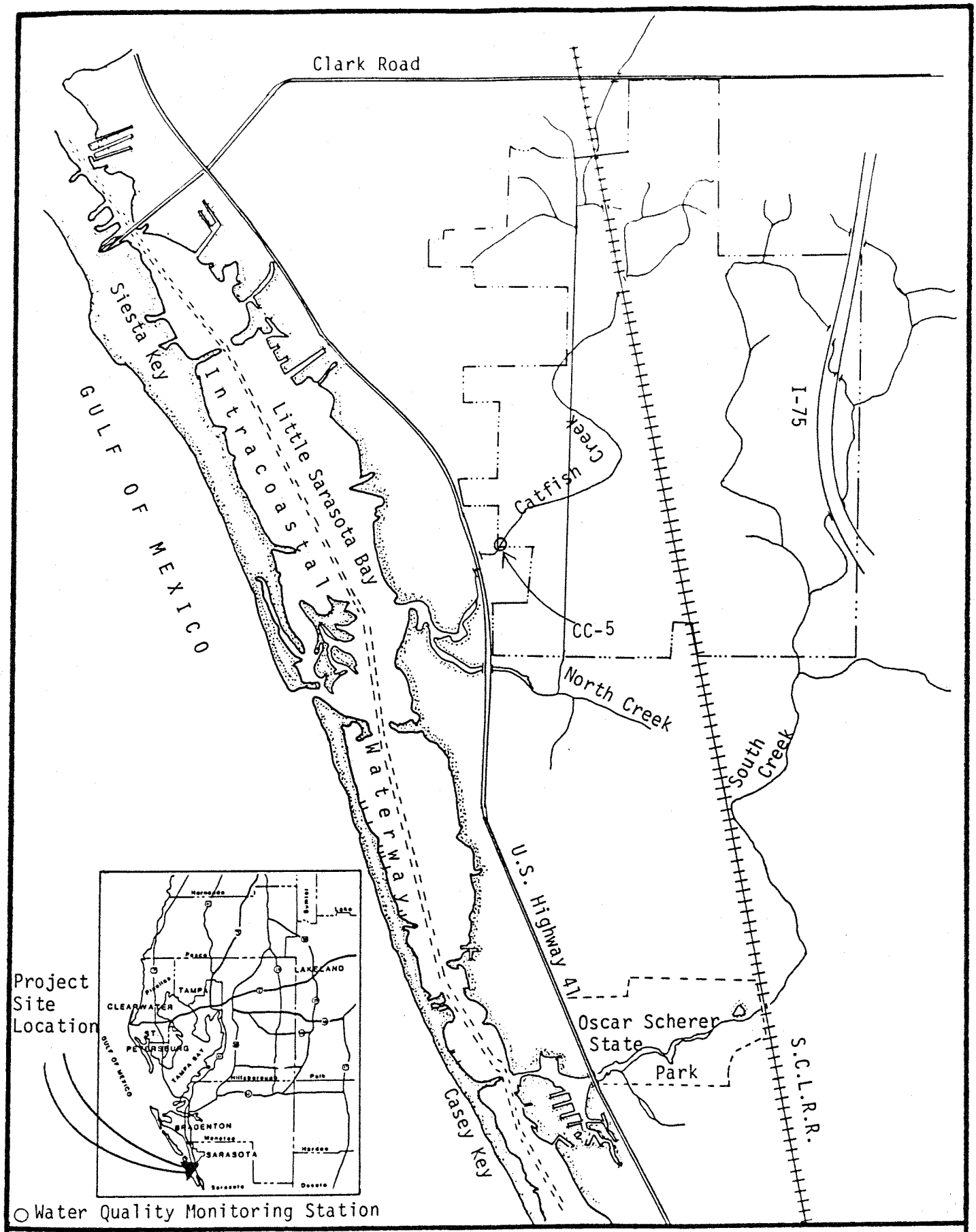
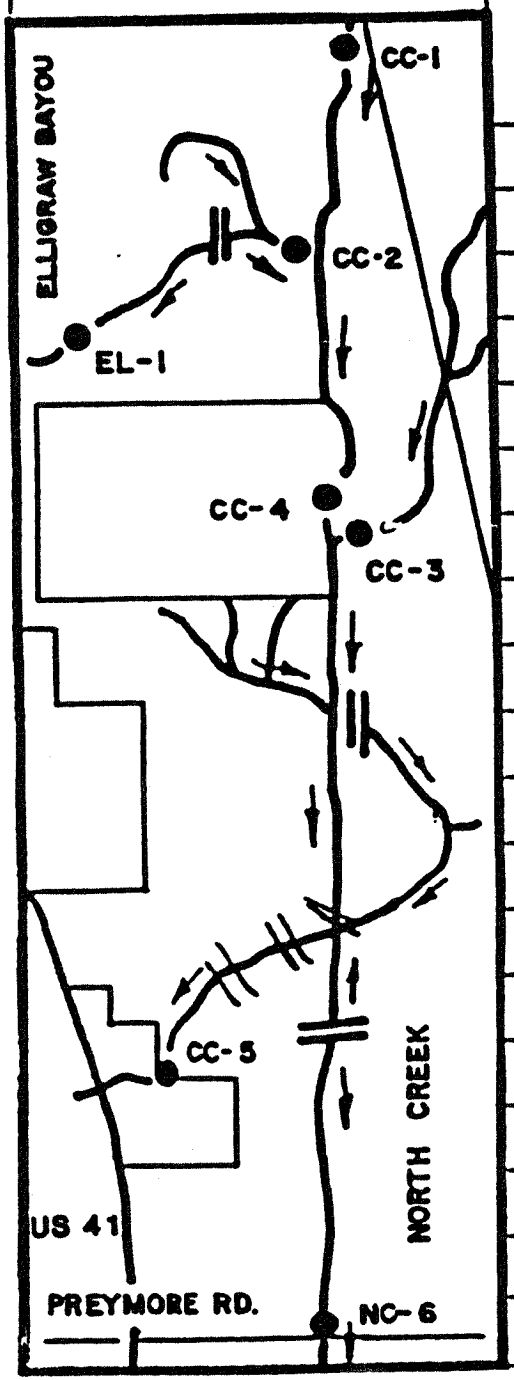

Clark Road
Siesta Key
GULF OF MEXICO
Intracoastal Waterway
Little Sarasota Bay
Catfish Creek
I-75
CC-5
North Creek
South Creek
U.S. Highway 41
Oscar Scherer State Park
S.C.L.R.R.
Casey Key
Project Site Location
BRADENTON
SARASOTA
TAMPA
CLEARWATER
ST PETERSBURG
LAKELAND
○ Water Quality Monitoring Station
SAMPLING SITE LOCATION IN LOWER CATFISH CREEK
Station CC-5
N

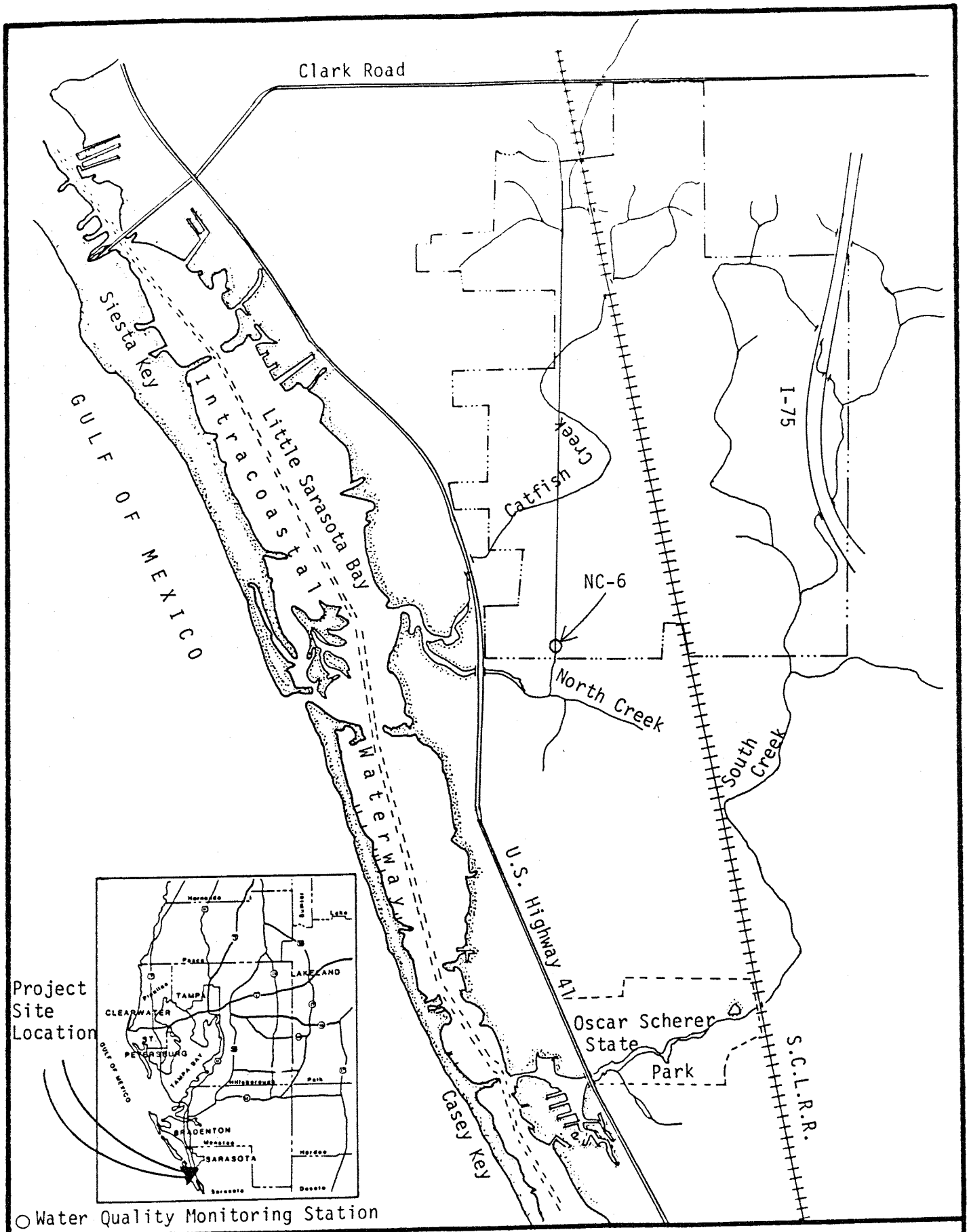
TABLE 4 - 2
BASIN CATFISH CREEK



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

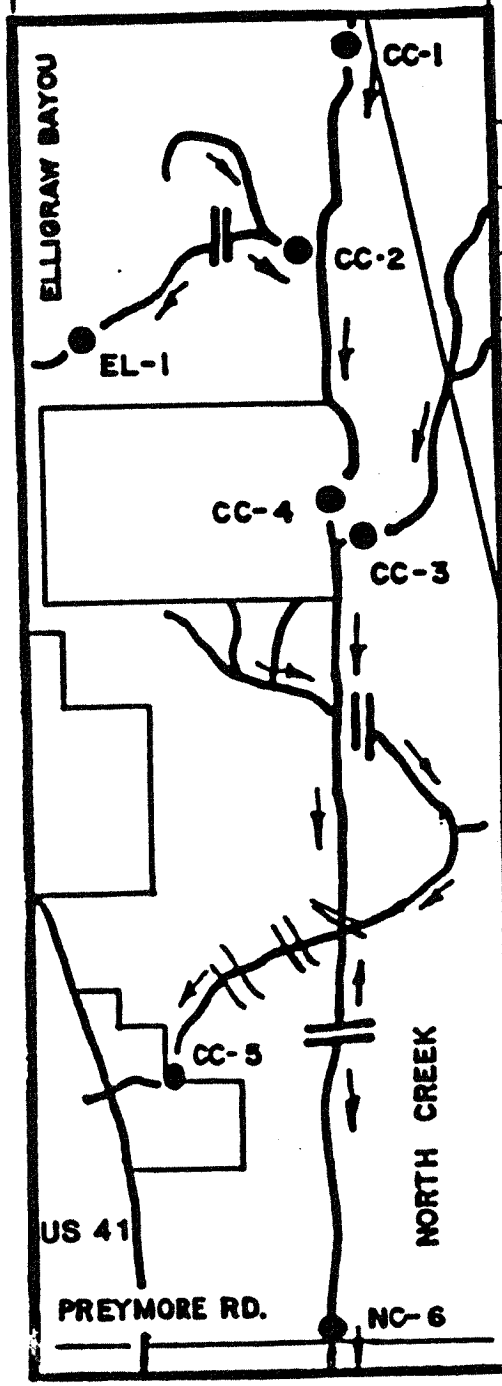
Results of
Surface Water Quality Monitoring
in North Creek
(Palmer Venture, 1985)
During the Period of May, 1984 - March, 1985



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

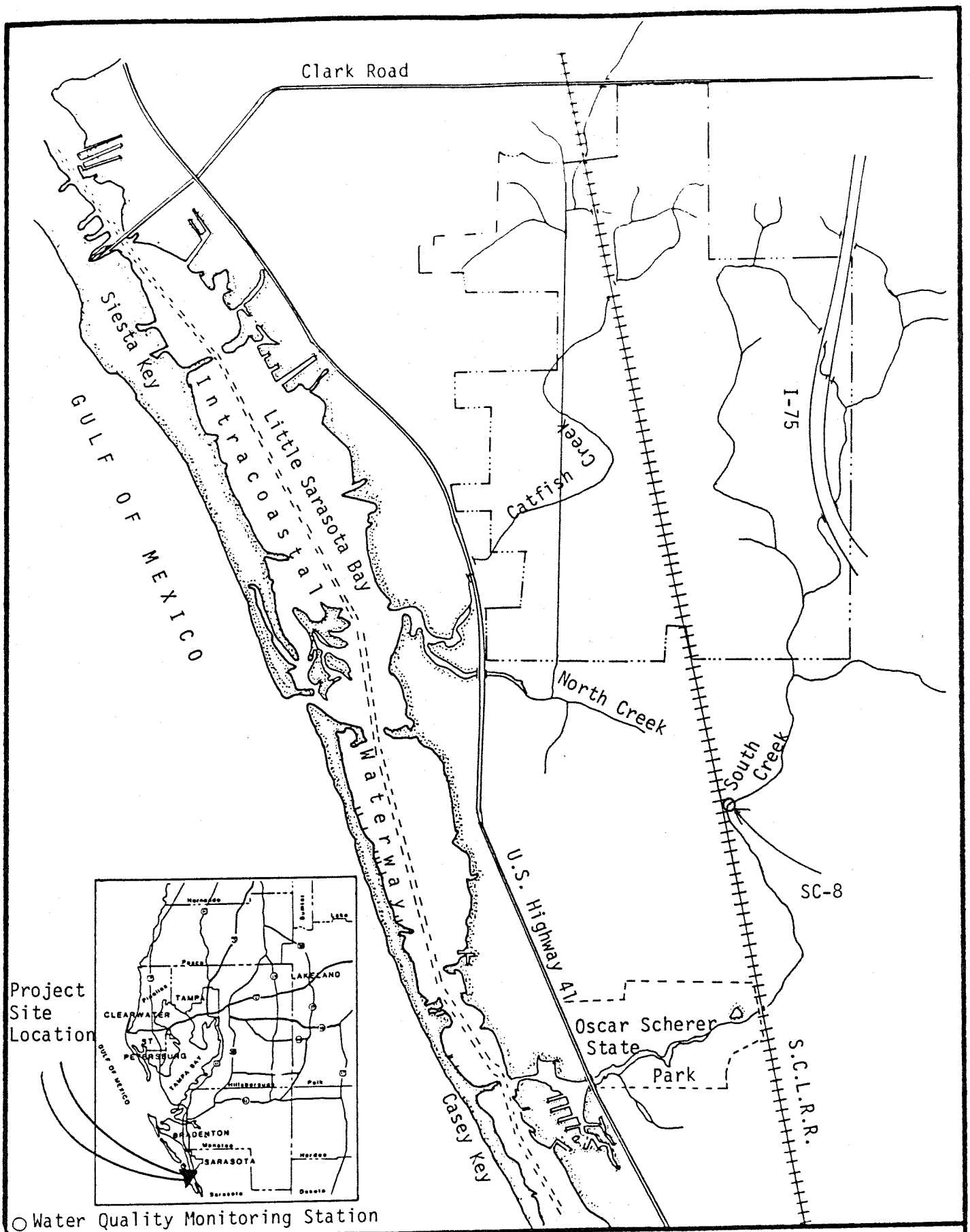
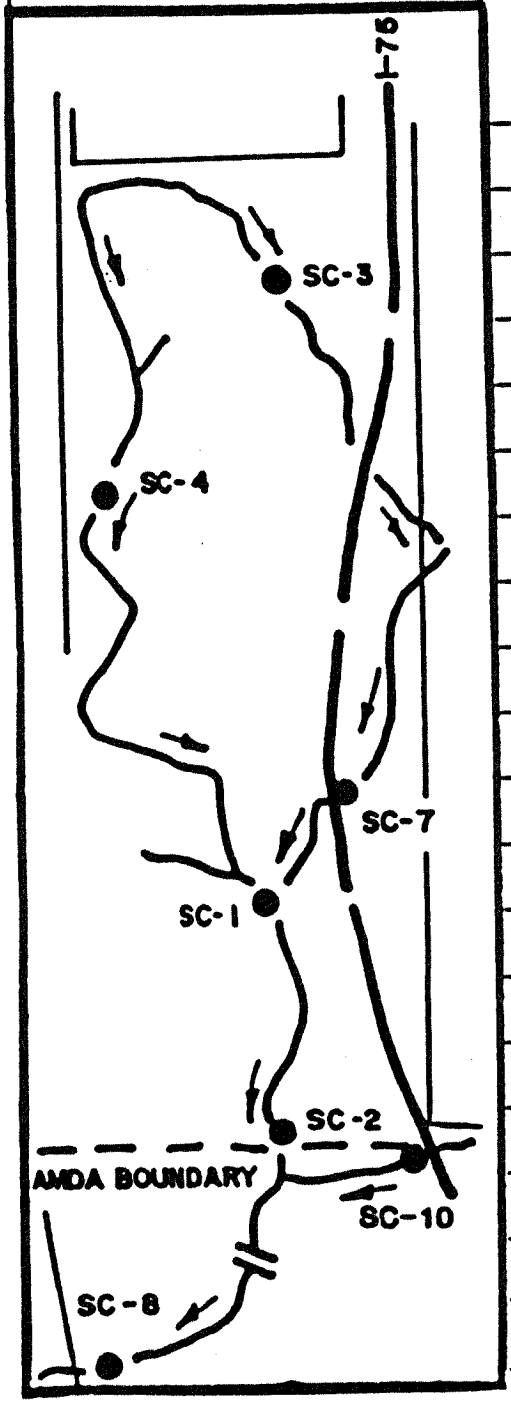

Clark Road
Siesta Key
GULF OF MEXICO
Intracoastal
Little Sarasota Bay
Waterway
Catfish Creek
I-75
North Creek
South Creek
SC-8
U.S. Highway 41
Oscar Scherer State Park
S.C.L.R.R.
Casey Key
Project Site Location
LAKELAND
TAMPA
CLEARWATER
ST. PETERSBURG
BRADENTON
SARASOTA
○ Water Quality Monitoring Station
SAMPLING SITE LOCATION IN SOUTH CREEK
Station SC-8
N

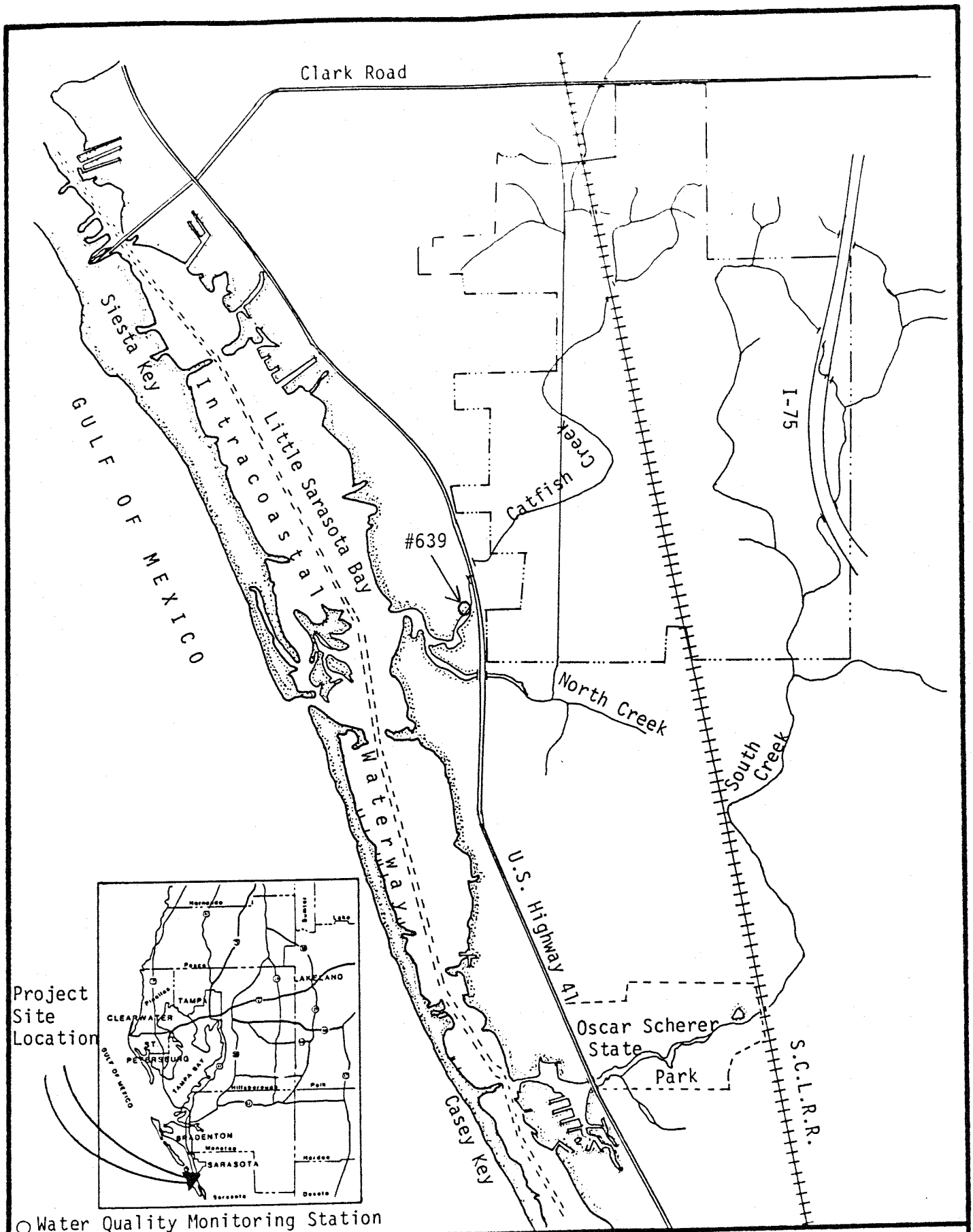
TABLE 4 - 4
BASIN SOUTH CREEK



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~~ lead	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



SAMPLING SITE LOCATION IN LOWER CATFISH CREEK

Station #639

N

Pollution Control Division
1301 Cattlemen Rd.
Sarasota, FL 33582

WATER QUALITY REPORT FORM

LAB # 42

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
S A C	24.01.0639	2/4/80	0830	1.0 ft
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP END	

REMARKS

*Estimated count.

LOCATION Stream Run #5

Catfish Creek at Vamo Way

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓
WIND DIR	DEG	36	0✓
WIND VEL	MPH	35	0✓
TEMP WATER	°C	10	16.5✓
D.O.	MG/L	299	***2.6✓
COND	µMHO/CM	94	32000✓
pH FIELD	STD	400	7.4✓
REDOX (EH)	MV	90	450✓
pH LAB	STD	403	7.84✓
COND LAB	µMHO/CM	95	22000✓
TURBIDITY	FTU	76	7.6✓
COLOR	PtCo	80	80✓
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
COLI MF	#/100ML	31501	***4200✓
FECAL MF	#/100ML	31616	610✓
F. STREP MF	#/100ML	31679	180*✓
Chlorine Residue	MG/L	50060	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.099✓
P TOT	MG/L	665	NA
NO_2 N	MG/L	615	0.000✓
(NO_2+NO_3)-N	MG/L	630	0.000✓
NH_3 N	MG/L	608	0.060✓
ORGANIC N	MG/L	605	1.683✓
N KJEL (TKN)	MG/L	625	1.743✓
N TOT	MG/L	600	1.743✓
Total Alkalinity	MG/L	410	
Residue Non-Filterable (TSS)	MG/L	530	
Residue Volatile Non-Filterable (Total Suspended Volatile Solids)	MG/L	535	
Residue, Fixed Non-Filterable (Total Suspended Fixed Solids)			
Residue Filterable(TDS)	MG/L	70300	
AGENCY	STD	27	8074

SAMPLE TAKEN BY: Maloney/Helton

REPORT PREPARED BY: caw Date 3-10-80

REPORT VERIFIED BY: J Gray

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 111

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0639	3/18/80	0830	1.0 ft.

TIME B COMPOSITE SAMPLE — COMP — BEGIN — END

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
TIDE DIR	STD	900043	2✓
WIND DIR	DEG	36	200✓
WIND VEL	MPH	35	3✓
TEMP WATER	°C	10	25✓
D.O.	MG/L	299	***4.1✓
COND	µMHO/CM	94	14000✓
pH FIELD	STD	400	7.2✓
REDOX (EH)	MV	90	-
pH LAB	STD	403	-
COND LAB	µMHO/CM	95	-
TURBIDITY	NTU	76	3.9✓
COLOR	PtCo	80	110✓
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
COLI MF	#/100ML	31501	****20000✓
FECAL MF	#/100ML	31616	4600✓****
FEC STREP MF	#/100ML	31679	410✓
CHLORINE RESIDUE	MG/L	50060	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 3-24-80

REPORT VERIFIED BY: J. Gunn

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 145

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0639	4/15/80	0820	1.0 ft.
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP END	

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
TIDE DIR	STD	900043	2 ✓
WIND DIR	DEG	36	300 ✓
WIND VEL	MPH	35	3 ✓
TEMP WATER	°C	10	25.5 ✓
D.O.	MG/L	299	-
COND	µMHO/CM	94	-
pH FIELD	STD	400	7.4 ✓
REDOX (EH)	MV	90	-
pH LAB	STD	403	-
COND LAB	µMHO/CM	95	33000 ✓
TURBIDITY	NTU	76	8.5 ✓
COLOR	PtCo	80	70 ✓
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
COLI MF	#/100ML	31501	**** 3700 ✓
FECAL MF	#/100ML	31616	**** 2500 ✓
FEC STREP MF	#/100ML	31679	510 ✓
CHLORINE RESIDUE	MG/L	50060	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 4-23-80

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 175

AGENCY	STATION	DATE
SARA C	24.01.0639	5/5/80

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

*Estimated count.

LOCATION Stream Run #5

Catfish Creek at Vamo Way

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	
WIND DIR	DEG	36	330✓
WIND VEL	MPH	35	3✓
TEMP WATER	°C	10	29✓
D.O.	MG/L	299	-
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.35✓
COND LAB	µMHO/CM	95	39000✓
TURBIDITY	NTU	76	7.1✓
COLOR	PtCo	80	70✓
D.O. LAB	MG/L	300	~~****~~ 1.7✓
BOD	MG/L	310	
COD	MG/L	335	
COLI MF	#/100ML	31501	100*✓
FECAL MF	#/100ML	31616	30*✓
FEC STREP MF	#/100ML	31679	20*✓
CHLORINE RESIDUE	MG/L	50060	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	-		
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 5-8-80

REPORT VERIFIED BY: J. Gunn

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 254

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

AGENCY	STATION	DATE	DEPTH
SARA C	24.01.0639	6/30/80	1.0 ft.

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

REMARKS

*Estimated count.

LOCATION Stream Run #5

Catfish Creek at Vamo Way.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0
TEMP WATER	°C	10	33
D.O.	MG/L	299	-
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.52
COND LAB	µMHO/CM	95	39000
TURBIDITY	NTU	76	4.5
COLOR	PtCo	80	60
D.O. LAB	MG/L	299	**** 1.2
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	200*
FECAL MF	#/100ML	31616	30*
FEC STREP MF	#/100ML	31679	30*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 7-2-80

REPORT VERIFIED BY: J. Bury

( ) 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

*Estimated count.

LOCATION Stream Run #5

Catfish Creek at Vamo Way.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	1
WIND DIR	DEG	36	225
WIND VEL	MPH	35	3
TEMP WATER	°C	10	30.5
D.O.	MG/L	299	-
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.34
COND LAB	µMHO/CM	95	32000
TURBIDITY	NTU	76	7.1
COLOR	PtCo	80	80
D.O. LAB	MG/L	300	***** 1.0
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	1400*
FECAL MF	#/100ML	31616	160*
FEC STREP MF	#/100ML	31679	1200*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 7-31-80

REPORT VERIFIED BY: J. Gusy

( ) 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

TIME A - GRAB SAMPLE	DEPTH
0920	.5 m
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

Catfish Creek at Vamo Way.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2 ✓
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0 ✓
TEMP WATER	°C	10	32.9 ✓
D.O.	MG/L	299	***0.0 ✓
COND	µMHO/CM	94	33300 ✓
pH FIELD	STD	400	6.8 ✓
REDOX (EH)	MV	90	-0.005 ✓
pH LAB	STD	403	-
COND LAB	µMHO/CM	95	-
TURBIDITY	NTU	76	8.2 ✓
COLOR	PtCo	80	80 ✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	****4300 ✓
FECAL MF	#/100ML	31616	410 ✓
FEC STREP MF	#/100ML	31679	30* ✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 9-11-80

REPORT VERIFIED BY: J. Berry

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 375

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0639	10/13/80	1125	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.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓
WIND DIR	DEG	36	25✓
WIND VEL	MPH	35	3✓
TEMP WATER	°C	10	25✓
D.O.	MG/L	299	***1.1✓
COND	µMHO/CM	94	41000✓
pH FIELD	STD	400	7.1✓
REDOX (EH)	MV	90	210✓
pH LAB	STD	403	7.55✓
COND LAB	µMHO/CM	95	-
TURBIDITY	NTU	76	6.0✓
COLOR	PtCo	80	70✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	1500✓
FECAL MF	#/100ML	31616	220✓
FEC STREP MF	#/100ML	31679	60✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.343✓
P TOT	MG/L	665	1.170✓
NO_2 N	MG/L	615	0.000✓
(NO_2+NO_3)-N	MG/L	630	0.000✓
NH_3 N	MG/L	608	0.040✓
ORGANIC N	MG/L	605	2.425✓
N KJEL (TKN)	MG/L	625	2.465✓
N TOT	MG/L	600	2.465✓
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 10-27-80

REPORT VERIFIED BY: J Bury

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 439

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0639	12/15/80	1120	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.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0✓
TEMP WATER	°C	10	21.3✓
D.O.	MG/L	299	~~****~~ 0.6✓
COND	µMHO/CM	94	39800✓
pH FIELD	STD	400	6.8✓
REDOX (EH)	MV	90	110✓
pH LAB	STD	403	7.48✓
COND LAB	µMHO/CM	95	38000✓
TURBIDITY	NTU	76	2.7✓
COLOR	PtCo	80	30✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	1100*✓
FECAL MF	#/100ML	31616	20*✓
FEC STREP MF	#/100ML	31679	10*✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 12-17-80

REPORT VERIFIED BY: J. Gray

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 17

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0639	1/19/81	1200	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
TIDE DIR	STD	900043	-
WIND DIR	DEG	36	10
WIND VEL	MPH	35	3
TEMP WATER	°C	10	14
D.O.	MG/L	299	-
COND	µMHO/CM	94	40000
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.79
COND LAB	µMHO/CM	95	-
TURBIDITY	NTU	76	4.6
COLOR	PtCo	80	30
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	400*
FECAL MF	#/100ML	31616	45*
FEC STREP MF	#/100ML	31679	20*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	-		
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 1-22-81

REPORT VERIFIED BY: J. Green

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 40

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0639	2/2/81	1120	1.5 Ft.
			TIME B COMPOSITE SAMPLE	
			COMP — BEGIN	
			END	

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

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 ✓	NO_2 N	MG/L	615	0.221 ✓
TEMP WATER	°C	10	21.1 ✓	(NO_2+NO_3)-N	MG/L	630	0.792 ✓
D.O.	MG/L	299	2.7 ✓	NH_3 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 (Secci)	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 PREPARED BY: caw 2-10-81

REPORT VERIFIED BY: J. Gum

( ) 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	
			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 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✓	NO_2 N	MG/L	615	
TEMP WATER	°C	10	22✓	(NO_2+NO_3)-N	MG/L	630	
D.O.	MG/L	299	~~4.4~~ 3.2✓	NH_3 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 (Secci)	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 PREPARED BY: caw 3-5-81

REPORT VERIFIED BY: J. Green

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 118

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0639	4/6/81	1055	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
TIDE DIR	STD	900043	2✓
WIND DIR	DEG	36	30✓
WIND VEL	MPH	35	10✓
TEMP WATER	°C	10	28✓
D.O.	MG/L	300	~~****~~ 4.0✓
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.75✓
COND LAB	µMHO/CM	95	16,600✓
TURBIDITY	NTU	76	7.7✓
COLOR	PtCo	80	80✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	~~****~~ 280,000*✓
FECAL MF	#/100ML	31616	80*✓
FEC STREP MF	#/100ML	31679	60*✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 4-10-81

REPORT VERIFIED BY: J. Gruss

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 169

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0639	5/11/81	1125	1.5 Ft.
			TIME B COMPOSITE SAMPLE	
			COMP — BEGIN	
			COMP — END	

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

Catfish Creek at Vamo Road bridge.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-
WIND DIR	DEG	36	270✓
WIND VEL	MPH	35	3✓
TEMP WATER	°C	10	26.5✓
D.O.	MG/L	300	⊛⊛⊛2.7✓
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.57✓
COND LAB	µMHO/CM	95	⊛40000✓
TURBIDITY	NTU	76	3.3✓
COLOR	PtCo	80	70✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	200*✓
FECAL MF	#/100ML	31616	130*✓
FEC STREP MF	#/100ML	31679	27*✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	-		
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 5-18-81

REPORT VERIFIED BY: J. Guy

( ) CHANGE DATE SUBMITTED

Sarasota County
Pollution Control Department

WATER QUALITY REPORT FORM LAB# 214

TIME A - GRAB SAMPLE		DEPTH
1110		
TIME B COMPOSITE SAMPLE		1.5 Ft.
COMP BEGIN		
COMP END		

AGENCY	STATION	DATE
SARA C	24.01.0639	6/15/81

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

REMARKS

*Estimated count.

LOCATION Stream Run #1

Catfish Creek and Vamo Road bridge.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-
WIND DIR	DEG	36	90 ✓
WIND VEL	MPH	35	3 ✓
TEMP WATER	°C	10	30 ✓
D.O.	MG/L	299	***0.1 ✓
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX	MV	90	20 ✓
pH LAB	STD	403	8.02 ✓
COND LAB	µMHO/CM	95	40500 ✓
TURBIDITY	NTU	76	8.2 ✓
COLOR	PtCo	80	80 ✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci Disk)	Meters	00078	
COLI MF	#/100 ML	31501	200* ✓
FECAL MF	#/100 ML	31616	30* ✓
FEC STREP MF	#/100 ML	31679	2500 ✓
CHLORINE RESIDUE	MG/L	31679	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.520 ✓
P TOT	MG/L	665	0.746 ✓
NO_2 N	MG/L	615	0.000 ✓
(NO_2+NO_3)-N	MG/L	630	0.000 ✓
NH_3 N	MG/L	608	0.030 ✓
ORGANIC N	MG/L	605	1.951 ✓
N KJEL (TKN)	MG/L	625	1.981 ✓
N TOT	MG/L	600	1.981 ✓
FLUORIDES DIS	MG/L	950	0.97 ✓
CHL - A	MG/L	32230	
CHL - B	MG/L	32231	
CHL - C	MG/L	32232	
CHL TOT (A+B+C)	MG/L	32234	
PHEO - A	µg/l	32218	
PHEO RATIO (OD 663) a/b	µg/l	32219	
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 6-26-81

REPORT VERIFIED BY: J Gunn

( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 239

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0639	6/30/81	1040	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 bridge.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	000043	2✓
WIND DIR	DEG	36	90✓
WIND VEL	MPH	35	10✓
TEMP WATER	°C	10	28.3✓
D.O.	MG/L		~~****~~ 0.0
COND	µMHO/CM	94	46900✓
pH FIELD	STD	400	6.7✓
REDOX (EH)	MV	90	-157✓
pH LAB	STD	403	-
COND LAB	µMHO/CM	95	-
TURBIDITY	NTU	76	6.8✓
COLOR	PtCo	80	60✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	<100*✓
FECAL MF	#/100ML	31616	<10*✓
FEC STREP MF	#/100ML	31679	27*✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	1.01✓
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable(TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 7-6-81

REPORT VERIFIED BY: J. Gray

( ) CHANGE DATE SUBMITTED

Sarasota County
Pollution Control Department

WATER QUALITY REPORT FORM Lab# 278

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0639	8/3/81	0945	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
TIDE	STD	900043	
WIND DIR	DEG	36	160
WIND VEL	MPH	35	3
TEMP WATER	°C	10	30.0
D.O.	MG/L	299	****0.0
COND	µMHO/CM	94	44000
pH FIELD	STD	400	-
REDOX	MV	90	-
pH LAB	STD	403	7.33
COND LAB	µMHO/CM	95	-
TURBIDITY	NTU	76	14
COLOR	PtCo	80	80
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci disk)	Meters	00078	
COLI MF	#/100 ML	31501	****6000*
FECAL MF	#/100 ML	31616	5500****
FEC STREP MF	#/100 ML	31679	2500
CHLORINE RESIDUE	MG/L	31679	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.530
P TOT	MG/L	665	0.802
NO_2 N	MG/L	615	0.010
(NO_2+NO_3)-N	MG/L	630	0.010
NH_3 N	MG/L	608	0.123
ORGANIC N	MG/L	605	1.257
N KJEL (TKN)	MG/L	625	1.380
N TOT	MG/L	600	1.390
FLUORIDES DIS	MG/L	950	0.59
CHL-A CORR	µg/l	32211	41.39
PHEO - A	µg/l	32218	10.03
CHL - A	µg/l	32210	47.83
CHL - B	µg/l	32212	5.23
CHL - C	µg/l	32214	15.88
CHL TOT (A+B+C)	µg/l	32216	68.94
PHEO RATIO (OD 663) b/a		32219	1.56
Residue Filterable(TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: 8-14-81

REPORT VERIFIED BY: J. Green

( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 375

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0639	10/5/81	0900	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
TIDE DIR	STD	900043	2
WIND DIR	DEG	36	90
WIND VEL	MPH	35	3
TEMP WATER	°C	10	28.0
D.O.	MG/L	300	***0.0
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.7
COND LAB	µMHO/CM	95	34,100
TURBIDITY	NTU	76	7.4
COLOR	PtCo	80	100
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	<100*
FECAL MF	#/100ML	31616	50*
FEC STREP MF	#/100ML	31679	90*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.78
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	-		
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 10/13/81

REPORT VERIFIED BY: J. Glass

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 419

TIME A - GRAB SAMPLE		DEPTH
1055		
TIME B COMPOSITE SAMPLE		
— COMP	BEGIN	1.5 Ft.
	END	

AGENCY	STATION	DATE
SARA C	24.01.0639	11/9/81

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
TIDE DIR	STD	00043	2
WIND DIR	DEG	36	45
WIND VEL	MPH	35	5
TEMP WATER	°C	10	23.0
D.O.	MG/L		***3.0
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.5
COND LAB	µMHO/CM	95	32900
TURBIDITY	NTU	76	5.0
COLOR	PtCo	80	50
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	200*
FECAL MF	#/100ML	31616	170*
FEC STREP MF	#/100ML	31679	1700*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	-		
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 11/16/81

REPORT VERIFIED BY: J. Gunn

( ) CHANGE DATE SUBMITTED

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM Lab# 3

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
ARA C	#639	1-5-82	1040	1.5
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			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
TIDE	STD	900043	OUT
WIND DIR	DEG	36	10
WIND VEL	MPH	35	15
TEMP WATER	°C	10	24.5 *
D.O.	MG/L	300	**** (3.9)
COND	µMHO/CM	94	—
FIELD	STD	400	—
REDOX	MV	90	—
pH LAB	STD	403	7.7
COND LAB	µMHO/CM	95	30600
TURBIDITY	NTU	76	5.5
COLOR	PtCo	80	75
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100 ML	31501	**** (2700)
FECAL MF	#/100 ML	31616	470
FEC STREP MF	#/100 ML	31679	580 *
CHLORINE RESIDUE	MG/L	31679	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.161
P TOT	MG/L	665	0.425
NO_2 N	MG/L	615	<0.020
(NO_2+NO_3)-N	MG/L	~~630~~ 620	<0.020
NH_3 N	MG/L	~~608~~ 610	<0.020
ORGANIC N	MG/L	605	2.001
N KJEL (TKN)	MG/L	625	2.001
N TOT	MG/L	600	2.001
FLUORIDES DIS	MG/L	950	1.17
CHL-A CORR	µg/l	32211	76.76
PHEO - A	µg/l	32218	25.59
CHL - A	µg/l	32210	92.95
CHL - B	µg/l	32212	16.95
CHL - C	µg/l	32214	25.13
CHL TOT (A+B+C)	µg/l	32216	135.03
PHEO RATIO (OD 663) b/a		32219	1.52
Residue Non-filterable (TSS)	MG/L	530	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: 1/25/82
REPORT VERIFIED BY: J Bueno
( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

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

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEP
SARA C	#639	3-8-82	1130	1.5
			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	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	NO_2 N	MG/L	615	
TEMP WATER	°C	10	16.0	(NO_2+NO_3)-N	MG/L	630	
D.O.	MG/L	300	6.1	NH_3 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 Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: caw 3/12/82
REPORT VERIFIED BY: [signature]
( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 111+113

NCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#639	4-5-82	0930	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 # catFish creek at Vamo Rd. Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	90
WIND VEL	MPH	35	5
TEMP WATER	°C	10	22.5
D.O.	MG/L	300	***4.6
COND	µMHO/CM	94	1480
pH FIELD	STD	400	—
SALINITY	PPTH	480	1.0
pH LAB	STD	403	7.7
COND LAB	µMHO/CM	95	
TURBIDITY	NTU	76	3.5
COLOR	PtCo	80	100
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	1300 *
FECAL MF	#/100ML	31616	240
EC STREB MF	#/100ML	31679	420
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.143
P TOT	MG/L	665	0.205
NO_2 N	MG/L	615	<0.020
(NO_2+NO_3)-N	MG/L	630	0.062
NH_3 N	MG/L	608	0.076
ORGANIC N	MG/L	605	2.008
N KJEL (TKN)	MG/L	625	2.084
N TOT	MG/L	600	2.146
FLUORIDES DISSOLVED	MG/L	950	0.59
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	—		
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: [signature]
REPORT PREPARED BY: caw 4/26/82
REPORT VERIFIED BY [signature]
( ) CHANGE DATE SUBMITTED

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

SURVEY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
ERA C	#639	5-3-82	1100	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 Rd Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	000043	~~—~~	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	~~345~~	P TOT	MG/L	665	
WIND VEL	MPH	35	~~10~~	NO_2 N	MG/L	615	
TEMP WATER	°C	10	20.0	(NO_2+NO_3)-N	MG/L	630	
D.O.	MG/L	300	—	NH_3 N	MG/L	608	
COND	µMHO/CM	94	1500	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	0.71
COND LAB	µMHO/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 (TSFS)			
COLI MF	#/100ML	31501	730*				
FECAL MF	#/100ML	31616	180*				
FEC STREP MF	#/100ML	31679	180*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: Mahoney

REPORT PREPARED BY: C J W 5/6/82

REPORT VERIFIED BY: L Lacey

( ) CHANGE DATE SUBMITTED

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM Lab# 241

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#639	7-7-82	1300	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 Cat Fish creek at Vamo Rd. Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	IN
WIND DIR	DEG	36	180
WIND VEL	MPH	35	3
TEMP WATER	°C	10	27.0
D.O.	MG/L	300	5.0
COND	µMHO/CM	94	870
pH FIELD	STD	400	—
SALINITY	PPTH	480	0
pH LAB	STD	403	7.7
COND LAB	µMHO/CM	95	927
TURBIDITY	NTU	76	1.5
COLOR	PtCo	80	150
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100 ML	31501	180 *
FECAL MF	#/100 ML	31616	150 *
FEC STREP MF	#/100 ML	31679	<180
CHLORINE RESIDUE	MG/L	31679	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N. KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DIS	MG/L	950	0.53
CHL-A CORR	µg/1	32211	
PHEO - A	µg/1	32218	
CHL - A	µg/1	32210	
CHL - B	µg/1	32212	
CHL - C	µg/1	32214	
CHL TOT (A+B+C)	µg/1	32216	
PHEO RATIO (OD 663) b/a		32219	
Residue Non-Filterable (TSS)	MG/L	530	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: 7/13/82
REPORT VERIFIED BY: J Lewy
( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

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

GENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#639	8-24-82	1040	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 & Vamo Way Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT
WIND DIR.	DEG	36	—
WIND VEL	MPH	35	0
TEMP WATER	°C	10	27.0
D.O.	MG/L	299	***(3.5)
COND	µMHO/CM	94	—
pH FIELD	STD	400	—
SALINITY	PPTH	480	—
pH LAB	STD	403	7.5
COND LAB	µMHO/CM	95	824
TURBIDITY	NTU	76	1.1
COLOR	PtCo	80	100
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	300*
FECAL MF	#/100ML	31616	100*
FEC STREP MF	#/100ML	31679	420
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.45
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney, Mick
REPORT PREPARED BY: caw 8/31/82
REPORT VERIFIED BY: J. Gunn
( ) CHANGE DATE SUBMITTED

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

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SCA C	#639	9-20-82	1150	1.0
			TIME B COMPOSITE SAMPLE	
			COMP — 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 ~~Rd~~ Way Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT
WIND DIR.	DEG	36	—
WIND VEL	MPH	35	0
TEMP WATER	°C	10	27.0
D.O.	MG/L	299	***(3.0)
COND	µMHO/CM	94	—
FIELD	STD	400	—
SALINITY	PPTH	480	—
pH LAB	STD	403	7.6
COND LAB	µMHO/CM	95	3180
TURBIDITY	NTU	76	1.7
COLOR	PtCo	80	120
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	—
COLI MF	#/100ML	31501	~~410~~
FECAL MF	#/100ML	31616	210 ~~2500~~
FEC STREP MF	#/100ML	31679	2500
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO2 N	MG/L	615	
(NO2+NO3)-N	MG/L	630	
NH3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	6.56
TOTAL RESIDUE NON-FILTERABLE (TSS)	MG/L	530	
Residue Volatile NON-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	MG/L	540	
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: caw 9/27/82
REPORT VERIFIED BY: J Green
( ) CHANGE DATE SUBMITTED

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

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	639	10/25/82	1138	1.0
			TIME B COMPOSITE SAMPLE	
			COMP 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 Ramp Way Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	out
WIND DIR.	DEG	36	—
WIND VEL	MPH	35	0
TEMP WATER	°C	10	18.5
D.O.	MG/L	299	6.3
COND	µMHO/CM	94	n.r. 970
pH FIELD	STD	400	
SALINITY	PPTH	480	0.8
pH LAB	STD	403	7.6
COND LAB	µMHO/CM	95	n.r. 971
TURBIDITY	NTU	76	6.8
COLOR	PtCo	80	60
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	100*
FECAL MF	#/100ML	31616	80*
FEC STREP MF	#/100ML	31679	11.00*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950*	0.53
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable(TDS)	MG/L	70300	
AGENCY	STD	27	

DATA ENTERED BY: WREFORD | HICK
REPORT PREPARED BY: caw 11/1/82
REPORT VERIFIED BY:
( ) CHANGE DATE SUBMITTE

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

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
S A C	#639	11-30-82	1100	1.5'

TIME B COMPOSITE SAMPLE — COMP — BEGIN — END

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

REMARKS

*Estimated count.

LOCATION Stream Run #1
Catfish Creek at Vamo Way Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	000043	OUT
WIND DIR.	DEG	36	90
WIND VEL	MPH	35	3
TEMP WATER	°C	10	22.0
D.O.	MG/L	299	5.1
COND	µMHO/CM	94	4300
[illegible] FIELD	STD	400	—
SALINITY	PPTH	480	3.0
pH LAB	STD	403	7.5
COND LAB	µMHO/CM	95	4250
TURBIDITY	NTU	76	5.5
COLOR	PtCo	80	110
[illegible] LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
[illegible] MF	#/100ML	31501	(****23000*)
FECAL MF	#/100ML	31616	700*
[illegible] STREP MF	#/100ML	31679	800
[illegible] RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
TOTAL RESIDUE NON-FILTERABLE (TSS)	MG/L	530	
Residue Volatile NON-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	MG/L	540	
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: caw 12/8/82
REPORT VERIFIED BY: [signature]
( ) CHANGE DATE SUBMITTED

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

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
S A C	#639	1-10-83	1230	1.0

TIME B COMPOSITE SAMPLE — COMP — BEGIN — END

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

REMARKS ⊛ Cond. difference due to poor mixing in stream

*Estimated count.

LOCATION Stream Rm #1
Catfish Creek & Vano way Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT ✓
WIND DIR.	DEG	36	90 ✓
WIND VEL	MPH	35	5 ✓
TEMP WATER	°C	10	22.0 ✓
D.O.	MG/L	299	9.4 ✓
COND	µMHO/CM	94	⊛ ~~23000~~ 24500 ✓
FIELD	STD	400	—
SALINITY	PPTH	480	15.0 ✓
pH LAB	STD	403	7.4 ✓
COND LAB	µMHO/CM	95	⊛ 7850 ✓
TURBIDITY	NTU	76	3.5 ✓
COLOR	PtCo	80	110 ✓
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	**** 3200 ✓
FECAL MF	#/100ML	31616	**** 980 *
STREP MF	#/100ML	31679	700 * ✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
TOTAL RESIDUE NON-FILTERABLE (TSS)	MG/L	530	
Residue Volatile NON-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	MG/L	540	
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: caw 1/17/83
REPORT VERIFIED BY: J Gunn
( ) CHANGE DATE SUBMITTE

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM Lab# 34

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#639	2-8-83	1040	1.0
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP END	

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

REMARKS

*Estimated count.

LOCATION Stream run #1 catFish creek & Vamo way Bridge

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-Filterable (TSS)	MG/L	530	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	

SAMPLE TAKEN BY: Malowa
REPORT PREPARED BY: 2/16/83
REPORT VERIFIED BY: J Glen
( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 127

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#639	3-28-83	1115	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 at Fish Creek & Vamo Way Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	340
WIND VEL	MPH	35	3
TEMP WATER	°C	10	19.0
D.O.	MG/L	299	6.0
COND	µMHO/CM	94	510
pH FIELD	STD	400	—
SALINITY	PPTH	480	0.0
pH LAB	STD	403	7.3
COND LAB	µMHO/CM	95	504
TURBIDITY	NTU	76	4.6
COLOR	PtCo	80	160
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	****3000*
FECAL MF	#/100ML	31616	530
FEC STREP MF	#/100ML	31679	700*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.280
P TOT	MG/L	665	0.315
NO_2 N	MG/L	615	<0.020
(NO_2+NO_3)-N	MG/L	630	0.143
NH_3 N	MG/L	608	0.040
ORGANIC N	MG/L	605	1.369
N KJEL (TKN)	MG/L	625	1.409
N TOT	MG/L	600	1.552
FLUORIDES DISSOLVED	MG/L	950	0.26
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 4/5/83

REPORT VERIFIED BY: [signature] 5-17-83

( ) CHANGE DATE SUBMITTED

ENVIRONMENTAL SERVICES
~~Pollution Control~~ Division
Sarasota County ~~Pollution Control~~ Laboratory
ENVIRONMENTAL SERVICES
WATER QUALITY REPORT FORM Lab # 192

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
ARA C	24 01 0639	4-25-83	1145	1.0
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP 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
TIDE DIR	STD	500043	OUT
WIND DIR	DEG	36	45
WIND VEL	MPH	35	5
TEMP WATER	°C	10	20.0
D.O.	MG/L	299	6.6
COND	µMHO/CM	94	2000
pH FIELD	STD	400	-
SALINITY	PPTH	480	1.0
pH LAB	STD	403	7.6
COND LAB	µMHO/CM	95	1801
TURBIDITY	NTU	76	7.5
COLOR	PtCo	80	110
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000 *
FECAL MF	#/100ML	31616	270
FEC STREP MF	#/100ML	31679	150
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.021
P TOT	MG/L	665	0.184
NO_2 N	MG/L	615	<0.020
(NO_2+NO_3)-N	MG/L	630	0.020
NH_3 N	MG/L	608	0.100
ORGANIC N	MG/L	605	1.380
N KJEL (TKN)	MG/L	625	1.480
N TOT	MG/L	600	1.500
FLUORIDES DISSOLVED	MG/L	950	0.54
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: caw 5/2/83
REPORT VERIFIED BY: 6-22-83
( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 244

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0639	5-31-83	1210	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 Uamo Way Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	40
WIND VEL	MPH	35	5
TEMP WATER	°C	10	27.0
D.O.	MG/L	299	~~2.3~~
COND	µMHO/CM	94	1150
pH FIELD	STD	400	-
SALINITY	PPTH	480	2.0
pH LAB	STD	403	7.8
COND LAB	µMHO/CM	95	8569
TURBIDITY	NTU	76	5.4
COLOR	PtCo	80	90
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	NA
FECAL MF	#/100ML	31616	320
FEC STREP MF	#/100ML	31679	16,000+
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.344
P TOT	MG/L	665	1.435
NO_2 N	MG/L	615	< 0.020
(NO_2+NO_3)-N	MG/L	630	0.028
NH_3 N	MG/L	608	0.158
ORGANIC N	MG/L	605	1.130
N KJEL (TKN)	MG/L	625	1.288
N TOT	MG/L	600	1.316
FLUORIDES DISSOLVED	MG/L	950	0.67
SULFATE DISSOLVED	MG/L	946	469.9
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: [signature] 6/6/83

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

JUL 1983
RECEIVED
ENVIRONMENTAL

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 312

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0639	7-5-83	1040	1.0
			TIME B COMPOSITE SAMPLE	
			COMP 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
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0
TEMP WATER	°C	10	27.0
D.O.	MG/L	299	***2.5
COND	µMHO/CM	94	-
FIELD	STD	400	-
SALINITY	PPTH	480	-
pH LAB	STD	403	7.8
COND LAB	µMHO/CM	95	1947
TURBIDITY	NTU	76	4.2
COLOR	PtCo	80	60
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000*
FECAL MF	#/100ML	31616	280
FEC STREP MF	#/100ML	31679	>10000*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.57
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: [signature] 7/11/83

REPORT VERIFIED BY:

( ) CHANGE

DATE SUBMITTE

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 — 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
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0
TEMP WATER	°C	10	26.5
D.O.	MG/L	299	***3.0
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
SALINITY	PPTH	480	-
pH LAB	STD	403	7.4
COND LAB	µMHO/CM	95	446
TURBIDITY	NTU	76	5.4
COLOR	PtCo	80	220
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	NA
FECAL MF	#/100ML	31616	****>6000*
FEC STREP MF	#/100ML	31679	>10000*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.32
SULFATE DISSOLVED	MG/L	946	65.2
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Mallory
REPORT PREPARED BY: J. Butler 8/15/83

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 441

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0639	9-6-83	1045	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 Jamo way Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	120
WIND VEL	MPH	35	5
TEMP WATER	°C	10	26.0
D.O.	MG/L	299	**** 2.5
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
SALINITY	PPTH	480	-
pH LAB	STD	403	7.3
COND LAB	µMHO/CM	95	350
TURBIDITY	NTU	76	3.4
COLOR	PtCo	80	200
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000 *
FECAL MF	#/100ML	31616	100 *
FEC STREP MF	#/100ML	31679	46000
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.24
SULFATE DISSOLVED	MG/L	946	43.3
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Mahoney
REPORT PREPARED BY: J. Bailey 9/12/83

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 540

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0639	10-24-83	10.80	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
TIDE DIR	STD	00043	00r
WIND DIR	DEG	36	—
WIND VEL	MPH	35	0
TEMP WATER	°C	10	—
D.O.	MG/L	299	—
COND	µMHO/CM	94	—
pH FIELD	STD	400	—
SALINITY	PPTH	480	—
pH LAB	STD	403	7.5
COND LAB	µMHO/CM	95	827
TURBIDITY	NTU	76	2.1
COLOR	PtCo	80	110
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	4.8
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	1/00 *
FECAL MF	#/100ML	31616	30 *
FEC STREP MF	#/100ML	31679	2900
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.302
P TOT	MG/L	665	0.305
NO_2 N	MG/L	615	<0.020
(NO_2+NO_3)-N	MG/L	630	0.133
NH_3 N	MG/L	608	<0.020
ORGANIC N	MG/L	605	1.195
N KJEL (TKN)	MG/L	625	1.195
N TOT	MG/L	600	1.328
FLUORIDES DISSOLVED	MG/L	950	0.36
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: [signature]
REPORT PREPARED BY: [signature] 10/31/83
REPORT VERIFIED BY:
( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 590

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0639	11-21-83	1020	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
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	90
WIND VEL	MPH	35	5
TEMP WATER	°C	10	18.0
D.O.	MG/L	299	6.3
COND	µMHO/CM	94	—
pH FIELD	STD	400	—
SALINITY	PPTH	480	—
pH LAB	STD	403	7.5
COND LAB	µMHO/CM	95	1030
TURBIDITY	NTU	76	2.7
COLOR	PtCo	80	120
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	****3100
FECAL MF	#/100ML	31616	****1200* ~~2300~~ Lm
FEC STREP MF	#/100ML	31679	2100
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: M. Lowery

REPORT PREPARED BY: J. Berry 11/28/83

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 651

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0639	12-21-83	1110	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 Vano Way Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	10
WIND VEL	MPH	35	3
TEMP WATER	°C	10	19.0
D.O.	MG/L	299	5.5
COND	µMHO/CM	94	420
pH FIELD	STD	400	-
SALINITY	PPTH	480	0.0
pH LAB	STD	403	7.5
COND LAB	µMHO/CM	95	484
TURBIDITY	NTU	76	3.6
COLOR	PtCo	80	160
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<100*
FECAL MF	#/100ML	31616	20*
FEC STREP MF	#/100ML	31679	
CHLORINE RESIDUE	MG/L	.....	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.36
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: [signature] 12/23/83

REPORT VERIFIED BY:

( ) 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	
			COMP END	

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

REMARKS Q.A. Note: TKN spike recovery average 112.60%

*Estimated count.

LOCATION Stream Run #1
Catfish Creek at Vamo Way bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	90
WIND VEL	MPH	35	10
TEMP WATER	°C	10	17.0
D.O.	MG/L	299	7.8
COND	µMHO/CM	94	650
pH FIELD	STD	400	—
SALINITY	PPTH	480	0.0
pH LAB	STD	403	7.7
COND LAB	µMHO/CM	95	746
TURBIDITY	NTU	76	3.9
COLOR	PtCo	80	90
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000*
FECAL MF	#/100ML	31616	280
FEC STREP MF	#/100ML	31679	300*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.243
P TOT	MG/L	665	N.A.
NO_2 N	MG/L	615	0.030
(NO_2+NO_3)-N	MG/L	630	0.143
NH_3 N	MG/L	608	0.020
ORGANIC N	MG/L	605	1.155
N KJEL (TKN)	MG/L	625	1.175
N TOT	MG/L	600	1.318
FLUORIDES DISSOLVED	MG/L	950	0.61
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: [signature] 2/2/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 120

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0639	2-27-84	1125	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
TIDE DIR	STD	00043	IN
WIND DIR	DEG	36	140
WIND VEL	MPH	35	30
TEMP WATER	°C	10	20.5
D.O.	MG/L	299	5.8
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
SALINITY	PPTH	480	-
pH LAB	STD	403	7.7
COND LAB	µMHO/CM	95	986
TURBIDITY	NTU	76	3.3
COLOR	PtCo	80	80
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000 *
FECAL MF	#/100ML	31616	330
FEC STREP MF	#/100ML	31679	1000 *
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.192
P TOT	MG/L	665	N.A.
NO_2 N	MG/L	615	<0.020
(NO_2+NO_3)-N	MG/L	630	0.024
NH_3 N	MG/L	608	<0.020
ORGANIC N	MG/L	605	1.343
N KJEL (TKN)	MG/L	625	1.343
N TOT	MG/L	600	1.367
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: J. Gunn / 3/5/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 202

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0639	4-2-84	1040	1.0
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP END	

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%

*Estimated count.

LOCATION Stream Run #4

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	90
WIND VEL	MPH	35	5
TEMP WATER	°C	10	16.5
D.O.	MG/L	299	5.2
COND	µMHO/CM	94	—
pH FIELD	STD	400	—
SALINITY	PPTH	480	—
pH LAB	STD	403	7.7
COND LAB	µMHO/CM	95	833
TURBIDITY	NTU	76	2.8
COLOR	PtCo	80	90
T.O.C. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	< 1000 *
FECAL MF	#/100ML	31616	610 *
FEC STREP MF	#/100ML	31679	1600 *
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.173
P TOT	MG/L	665	0.184
NO_2 N	MG/L	615	< 0.020
(NO_2+NO_3)-N	MG/L	630	< 0.020
NH_3 N	MG/L	608	0.050
ORGANIC N	MG/L	605	1.186
N KJEL (TKN)	MG/L	625	1.236
N TOT	MG/L	600	1.236
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: J. Guerry

REPORT VERIFIED BY:

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 264

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0639	5-2-84	1030	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
TIDE DIR	STD	00043	IN
WIND DIR	DEG	36	90
WIND VEL	MPH	35	3
TEMP WATER	°C	10	25.0
D.O.	MG/L	299	**** 3.8
COND	µMHO/CM	94	2750
pH FIELD	STD	400	7.1
SALINITY	PPTH	480	1.5
pH LAB	STD	403	7.7
COND LAB	µMHO/CM	95	2252
TURBIDITY	NTU	76	4.0
COLOR	PtCo	80	100
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000 *
FECAL MF	#/100ML	31616	200
FEC STREP MF	#/100ML	31679	1100 *
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO2 N	MG/L	615	
(NO2+NO3)-N	MG/L	630	
NH3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney, Ellison

REPORT PREPARED BY: J Gum 5/14/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 322

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0639	6-6-84	1040	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

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	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	26.5	(NO_2+NO_3)-N	MG/L	630	
D.O.	MG/L	299	***3.7	NH_3 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-Filterable (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	90*				
FEC STREP MF	#/100ML	31679	900*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: [signature] 6/11/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 384

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0639	7-9-84	0905	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 Rd. Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0
TEMP WATER	°C	10	26.0
D.O.	MG/L	299	***4.0
COND	µMHO/CM	94	-
pH FIELD	STD	400	7.1
SALINITY	PPTH	480	-
pH LAB	STD	403	7.7
COND LAB	µMHO/CM	95	1681
TURBIDITY	NTU	76	1.7
COLOR	PtCo	80	60
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<100*
FECAL MF	#/100ML	31616	50*
FEC STREP MF	#/100ML	31679	1400*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.284
P TOT	MG/L	665	N.A.
NO_2 N	MG/L	630	<0.020
(NO_2+NO_3)-N	MG/L	630	0.112
NH_3 N	MG/L	608	0.050
ORGANIC N	MG/L	605	0.790
N KJEL (TKN)	MG/L	625	0.840
N TOT	MG/L	600	0.952
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: J Green 7/17/84

REPORT VERIFIED BY:

SIGNATURE — DATE SUBMITTED

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 429

AGENCY	STATION	DATE
ARA C	24-01-0639	8-1-84

TIME A - GRAB SAMPLE: 1100
TIME B COMPOSITE SAMPLE: BEGIN / END
COMP
DEPTH: 1.0

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
TIDE DIR	STD	900043	OUT
WIND DIR	DEG	36	90
WIND VEL	MPH	35	5
TEMP WATER	°C	10	25.0
D.O.	MG/L	299	***4.3
COND	µMHO/CM	94	-
FIELD	STD	400	-
SALINITY	PPTH	480	-
pH LAB	STD	403	7.4
COND LAB	µMHO/CM	95	734
TURBIDITY	NTU	76	1.4
COLOR	PtCo	80	120
LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<100*
FECAL MF	#/100ML	31616	70*
STREP MF	#/100ML	31679	1000*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	630	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: [illegible] 8/6/84
REPORT VERIFIED BY:

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 524

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
ARA C	24-01-0639	9-19-84	1130	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
TIDE DIR	STD	900043	OUT
WIND DIR	DEG	36	90
WIND VEL	MPH	35	10
TEMP WATER	°C	10	25.0
D.O.	MG/L	299	~~***~~ 3.2
COND	µMHO/CM	94	6500
H FIELD	STD	400	—
SALINITY	PPTH	480	3.5
pH LAB	STD	403	7.5
COND LAB	µMHO/CM	95	4188
TURBIDITY	NTU	76	1.8
COLOR	PtCo	80	90
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	< 1000 *
FECAL MF	#/100ML	31616	700 *
FEC STREP MF	#/100ML	31679	8900
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	630	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Malone

REPORT PREPARED BY: [signature] 9/21/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 591

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

AGENCY	STATION	DATE
SARA C	24-01-0639	10-24-84

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
TIDE DIR	STD	00043	IN
WIND DIR	DEG	36	—
WIND VEL	MPH	35	0
TEMP WATER	°C	10	25.0
D.O.	MG/L	299	0.5
COND	µMHO/CM	94	40000
pH FIELD	STD	400	—
SALINITY	PPTH	480	26.0
pH LAB	STD	403	7.6
COND LAB	µMHO/CM	95	28119
TURBIDITY	NTU	76	7.4
COLOR	PtCo	80	90
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000*
FECAL MF	#/100ML	31616	220
FEC STREP MF	#/100ML	31679	13000*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	~~630~~	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Mooney

REPORT PREPARED BY: J Guest 10/26/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 645

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
ARA C	24-01-0639	11-26-84	1045	0.5
			TIME B COMPOSITE SAMPLE	
			COMP — BEGIN	
			END	

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
TIDE DIR	STD	67	5000
WIND DIR	DEG	36	90
WIND VEL	MPH	35	5
TEMP WATER	°C	10	19.0
D.O.	MG/L	299	7.3
COND	µMHO/CM	94	26140
H FIELD	STD	400	—
SALINITY	PPTH	480	15.5
pH LAB	STD	403	8.0
COND LAB	µMHO/CM	95	14200
TURBIDITY	NTU	76	2.3
COLOR	PtCo	80	60
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	K1000 J
FECAL MF	#/100ML	31616	280
FEC STREP MF	#/100ML	31679	6200
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.374
P TOT	MG/L	665	N.A.
NO2 N	MG/L	~~650~~	0.021
(NO2+NO3)-N	MG/L	630	0.106
NH3 N	MG/L	608	0.050
ORGANIC N	MG/L	605	1.125
N KJEL (TKN)	MG/L	625	1.175
N TOT	MG/L	600	1.281
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: [signature] 12/7/84

REPORT VERIFIED BY:
( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 39

VCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
RA C	24-01-0639	1-21-85	1040	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 #1 catFish creek & Vamo way Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J
WIND DIR	DEG	36	30
WIND VEL	MPH	35	15
TEMP WATER	°C	10	13.0
D.O.	MG/L	299	5.0
COND	µMHO/CM	94	32900
FIELD	STD	400	—
SALINITY	PPTH	480	17.0
pH LAB	STD	403	8.0
COND LAB	µMHO/CM	95	30671
TURBIDITY	NTU	76	10.6
COLOR	PtCo	80	90
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	K 1000
FECAL MF	#/100ML	31616	270
STREP MF	#/100ML	31679	2500
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	N.A.
P TOT	MG/L	665	0.661
NO_2 N	MG/L	~~650~~	0
(NO_2+NO_3)-N	MG/L	630	0
NH_3 N	MG/L	608	N.A.
ORGANIC N	MG/L	605	N.A.
N KJEL (TKN)	MG/L	625	3.188
N TOT	MG/L	600	N.A.
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: M Lange
REPORT PREPARED BY: J Glenn 1/30/85
REPORT VERIFIED BY:
CHANGE
DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 131

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
ARA C	24-01-0639	2-25-85	1115	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 #1 Cat Fish Creek at Vamo way Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000J
WIND DIR	DEG	36	110
WIND VEL	MPH	35	5
TEMP WATER	°C	10	23.0
D.O.	MG/L	299	****2.8
COND	µMHO/CM	94	17710
H FIELD	STD	400	—
SALINITY	PPTH	480	10.0
pH LAB	STD	403	7.6
COND LAB	µMHO/CM	95	20251
TURBIDITY	NTU	76	4.7
COLOR	PtCo	80	70
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	K 1000
FECAL MF	#/100ML	31616	680 J
FEC STREP MF	#/100ML	31679	500 J
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO2 N	MG/L	~~650~~	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: MAlowney
REPORT PREPARED BY: J Gray 2/28/85

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 238

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0639	3-25-85	1340	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 #1 Catfish Creek at Vamo way Bridge

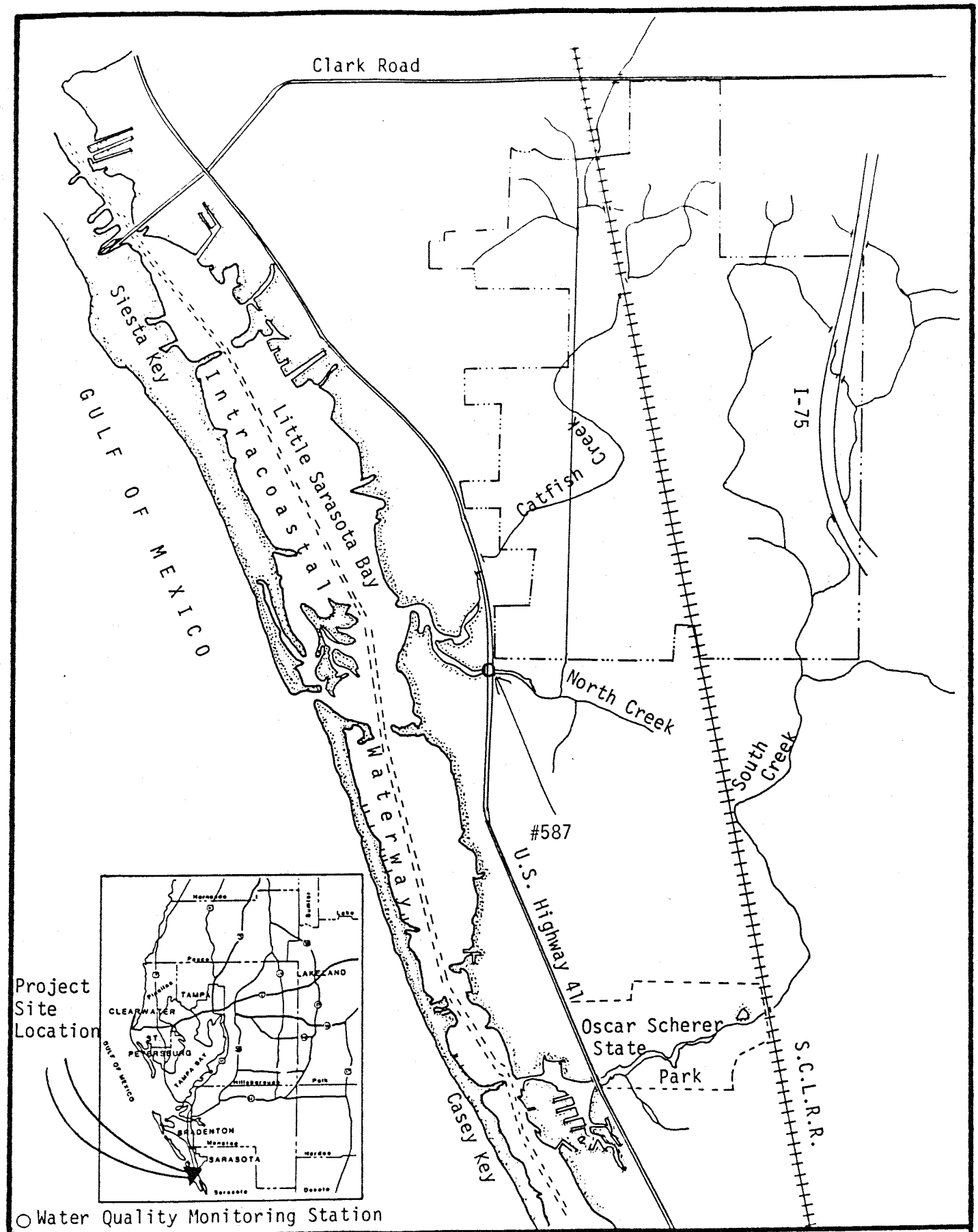
PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J
WIND DIR	DEG	36	45
WIND VEL	MPH	35	5
TEMP WATER	°C	10	27.0
D.O.	MG/L	299	**** 3.3
COND	µMHO/CM	94	6500
pH FIELD	STD	400	-
SALINITY	PPTH	480	5.0
pH LAB	STD	403	7.8
COND LAB	µMHO/CM	95	6938
TURBIDITY	NTU	76	4.3
COLOR	PtCo	80	60
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	n.a.
FECAL MF	#/100ML	31616	**** 2300 J
FEC STREP MF	#/100ML	31679	800 J
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.871
P TOT	MG/L	665	1.092
NO2 N	MG/L	~~650~~	0.895
(NO2+NO3)-N	MG/L	630	1.341
NH3 N	MG/L	608	0.020
ORGANIC N	MG/L	605	2.186
N KJEL (TKN)	MG/L	625	2.206
N TOT	MG/L	600	3.547
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Mahoney
REPORT PREPARED BY: J Glen 4/1/85
REPORT VERIFIED BY:
( ) CHANGE 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

N

Pollution Control Division
1301 Cattlemen Rd.
Sarasota, FL 33582

WATER QUALITY REPORT FORM

LAB # 42

TIME A - GRAB SAMPLE		DEPTH
0845		
TIME B COMPOSITE SAMPLE		
COMP	BEGIN	1.0 ft
	END	

AGENCY	STATION	DATE
SARA C	24.01.0587	2/4/80

REMARKS

LOCATION Stream Run #5

North Creek Bridge at US 41 North of Osprey

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2 ✓
WIND DIR	DEG	36	-
WIND VEL	MPH	35	-
TEMP WATER	°C	10	18.0 ✓
D.O.	MG/L	299	***4.8 ✓
COND	µMHO/CM	94	34000 ✓
pH FIELD	STD	400	7.8 ✓
REDOX (EH)	MV	90	430 ✓
pH LAB	STD	403	7.75 ✓
COND LAB	µMHO/CM	95	21000 ✓
TURBIDITY	FTU	76	3.4 ✓
COLOR	PtCo	80	70 ✓
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
COLI MF	#/100ML	31501	2200 ✓
FECAL MF	#/100ML	31616	550 ✓
FEC. STREP MF	#/100ML	31679	610 ✓
Chlorine Residue	MG/L	50060	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.054 ✓
P TOT	MG/L	665	NA
NO_2 N	MG/L	615	0.000 ✓
(NO_2+NO_3)-N	MG/L	630	0.000
NH_3 N	MG/L	608	0.040 ✓
ORGANIC N	MG/L	605	1.267 ✓
N KJEL (TKN)	MG/L	625	1.307 ✓
N TOT	MG/L	600	1.307 ✓
Total Alkalinity	MG/L	410	
Residue Non-Filterable (TSS)	MG/L	530	
Residue Volatile Non-Filterable (Total Suspended Volatile Solids)	MG/L	535	
Residue, Fixed Non-Filterable (Total Suspended Fixed Solids)			
Residue Filterable(TDS)	MG/L	70300	
AGENCY	STD	27	8074

SAMPLE TAKEN BY: Maloney/Helton

REPORT PREPARED BY Date

REPORT VERIFIED BY: J. Gueny

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 111

AGENCY	STATION	DATE
SARA C	24.01.0587	3/18/80

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

*Estimated count.

LOCATION Stream Run #5

North Creek at US 41 Bridge north of Osprey.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓
WIND DIR	DEG	36	200✓
WIND VEL	MPH	35	3✓
TEMP WATER	°C	10	24✓
D.O.	MG/L	299	***3.8✓
COND	µMHO/CM	94	31000✓
pH FIELD	STD	400	7.4✓
REDOX (EH)	MV	90	-
pH LAB	STD	403	-
COND LAB	µMHO/CM	95	-
TURBIDITY	NTU	76	2.8✓
COLOR	PtCo	80	80✓
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
COLI MF	#/100ML	31501	****3400✓
FECAL MF	#/100ML	31616	410✓
FEC STREP MF	#/100ML	31679	30*✓
CHLORINE RESIDUE	MG/L	50060	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 3-24-80

REPORT VERIFIED BY: J Gunn

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 145

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0587	4/15/80	0840	1.0 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

North Creek at US 41 Bridge, North of Osprey.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓
WIND DIR	DEG	36	300✓
WIND VEL	MPH	35	3✓
TEMP WATER	°C	10	20✓
D.O.	MG/L	299	***3.7✓
COND	µMHO/CM	94	-
pH FIELD	STD	400	7.8✓
REDOX (EH)	MV	90	180✓
pH LAB	STD	403	-
COND LAB	µMHO/CM	95	33000✓
TURBIDITY	NTU	76	2.6✓
COLOR	PtCo	80	50✓
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
COLI MF	#/100ML	31501	1000*✓
FECAL MF	#/100ML	31616	190*✓
FEC STREP MF	#/100ML	31679	100*✓
CHLORINE RESIDUE	MG/L	50060	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	-		
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 4-23-80

REPORT VERIFIED BY: [signature]

( ) 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	24.01.0587	5/5/80	0945	1.0 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

North Creek at US 41 Bridge.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	
WIND DIR	DEG	36	330✓
WIND VEL	MPH	35	3✓
TEMP WATER	°C	10	26✓
D.O.	MG/L	299	-
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.64✓
COND LAB	µMHO/CM	95	38500✓
TURBIDITY	NTU	76	2.8✓
COLOR	PtCo	80	60✓
D.O. LAB	MG/L	300	***3.5✓
BOD	MG/L	310	
COD	MG/L	335	
COLI MF	#/100ML	31501	1300*✓
FECAL MF	#/100ML	31616	<10*✓
FEC STREP MF	#/100ML	31679	<10*✓
CHLORINE RESIDUE	MG/L	50060	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 5-8-80

REPORT VERIFIED BY: J Burn

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 254

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0587	6/30/80	0915	1.0 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

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	NO_2 N	MG/L	615	
TEMP WATER	°C	10	32	(NO_2+NO_3)-N	MG/L	630	
D.O.	MG/L	299	-	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 (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 (Secci)	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 PREPARED BY: caw 7-2-80

REPORT VERIFIED BY: J. Gurney

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 281

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0587	7/28/80	0950	1.0 ft.
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP END	

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
TIDE DIR	STD	900043	1
WIND DIR	DEG	36	225
WIND VEL	MPH	35	3
TEMP WATER	°C	10	31.5
D.O.	MG/L	299	-
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.64
COND LAB	µMHO/CM	95	38000
TURBIDITY	NTU	76	2.8
COLOR	PtCo	80	60
D.O. LAB	MG/L	300	***a.7
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	300*
FECAL MF	#/100ML	31616	20*
FEC STREP MF	#/100ML	31679	150*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 7-31-80

REPORT VERIFIED BY: J Gray

( ) 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

*Estimated count.

LOCATION Stream Run #5

North Creek at US 41 Bridge.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2 ✓
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0 ✓
TEMP WATER	°C	10	32.4 ✓
D.O.	MG/L	299	~~***~~ 1.9 ✓
COND	µMHO/CM	94	36500 ✓
pH FIELD	STD	400	7.0 ✓
REDOX (EH)	MV	90	129 ✓
pH LAB	STD	403	-
COND LAB	µMHO/CM	95	-
TURBIDITY	NTU	76	4.7 ✓
COLOR	PtCo	80	70 ✓
D.O. LAB	MG/L	-	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	800* ✓
FECAL MF	#/100ML	31616	60* ✓
FEC STREP MF	#/100ML	31679	<10* ✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 9-11-80

REPORT VERIFIED BY: J Gues

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 375

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0587	10/13/80	1140	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

North Creek at US 41 Bridge.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓
WIND DIR	DEG	36	25✓
WIND VEL	MPH	35	3✓
TEMP WATER	°C	10	25✓
D.O.	MG/L	299	***2.1✓
COND	µMHO/CM	94	46000✓
pH FIELD	STD	400	7.3✓
REDOX (EH)	MV	90	240✓
pH LAB	STD	403	7.66✓
COND LAB	µMHO/CM	95	-
TURBIDITY	NTU	76	2.0✓
COLOR	PtCo	80	40✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	***5100✓
FECAL MF	#/100ML	31616	50*✓
FEC STREP MF	#/100ML	31679	10*✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.162✓
P TOT	MG/L	665	0.936✓
NO_2 N	MG/L	615	0.000✓
(NO_2+NO_3)-N	MG/L	630	0.000✓
NH_3 N	MG/L	608	0.040✓
ORGANIC N	MG/L	605	2.040✓
N KJEL (TKN)	MG/L	625	2.128✓
N TOT	MG/L	600	2.128✓
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 10-27-80

REPORT VERIFIED BY: J Brun

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 439

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0587	12/15/80	1145	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

North Creek at US 41 Bridge.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓
WIND DIR	DEG	36	45✓
WIND VEL	MPH	35	3✓
TEMP WATER	°C	10	-
D.O.	MG/L	299	****4.0✓
COND	µMHO/CM	94	40900✓
pH FIELD	STD	400	7.2✓
REDOX (EH)	MV	90	144✓
pH LAB	STD	403	-
COND LAB	µMHO/CM	95	34000✓
TURBIDITY	NTU	76	2.5✓
COLOR	PtCo	80	30✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	100*✓
FECAL MF	#/100ML	31616	30*✓
FEC STREP MF	#/100ML	31679	K10 ✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable(TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 12-17-80

REPORT VERIFIED BY: J. Bacon

( )CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 17

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0587	1/19/81	1215	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

North Creek at US 41 bridge.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	1
WIND DIR	DEG	36	10
WIND VEL	MPH	35	3
TEMP WATER	°C	10	13
D.O.	MG/L	299	-
COND	µMHO/CM	94	42000
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.92
COND LAB	µMHO/CM	95	-
TURBIDITY	NTU	76	1.2
COLOR	PtCo	80	30
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	200*
FECAL MF	#/100ML	31616	30*
FEC STREP MF	#/100ML	31679	<10*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	-		
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 1-22-81

REPORT VERIFIED BY: J Guy

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 40

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0587	2/2/81	1150	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

North Creek at US 41 bridge.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2 ✔
WIND DIR	DEG	36	320 ✔
WIND VEL	MPH	35	15 ✔
TEMP WATER	°C	10	19.8 ✔
D.O.	MG/L	299	***3.9 ✔
COND	µMHO/CM	94	40800 ✔
pH FIELD	STD	400	7.1 ✔
REDOX (EH)	MV	90	175 ✔
pH LAB	STD	403	7.83 ✔
COND LAB	µMHO/CM	95	36000 ✔
TURBIDITY	NTU	76	1.8 ✔
COLOR	PtCo	80	30 ✔
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	****3300 ✔
FECAL MF	#/100ML	31616	***940* ✔
FEC STREP MF	#/100ML	31679	330* ✔
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.060 ✔
P TOT	MG/L	665	0.149 ✔
NO_2 N	MG/L	615	0.000 ✔
(NO_2+NO_3)-N	MG/L	630	0.020 ✔
NH_3 N	MG/L	608	0.101 ✔
ORGANIC N	MG/L	605	1.279 ✔
N KJEL (TKN)	MG/L	625	1.380 ✔
N TOT	MG/L	600	1.400 ✔
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 3-12-81

REPORT VERIFIED BY: J. Gun

( ) 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	24.01.0587	3/2/81	1220	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 Stream Run #1

North Creek at US 41 bridge.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	1 ✓
WIND DIR	DEG	36	200 ✓
WIND VEL	MPH	35	3 ✓
TEMP WATER	°C	10	23.5 ✓
D.O.	MG/L	299	-
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.82 ✓
COND LAB	µMHO/CM	95	-
TURBIDITY	NTU	76	1.6 ✓
COLOR	PtCo	80	60 ✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	1100* ✓
FECAL MF	#/100ML	31616	470 ✓
FEC STREP MF	#/100ML	31679	10* ✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 3-5-81

REPORT VERIFIED BY: J Gunn

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 118

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0587	4/6/81	1110	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

North Creek at US 41 bridge.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	2✓
WIND DIR	DEG	36	30✓
WIND VEL	MPH	35	10✓
TEMP WATER	°C	10	25.5✓
D.O.	MG/L	300	2.2✓
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.71✓
COND LAB	µMHO/CM	95	37,000✓
TURBIDITY	NTU	76	4.4✓
COLOR	PtCo	80	50✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	640*✓
FECAL MF	#/100ML	31616	20*✓
FEC STREP MF	#/100ML	31679	<10*✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	-		
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 4-8-81

REPORT VERIFIED BY: J Gunn

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 169

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0587	5/11/81	1140	1.5 Ft.
			TIME B COMPOSITE SAMPLE	
			COMP — BEGIN	
			END	

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
TIDE DIR	STD	900043	2✓
WIND DIR	DEG	36	270✓
WIND VEL	MPH	35	3✓
TEMP WATER	°C	10	29✓
D.O.	MG/L	300	***4.3✓
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.59✓
COND LAB	µMHO/CM	95	(A)*43000✓
TURBIDITY	NTU	76	3.9✓
COLOR	PtCo	80	40✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	<100*✓
FECAL MF	#/100ML	31616	<10*✓
FEC STREP MF	#/100ML	31679	36*✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	-		
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 5-18-81

REPORT VERIFIED BY: J Burns

( ) CHANGE DATE SUBMITTED

Sarasota County
Pollution Control Department

WATER QUALITY REPORT FORM LAB# 214

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0587	6/15/81	1125	1.5 Ft.
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP 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
TIDE DIR	STD	900043	-
WIND DIR	DEG	36	90✓
WIND VEL	MPH	35	3✓
TEMP WATER	°C	10	29.5✓
D.O.	MG/L	299	***2.4✓
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX	MV	90	340✓
pH LAB	STD	403	7.73✓
COND LAB	µMHO/CM	95	47500✓
TURBIDITY	NTU	76	4.3✓
COLOR	PtCo	80	40✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci Disk)	Meters	00078	
COLI MF	#/100 ML	31501	100*✓
FECAL MF	#/100 ML	31616	<10*✓
FEC STREP MF	#/100 ML	31679	300 ✓
CHLORINE RESIDUE	MG/L	31679	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.220✓
P TOT	MG/L	665	0.373✓
NO_2 N	MG/L	615	0.000✓
(NO_2+NO_3)-N	MG/L	630	0.000✓
NH_3 N	MG/L	608	0.030✓
ORGANIC N	MG/L	605	1.291✓
N KJEL (TKN)	MG/L	625	1.321✓
N TOT	MG/L	600	1.321✓
FLUORIDES DIS	MG/L	950	0.97✓
CHL - A	MG/L	32230	
CHL - B	MG/L	32231	
CHL - C	MG/L	32232	
CHL TOT (A+B+C)	MG/L	32234	
PHEO - A	µg/l	32218	
PHEO RATIO (OD 663) a/b	µg/l	32219	
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 6-24-81

REPORT VERIFIED BY: J Guey

( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 239

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0587	6/30/81	1050	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

North Creek and US 41 bridge.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2 ✓
WIND DIR	DEG	36	90 ✓
WIND VEL	MPH	35	10 ✓
TEMP WATER	°C	10	27.2 ✓
D.O.	MG/L		~~****~~ 2.5
COND	µMHO/CM	94	50900
pH FIELD	STD	400	700 ✓
REDOX (EH)	MV	90	102 ✓
pH LAB	STD	403	-
COND LAB	µMHO/CM	95	-
TURBIDITY	NTU	76	3.4 ✓
COLOR	PtCo	80	40 ✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	1000* ✓
FECAL MF	#/100ML	31616	730* ✓
FEC STREP MF	#/100ML	31679	160* ✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.99 ✓
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	-		
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 7-6-81

REPORT VERIFIED BY: J Green

( ) CHANGE DATE SUBMITTED

Sarasota County
Pollution Control Department

WATER QUALITY REPORT FORM Lab# 278

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0587	8/3/81	1000	1.5 Ft.
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP 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
North Creek at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	
WIND DIR	DEG	36	160
WIND VEL	MPH	35	3
TEMP WATER	°C	10	27.5
D.O.	MG/L	299	3.1
COND	µMHO/CM	94	48000
pH FIELD	STD	400	-
REDOX	MV	90	-
pH LAB	STD	403	7.57
COND LAB	µMHO/CM	95	-
TURBIDITY	NTU	76	3.2
COLOR	PtCo	80	40
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci disk)	Meters	00078	
COLI MF	#/100 ML	31501	200*
FECAL MF	#/100 ML	31616	20*
FEC STREP MF	#/100 ML	31679	2000
CHLORINE RESIDUE	MG/L	31679	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.220
P TOT	MG/L	665	0.326
NO_2 N	MG/L	615	0.010
(NO_2+NO_3)-N	MG/L	630	0.000
NH_3 N	MG/L	608	0.185
ORGANIC N	MG/L	605	0.582
N KJEL (TKN)	MG/L	625	0.767
N TOT	MG/L	600	0.767
FLUORIDES DIS	MG/L	950	0.90
CHL-A CORR	µg/l	32211	6.68
PHEO - A	µg/l	32218	3.92
CHL - A	µg/l	32210	8.43
CHL - B	µg/l	32212	5.78
CHL - C	µg/l	32214	14.95
CHL TOT (A+B+C)	µg/l	32216	29.16
PHEO RATIO (OD 663) b/a		32219	1.44
Residue Filterable(TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: 8-14-81

REPORT VERIFIED BY: J. Swan

( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 319

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0587	8/31/81	1115	1.0 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

North Creek and US 41 bridge.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2 ✓
WIND DIR	DEG	36	90 ✓
WIND VEL	MPH	35	3 ✓
TEMP WATER	°C	10	27.0 ✓
D.O.	MG/L	300	***2.1 ✓
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.16 ✓
COND LAB	µMHO/CM	95	2100 ✓
TURBIDITY	NTU	76	2.5 ✓
COLOR	PtCo	80	225 ✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	100* ✓
FECAL MF	#/100ML	31616	36* ✓
FEC STREP MF	#/100ML	31679	240 ✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.49 ✓
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable(TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 9-4-81

REPORT VERIFIED BY: J. Green

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 375

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0587	10/5/81	0845	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

North Creek at US 41 bridge.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2
WIND DIR	DEG	36	90
WIND VEL	MPH	35	3
TEMP WATER	°C	10	27.0
D.O.	MG/L	300	~~****~~3.0
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.9
COND LAB	µMHO/CM	95	32,800
TURBIDITY	NTU	76	2.0
COLOR	PtCo	80	100
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	360*
FECAL MF	#/100ML	31616	50*
FEC STREP MF	#/100ML	31679	650*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.73
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	-		
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 10/13/81

REPORT VERIFIED BY: J. Gwen

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM

Lab # 419

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0587	11/9/81	1110	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

North Creek at US 41 bridge.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	2
WIND DIR	DEG	36	45
WIND VEL	MPH	35	5
TEMP WATER	°C	10	23.0
D.O.	MG/L		6.4
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	8.0
COND LAB	µMHO/CM	95	38400
TURBIDITY	NTU	76	2.8
COLOR	PtCo	80	25
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	<100*
FECAL MF	#/100ML	31616	<10*
FEC STREP MF	#/100ML	31679	2900
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	-		
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 11/12/81

REPORT VERIFIED BY: J. Gunn

( ) CHANGE DATE SUBMITTED

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM Lab# 3

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
ARA C	#587	1-5-82	1250	1.5
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP END	

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
TIDE	STD	900043	OUT
WIND DIR	DEG	36	10
WIND VEL	MPH	35	15
TEMP WATER	°C	10	17.0
D.O.	MG/L	300	**** 4.3
COND	µMHO/CM	94	—
FIELD	STD	400	—
REDOX	MV	90	—
pH LAB	STD	403	7.7
COND LAB	µMHO/CM	95	29900
TURBIDITY	NTU	76	3.5
COLOR	PtCo	80	25
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100 ML	31501	300 *
FECAL MF	#/100 ML	31616	160 *
FEC STREP MF	#/100 ML	31679	420
LORINE SIDUE	MG/L	31679	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.083
P TOT	MG/L	665	0.235
NO_2 N	MG/L	615	<0.020
(NO_2+NO_3)-N	MG/L	630 ~~620~~	<0.020
NH_3 N	MG/L	608 ~~610~~	<0.020
ORGANIC N	MG/L	605	1.605
N KJEL (TKN)	MG/L	625	1.605
N TOT	MG/L	600	1.605
FLUORIDES DIS	MG/L	950	1.14
CHL-A CORR	µg/l	32211	2.40
PHEO - A	µg/l	32218	1.52
CHL - A	µg/l	32210	3.30
CHL - B	µg/l	32212	0.92
CHL - C	µg/l	32214	0.26
CHL TOT (A+B+C)	µg/l	32216	4.48
PHEO RATIO (OD 663) b/a		32219	1.43
Residue Non-filterable (TSS)	MG/L	530	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: 1/25/82
REPORT VERIFIED BY: J Burn
( ) CHANGE 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 *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	45	P TOT	MG/L	665	
WIND VEL	MPH	35	10	NO_2 N	MG/L	615	
TEMP WATER	°C	10	17.0	(NO_2+NO_3)-N	MG/L	630	
D.O.	MG/L	300	6.3	NH_3 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	PPTH	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: Mabrey
REPORT PREPARED BY:
REPORT VERIFIED BY:

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

AGENCY	STATION	DATE
SARA C	#587	4-5-82

TIME A - GRAB SAMPLE: 0940
TIME B COMPOSITE SAMPLE: COMP — BEGIN — END
DEPTH: 1.0

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

REMARKS Turbidity Screen 40' 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
TIDE DIR	STD	000043	OUT
WIND DIR	DEG	36	90
WIND VEL	MPH	35	5
TEMP WATER	°C	10	22.0
D.O.	MG/L	300	***4.5
COND	µMHO/CM	94	17600
pH FIELD	STD	400	—
SALINITY	PPTH	480	12.0
pH LAB	STD	403	7.7
COND LAB	µMHO/CM	95	
TURBIDITY	NTU	76	3.2
COLOR	PtCo	80	80
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	800 *
FECAL MF	#/100ML	31616	140 *
EC STREB MF	#/100ML	31679	3600
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.141
P TOT	MG/L	665	0.197
NO_2 N	MG/L	615	<0.020
(NO_2+NO_3)-N	MG/L	630	<0.020
NH_3 N	MG/L	608	0.031
ORGANIC N	MG/L	605	1.239
N KJEL (TKN)	MG/L	625	1.270
N TOT	MG/L	600	1.270
FLUORIDES DISSOLVED	MG/L	950	0.63
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Malavey
REPORT PREPARED BY:
REPORT VERIFIED BY: J. Gunn
1/21/82
DATE SUBMITTED
CHANGE

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

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#587	5-3-82	1110	1.5
			TIME B - COMPOSITE SAMPLE	
			COMP — — BEGIN	
			END	

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

REMARKS

*Estimated count.

LOCATION Stream NW #1. North Creek @ US 41 Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	000043	IN	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	45	P TOT	MG/L	665	
WIND VEL	MPH	35	10	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	—	NH_3 N	MG/L	608	
COND	µMHO/CM	94	12500	ORGANIC N	MG/L	605	
PH FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	
SALINITY	PPTH	480	7.0	N TOT	MG/L	600	
PH LAB	STD	403	7.9	FLUORIDES DISSOLVED	MG/L	950	0.67
COND LAB	µMHO/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 (TSFS)			
COLI MF	#/100ML	31501	200*				
FECAL MF	#/100ML	31616	30*				
FEC STREP MF	#/100ML	31679	1200*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: caw 5/6/82
REPORT VERIFIED BY: J Guerry
( ) CHANGE DATE SUBMITTED

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM Lab# 241

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#587	7-7-82	1310	1.0
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP 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
TIDE	STD	900043	OUT
WIND DIR	DEG	36	180
WIND VEL	MPH	35	3
TEMP WATER	°C	10	31.0
D.O.	MG/L	300	6.8
COND	µMHO/CM	94	1400
pH FIELD	STD	400	—
SALINITY	PPTH	480	8.0
pH LAB	STD	403	8.0
COND LAB	µMHO/CM	95	1130
TURBIDITY	NTU	76	5.1
COLOR	PtCo	80	120
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100 ML	31501	200 *
FECAL MF	#/100 ML	31616	40 *
FEC STREP MF	#/100 ML	31679	2100
CHLORINE RESIDUE	MG/L	31679	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N. KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DIS	MG/L	950	0.56
CHL-A CORR	µg/l	32211	
PHEO - A	µg/l	32218	
CHL - A	µg/l	32210	
CHL - B	µg/l	32212	
CHL - C	µg/l	32214	
CHL TOT (A+B+C)	µg/l	32216	
PHEO RATIO (OD 663) b/a		32219	
Residue Non-Filterable (TSS)	MG/L	530	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: 7/12/82
REPORT VERIFIED BY: D. Emery
( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory
WATER QUALITY REPORT FORM Lab # 809

GENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#587	8-24-82	1045	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 Cree & US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT
WIND DIR.	DEG	36	—
WIND VEL	MPH	35	0
TEMP WATER	°C	10	27.5
D.O.	MG/L	299	***(3.7)
COND	µMHO/CM	94	—
pH FIELD	STD	400	—
SALINITY	PPTH	480	—
pH LAB	STD	403	7.6
COND LAB	µMHO/CM	95	1210
TURBIDITY	NTU	76	1.8
COLOR	PtCo	80	200
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	700*
FECAL MF	#/100ML	31616	140*
FEC STREP MF	#/100ML	31679	180*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.29
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney, Mick
REPORT PREPARED BY: caw 8/21/82
REPORT VERIFIED BY: J Gerry
( ) CHANGE DATE SUBMITTED

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

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#587	9-20-82	1205	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
TIDE DIR	STD	900043	OUT
WIND DIR.	DEG	36	—
WIND VEL	MPH	35	0
TEMP WATER	°C	10	30.0
D.O.	MG/L	299	****(2.8)
COND	µMHO/CM	94	—
pH FIELD	STD	400	—
SALINITY	PPTH	480	—
pH LAB	STD	403	7.7
COND LAB	µMHO/CM	95	25100
TURBIDITY	NTU	76	30
COLOR	PtCo	80	120
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
C .I MF	#/100ML	31501	—
FECAL MF	#/100ML	31616	80*
FEC STREP MF	#/100ML	31679	2300
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.72
TOTAL RESIDUE NON-FILTERABLE (TSS)	MG/L	530	
Residue Volatile NON-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	MG/L	540	
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: 9/29/82
REPORT VERIFIED BY: J. Guen
DATE SUBMITTED

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

VCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	587	10/25/82	11:50	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 at US 41 Brid

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	out
WIND DIR.	DEG	36	—
WIND VEL	MPH	35	0
TEMP WATER	°C	10	20.5
D.O.	MG/L	299	7.0
COND	µMHO/CM	94	n.r. lds. ~~10,500~~
pH FIELD	STD	400	
SALINITY	PPTH	480	2.50
pH LAB	STD	403	7.6
COND LAB	µMHO/CM	95	n.r. lds. ~~4010~~
TURBIDITY	NTU	76	3.5
COLOR	PtCo	80	70
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	550*
FECAL MF	#/100ML	31616	160*
FEC STREP MF	#/100ML	31679	13.00*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950[4]	0.45
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

DATA ENTERED BY: WREFORD | HICK
DATA REPORTED BY: caw 11/1/82
REPORT VERIFIED BY: L. Green
( ) CHANGE DATE SUBMITTED

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

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#587	11-30-82	1115	1.5'
			TIME B COMPOSITE SAMPLE	
			COMP — BEGIN	
			COMP — END	

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

REMARKS

*Estimated count.

LOCATION Stream Rm #1
North Creek at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT
WIND DIR.	DEG	36	90
WIND VEL	MPH	35	3
TEMP WATER	°C	10	27.0
D.O.	MG/L	299	5.3
COND	µMHO/CM	94	43000
pH FIELD	STD	400	—
SALINITY	PPTH	480	27.0
pH LAB	STD	403	7.4
COND LAB	µMHO/CM	95	23770
TURBIDITY	NTU	76	3.0
COLOR	PtCo	80	90
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	1900 *
FECAL MF	#/100ML	31616	280 ■
STREP MF	#/100ML	31679	500 *
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
TOTAL RESIDUE NON-FILTERABLE (TSS)	MG/L	530	
Residue Volatile NON-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	MG/L	540	
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Malony
REPORT PREPARED BY: caw 12/8/82
REPORT VERIFIED BY: D Gunn
( ) CHANGE DATE SUBMITTED

Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 1

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
A C	#587	1-10-83	1245	1.0
			TIME B COMPOSITE SAMPLE	
			COMP — — BEGIN	
			END	

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

FDHRS Certified, Lab ID. #44037

REMARKS bact. sample broken.

*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 ✓	NO_2 N	MG/L	615	
TEMP WATER	°C	10	23.0 ✓	(NO_2+NO_3)-N	MG/L	630	
D.O.	MG/L	299	10.6 ✓	NH_3 N	MG/L	608	
COND	µMHO/CM	94	41700 ✓ ~~40000~~	ORGANIC N	MG/L	605	
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-Filterable (TSFS)	MG/L	540	
COLI MF	#/100ML	31501	—				
FECAL MF	#/100ML	31616	—				
F STREP MF	#/100ML	31679	—	Residue Filterable (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. Gum

( ) CHANGE DATE SUBMITTE

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM Lab# 34

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

AGENCY	STATION	DATE	DEPTH
SARA C	#587	2-8-83	1.0

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
TIDE	STD	900043	OUT
WIND DIR	DEG	36	30
WIND VEL	MPH	35	5
TEMP WATER	°C	10	18.0
D.O..	MG/L	300	8.0
COND	µMHO/CM	94	20930
pH FIELD	STD	400	-
SALINITY	PPTH	480	13.0 *
pH LAB	STD	403	7.77
COND LAB	µMHO/CM	95	10362
TURBIDITY	NTU	76	7.0
COLOR	PtCo	80	80
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100 ML	31501	
FECAL MF	#/100 ML	31616	
FEC STREP MF	#/100 ML	31679	
CHLORINE RESIDUE	MG/L	31679	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.020
P TOT	MG/L	665	0.080
NO_2 N	MG/L	615	<0.020
(NO_2+NO_3)-N	MG/L	630	<0.020
NH_3 N	MG/L	608	0.062
ORGANIC N	MG/L	605	1.262
N KJEL (TKN)	MG/L	625	1.324
N TOT	MG/L	600	1.324
FLUORIDES DIS	MG/L	950	
CHL-A CORR	µg/l	32211	
PHEO - A	µg/l	32218	
CHL - A	µg/l	32210	
CHL - B	µg/l	32212	
CHL - C	µg/l	32214	
CHL TOT (A+B+C)	µg/l	32216	
PHEO RATIO (OD 663) b/a		32219	
Residue Non-Filterable (TSS)	MG/L	530	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY:
2/16/83

REPORT VERIFIED BY: J Glenn
( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 127

TIME A - GRAB SAMPLE		DEPTH
1125		
TIME B COMPOSITE SAMPLE		
COMP	BEGIN	
	END	

AGENCY	STATION	DATE
SARA C	#587	3-28-83

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
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	340
WIND VEL	MPH	35	3
TEMP WATER	°C	10	18.5
D.O.	MG/L	299	***9.5
COND	µMHO/CM	94	690
pH FIELD	STD	400	—
SALINITY	PPTH	480	0.0
pH LAB	STD	403	7.4
COND LAB	µMHO/CM	95	582
TURBIDITY	NTU	76	8.5
COLOR	PtCo	80	160
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000*
FECAL MF	#/100ML	31616	***830*
FEC STREP MF	#/100ML	31679	360
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.060
P TOT	MG/L	665	0.172
NO_2 N	MG/L	615	<0.020
(NO_2+NO_3)-N	MG/L	630	0.029
NH_3 N	MG/L	608	<0.020
ORGANIC N	MG/L	605	0.939
N KJEL (TKN)	MG/L	625	0.939
N TOT	MG/L	600	0.968
FLUORIDES DISSOLVED	MG/L	950	0.24
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 4/5/83

REPORT VERIFIED BY: J. Stern 6-18-83

( ) CHANGE DATE SUBMITTED

~~Environmental Protection~~ Laboratory
Manatee County ~~Pollution Control~~ ENVIRONMENTAL SERVICES
WATER QUALITY REPORT FORM Lab # 192

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
AFA C	27 01 6587	4-25-83	1155	1.0
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP 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
TIDE DIR	STD	500043	OUT
WIND DIR	DEG	36	45
WIND VEL	MPH	35	5
TEMP WATER	°C	10	22.5
D.O.	MG/L	299	8.0
COND	UMHO/CM	94	7370
PH FIELD	STD	400	—
SALINITY	PPTH	480	4.0
PH LAB	STD	403	7.8
COND LAB	UMHO/CM	95	6482
TURBIDITY	NTU	76	9.3
COLOR	PtCo	80	100
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<100*
FECAL MF	#/100ML	31616	30*
FEC STREP MF	#/100ML	31679	4400
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTEO DISS	MG/L	671	0.056
P TOT	MG/L	665	0.254
NO_2 N	MG/L	615	<0.020
(NO_2+NO_3)-N	MG/L	630	0.022
NH_3 N	MG/L	608	<0.020
ORGANIC N	MG/L	605	1.329
N KJEL (TKN)	MG/L	625	1.329
N TOT	MG/L	600	1.351
FLUORIDES DISSOLVED	MG/L	950	0.42
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable(TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: caw J Green 5/2/83
REPORT VERIFIED BY: LM 6-22-83
( ) CHANGE
DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 244

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0587	5-31-83	1230	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 at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT
WIND DIR	DEG	36	40
WIND VEL	MPH	35	5
TEMP WATER	°C	10	28.0
D.O.	MG/L	299	*** 3.6
COND	µMHO/CM	94	23600
pH FIELD	STD	400	-
SALINITY	PPTH	480	17.5
pH LAB	STD	403	7.7
COND LAB	µMHO/CM	95	31596
TURBIDITY	NTU	76	6.1
COLOR	PtCo	80	60
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	NA
FECAL MF	#/100ML	31616	450
FEC STREP MF	#/100ML	31679	3500
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.265
P TOT	MG/L	665	0.594
NO_2 N	MG/L	615	< 0.020
(NO_2+NO_3)-N	MG/L	630	< 0.020
NH_3 N	MG/L	608	< 0.020
ORGANIC N	MG/L	605	1.240
N KJEL (TKN)	MG/L	625	1.240
N TOT	MG/L	600	1.240
FLUORIDES DISSOLVED	MG/L	950	0.73
SULFATE DISSOLVED	MG/L	946	1792.9
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

JUL 1983 RECEIVED ENVIRONMENTAL SERVICES

SAMPLE TAKEN BY: Malone

REPORT PREPARED BY: [signature] 6/6/83

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

WATER QUALITY REPORT FORM Lab # 312

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SRA C	24-01-0587	7-5-83	1100	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 at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	IN
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0
TEMP WATER	°C	10	30.0
D.O.	MG/L	299	7.7
COND	µMHO/CM	94	-
FIELD	STD	400	-
SALINITY	PPTH	480	-
pH LAB	STD	403	8.0
COND LAB	µMHO/CM	95	10412
TURBIDITY	NTU	76	6.3
COLOR	PtCo	80	130
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<100*
FECAL MF	#/100ML	31616	30*
FEC STREP .F	#/100ML	31679	6800
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.50
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: [signature] 7/11/83

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTE

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 392

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0587	8-10-83	1130	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 DIR	STD	000043	OUT	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO_2 N	MG/L	615	
TEMP WATER	°C	10	27.0	(NO_2+NO_3)-N	MG/L	630	
D.O.	MG/L	299	3.5	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	
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-Filterable (TSFS)			
COLI MF	#/100ML	31501	<1000*				
FECAL MF	#/100ML	31616	400*				
FEC STREP MF	#/100ML	31679	11000*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: [signature] 8/15/83

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 441

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0587	9-6-83	1100	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 at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	120
WIND VEL	MPH	35	5
TEMP WATER	°C	10	27.0
D.O.	MG/L	299	~~***~~ 3.4
COND	µMHO/CM	94	–
pH FIELD	STD	400	–
SALINITY	PPTH	480	–
pH LAB	STD	403	7.3
COND LAB	µMHO/CM	95	396
TURBIDITY	NTU	76	8.6
COLOR	PtCo	80	220
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000*
FECAL MF	#/100ML	31616	100*
FEC STREP MF	#/100ML	31679	65000
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.20
SULFATE DISSOLVED	MG/L	946	49.0
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Mahoney
REPORT PREPARED BY: J. Gahan 9/12/83

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 540

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0587	10-24-83	1040	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 Row #1 North Creek & US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	–
WIND VEL	MPH	35	0
TEMP WATER	°C	10	–
D.O.	MG/L	299	–
COND	µMHO/CM	94	–
pH FIELD	STD	400	–
SALINITY	PPTH	480	–
pH LAB	STD	403	7.4
COND LAB	µMHO/CM	95	2081
TURBIDITY	NTU	76	15.9
COLOR	PtCo	80	160
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	47.5
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000 *
FECAL MF	#/100ML	31616	320
FEC STREP MF	#/100ML	31679	2100
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.141
P TOT	MG/L	665	0.244
NO_2 N	MG/L	615	<0.020
(NO_2+NO_3)-N	MG/L	630	0.020
NH_3 N	MG/L	608	0.051
ORGANIC N	MG/L	605	1.428
N KJEL (TKN)	MG/L	625	1.479
N TOT	MG/L	600	1.499
FLUORIDES DISSOLVED	MG/L	950	0.31
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: M Mowery
REPORT PREPARED BY: J Berry 10/31/83

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 590

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0587	11-21-83	1030	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 at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	90
WIND VEL	MPH	35	5
TEMP WATER	°C	10	19.0
D.O.	MG/L	299	6.5
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
SALINITY	PPTH	480	-
pH LAB	STD	403	7.6
COND LAB	µMHO/CM	95	4362
TURBIDITY	NTU	76	14.8
COLOR	PtCo	80	130
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	***5000*
FECAL MF	#/100ML	31616	***1300*
FEC STREP MF	#/100ML	31679	2300
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Malone
REPORT PREPARED BY: J. Gunn 11/28/83

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 651

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0587	12-21-83	1115	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 Rud #1
North Creek at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	10
WIND VEL	MPH	35	3
TEMP WATER	°C	10	18.5
D.O.	MG/L	299	6.3
COND	µMHO/CM	94	600
pH FIELD	STD	400	—
SALINITY	PPTH	480	0.0
pH LAB	STD	403	7.6
COND LAB	µMHO/CM	95	686
TURBIDITY	NTU	76	7.6
COLOR	PtCo	80	160
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	∠1000 *
FECAL MF	#/100ML	31616	310
FEC STREP MF	#/100ML	31679	
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.31
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Mahoney
REPORT PREPARED BY: J. Guest 12/23/83

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 40

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0587	1-23-84	1010	1.0

TIME B COMPOSITE SAMPLE — COMP — BEGIN — END

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

REMARKS QA Note: TKN Spike recovery average 112.6%; TP Spike recovery average 82.5%
*Estimated count.

LOCATION Stream Run #1 North Creek at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	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	NO_2 N	MG/L	615	<0.020
TEMP WATER	°C	10	17.0	(NO_2+NO_3)-N	MG/L	630	<0.020
D.O.	MG/L	299	7.6	NH_3 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: MA Lowery
REPORT PREPARED BY: J Green 2/2/84
REPORT VERIFIED BY:
( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 120

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0587	2-27-84	1135	1.0

TIME B COMPOSITE SAMPLE — COMP — BEGIN — END

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
TIDE DIR	STD	00043	IN
WIND DIR	DEG	36	140
WIND VEL	MPH	35	30
TEMP WATER	°C	10	23.0
D.O.	MG/L	299	6.2
COND	µMHO/CM	94	—
pH FIELD	STD	400	—
SALINITY	PPTH	480	—
pH LAB	STD	403	7.9
COND LAB	µMHO/CM	95	9200
TURBIDITY	NTU	76	9.2
COLOR	PtCo	80	65
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000 *
FECAL MF	#/100ML	31616	300 *
FEC STREP MF	#/100ML	31679	900 *
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.111
P TOT	MG/L	665	0.144
NO_2 N	MG/L	615	< 0.020
(NO_2+NO_3)-N	MG/L	630	< 0.0
NH_3 N	MG/L	608	0.09
ORGANIC N	MG/L	605	1.124
N KJEL (TKN)	MG/L	625	1.165
N TOT	MG/L	600	1.165
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: M Money

REPORT PREPARED BY: J Guest 3/5/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 202

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0587	4-2-84	1050	1.0
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP 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
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	90
WIND VEL	MPH	35	5
TEMP WATER	°C	10	18.0
D.O.	MG/L	299	5.9
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
SALINITY	PPTH	480	-
pH LAB	STD	403	7.9
COND LAB	µMHO/CM	95	1920
TURBIDITY	NTU	76	22.2
COLOR	PtCo	80	100
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<100 *
FECAL MF	#/100ML	31616	<10 *
FEC STREP MF	#/100ML	31679	200 *
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.102
P TOT	MG/L	665	0.307
NO_2 N	MG/L	615	<0.020
(NO_2+NO_3)-N	MG/L	630	<0.020
NH_3 N	MG/L	608	0.111
ORGANIC N	MG/L	605	1.341
N KJEL (TKN)	MG/L	625	1.452
N TOT	MG/L	600	1.452
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: M. Lowery
REPORT PREPARED BY: J. Thurs 4/9/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 264

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0587	5-2-84	1040	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 at U.S. #1 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	IN
WIND DIR	DEG	36	90
WIND VEL	MPH	35	3
TEMP WATER	°C	10	28.5
D.O.	MG/L	299	~~****~~ 3.6
COND	µMHO/CM	94	12 500
pH FIELD	STD	400	7.3
SALINITY	PPTH	480	7.0
pH LAB	STD	403	7.7
COND LAB	µMHO/CM	95	4232
TURBIDITY	NTU	76	6.6
COLOR	PtCo	80	110
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<100*
FECAL MF	#/100ML	31616	50*
FEC STREP MF	#/100ML	31679	400*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney, Ellason

REPORT PREPARED BY: J Gunn 5/14/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 322

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0587	6-6-84	1045	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 at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	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	30.5	(NO_2+NO_3)-N	MG/L	630	
D.O.	MG/L	299	~~****~~ 4.3	NH_3 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-Filterable (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	50*				
FEC STREP MF	#/100ML	31679	900*	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: Malone
REPORT PREPARED BY: Gum 6/11/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 384

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0587	7-9-84	0910 ~~0840~~	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 at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	—
WIND VEL	MPH	35	0
TEMP WATER	°C	10	30.0
D.O.	MG/L	299	**** 3.3
COND	µMHO/CM	94	—
pH FIELD	STD	400	6.9
SALINITY	PPTH	480	—
pH LAB	STD	403	8.0
COND LAB	µMHO/CM	95	25809
TURBIDITY	NTU	76	6.0
COLOR	PtCo	80	90
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1/00 *
FECAL MF	#/100ML	31616	<1/0 *
FEC STREP MF	#/100ML	31679	500
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.365
P TOT	MG/L	665	0.558
NO_2 N	MG/L	630	< 0.020
(NO_2+NO_3)-N	MG/L	630	< 0.020
NH_3 N	MG/L	608	< 0.020
ORGANIC N	MG/L	605	1.800
N KJEL (TKN)	MG/L	625	1.800
N TOT	MG/L	600	1.800
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Malone

REPORT PREPARED BY: [signature] 7/17/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

WATER QUALITY REPORT FORM Lab # 429

AGENCY	STATION	DATE
ARA C	24.01-0587	8-1-84

TIME A - GRAB SAMPLE: 1115

TIME B COMPOSITE SAMPLE: ——— BEGIN: ——— END: ———

COMP

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
TIDE DIR	STD	900043	OUT
WIND DIR	DEG	36	90
WIND VEL	MPH	35	5
TEMP WATER	°C	10	26.0
D.O.	MG/L	299	***4.7
COND	µMHO/CM	94	—
FIELD	STD	400	—
SALINITY	PPTH	480	—
pH LAB	STD	403	7.6
COND LAB	µMHO/CM	95	1328
TURBIDITY	NTU	76	2.4
COLOR	PtCo	80	180
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<100*
FECAL MF	#/100ML	31616	80*
F STREP MF	#/100ML	31679	500*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	630	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: M Lowery

REPORT PREPARED BY: J Guth 8/6/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTE

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 524

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
ARA C	24-01-0587	9-19-84	1150	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 - AT US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	90
WIND VEL	MPH	35	10
TEMP WATER	°C	10	28.0
D.O.	MG/L	299	*** 3.6
COND	µMHO/CM	94	24100
PH FIELD	STD	400	—
SALINITY	PPTH	480	15.0
pH LAB	STD	403	7.9
COND LAB	µMHO/CM	95	23,700
TURBIDITY	NTU	76	3.4
COLOR	PtCo	80	70
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	100*
FECAL MF	#/100ML	31616	80*
FEC STREP MF	#/100ML	31679	5600
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	630	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Malone

REPORT PREPARED BY: J Gurley 9/21/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 591

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0587	10-24-84	1030	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 at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0
TEMP WATER	°C	10	26.0
D.O.	MG/L	299	~~****~~ 4.0
COND	µMHO/CM	94	39220
pH FIELD	STD	400	-
SALINITY	PPTH	480	26.0
pH LAB	STD	403	7.5
COND LAB	µMHO/CM	95	29600
TURBIDITY	NTU	76	4.0
COLOR	PtCo	80	50
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<100*
FECAL MF	#/100ML	31616	60*
FEC STREP MF	#/100ML	31679	5900
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	~~630~~	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: M Lowery

REPORT PREPARED BY: J Gideon 10/26/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM

Lab # 645

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
ARA C	24-01-0587	11-26-84	1055	1.0

TIME B COMPOSITE SAMPLE — COMP — BEGIN — END

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

REMARKS Tide-outgoing
K = <
L = >
J = Estimated Count

LOCATION Stream Run #1 North Creek at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	5000
WIND DIR	DEG	36	90
WIND VEL	MPH	35	5
TEMP WATER	°C	10	21.0
D.O.	MG/L	299	5.3
COND	µMHO/CM	94	31520
pH FIELD	STD	400	-
SALINITY	PPTH	480	20.0
pH LAB	STD	403	7.7
COND LAB	µMHO/CM	95	22650
TURBIDITY	NTU	76	3.4
COLOR	PtCo	80	35
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	K1000J
FECAL MF	#/100ML	31616	120 J
FEC STREP MF	#/100ML	31679	3600
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.091
P TOT	MG/L	665	N.A.
NO_2 N	MG/L	~~650~~	K0.020
(NO_2+NO_3)-N	MG/L	630	0.037
NH_3 N	MG/L	608	0.070
ORGANIC N	MG/L	605	0.943
N KJEL (TKN)	MG/L	625	1.013
N TOT	MG/L	600	1.050
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: M Lowery

REPORT PREPARED BY: J Ludwig 12/7/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 39

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
..RA C	24-01-0587	1-21-85	1050	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 #1 North Creek @ US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J
WIND DIR	DEG	36	30
WIND VEL	MPH	35	15
TEMP WATER	°C	10	9.5
D.O.	MG/L	299	7.5
COND	µMHO/CM	94	17390
. . FIELD	STD	400	—
SALINITY	PPTH	480	14.5
pH LAB	STD	403	8.1
COND LAB	µMHO/CM	95	20714
TURBIDITY	NTU	76	3.2
COLOR	PtCo	80	35
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	K1000
FECAL MF	#/100ML	31616	180 J
FEC STREP MF	#/100ML	31679	500 J
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.081
P TOT	MG/L	665	0.100
NO_2 N	MG/L	~~650~~	0
(NO_2+NO_3)-N	MG/L	630	0.025
NH_3 N	MG/L	608	0.041 ~~0.025~~
ORGANIC N	MG/L	605	0.589
N KJEL (TKN)	MG/L	625	0.630
N TOT	MG/L	600	0.655
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Malone

REPORT PREPARED BY: J Green 1/30/85

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 131

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
ARA C	24-01-0587	2-25-85	1120	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 #1
North Creek at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J
WIND DIR	DEG	36	110
WIND VEL	MPH	35	5
TEMP WATER	°C	10	21.0
D.O.	MG/L	299	6.8
COND	µMHO/CM	94	20650
H FIELD	STD	400	—
SALINITY	PPTH	480	11.5
pH LAB	STD	403	7.7
COND LAB	µMHO/CM	95	19896
TURBIDITY	NTU	76	4.9
COLOR	PtCo	80	70
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	K 1000
FECAL MF	#/100ML	31616	750 J
FEC STREP MF	#/100ML	31679	500 J
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	~~650~~	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: J Guy 2/28/85

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 938

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
CARA C	24-01-0587	3-25-85	1355	1.0

TIME B COMPOSITE SAMPLE — BEGIN — END — COMP

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

REMARKS
K = <
L = >
J = Estimated Count

LOCATION Stream Run #1
North Creek at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J
WIND DIR	DEG	36	45
WIND VEL	MPH	35	5
TEMP WATER	°C	10	25.0
D.O.	MG/L	299	~~****~~ 4.5
COND	µMHO/CM	94	15000
H FIELD	STD	400	—
SALINITY	PPTH	480	9.0
pH LAB	STD	403	7.9
COND LAB	µMHO/CM	95	15923
TURBIDITY	NTU	76	1.8
COLOR	PtCo	80	45
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	K100
FECAL MF	#/100ML	31616	10 J
FEC STREP MF	#/100ML	31679	300 J
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.122
P TOT	MG/L	665	0.162
NO_2 N	MG/L	~~630~~	0.000
(NO_2+NO_3)-N	MG/L	630	0.000
NH_3 N	MG/L	608	0.091
ORGANIC N	MG/L	605	0.849
N KJEL (TKN)	MG/L	625	0.940
N TOT	MG/L	600	0.940
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Mahoney

REPORT PREPARED BY: [signature] 4/1/85

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 295

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0587	4-22-85	1110	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 Rw #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	90	P TOT	MG/L	665	
WIND VEL	MPH	35	10	NO_2 N	MG/L	~~630~~	
TEMP WATER	°C	10	28.0	(NO_2+NO_3)-N	MG/L	630	
D.O.	MG/L	299	5.0	NH_3 N	MG/L	608	
COND	µMHO/CM	94	18870	ORGANIC N	MG/L	605	
pH 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: Holloway

REPORT PREPARED BY: [signature] 4/26/85

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 459

TIME A - GRAB SAMPLE	DEPTH
1240	1.0
TIME B COMPOSITE SAMPLE	
COMP — BEGIN	
END	

AGENCY	STATION	DATE
SARA C	24-01-0587	8-20-85

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
TIDE DIR	STD	67	3000 J
WIND DIR	DEG	36	110
WIND VEL	MPH	35	3
TEMP WATER	°C	10	32.0
D.O.	MG/L	299	2.3
COND	µMHO/CM	94	29820
pH FIELD	STD	400	-
SALINITY	PPTH	480	18.0
pH LAB	STD	403	7.7
COND LAB	µMHO/CM	95	26499
TURBIDITY	NTU	76	2.4
COLOR	PtCo	80	50
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	100 K
FECAL MF	#/100ML	31616	60 J
FEC STREP MF	#/100ML	31679	4500
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.195
P TOT	MG/L	665	N.A.
NO_2 N	MG/L	615	0.000
(NO_2+NO_3)-N	MG/L	630	0.038
NH_3 N	MG/L	608	0.083
ORGANIC N	MG/L	605	1.163
N KJEL (TKN)	MG/L	625	1.246
N TOT	MG/L	600	1.284
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: M Lowery
REPORT PREPARED BY: J Guest 8/26/85

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 528

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

AGENCY	STATION	DATE
SARA C	24-01-0587	9-25-85

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

REMARKS
K = <
L = >
J = Estimated Count

LOCATION Stream Run #1
North Creek at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J
WIND DIR	DEG	36	90
WIND VEL	MPH	35	3
TEMP WATER	°C	10	28.5
D.O.	MG/L	299	3.0
COND	µMHO/CM	94	2710
pH FIELD	STD	400	-
SALINITY	PPTH	480	1.0
pH LAB	STD	403	7.6
COND LAB	µMHO/CM	95	3041
TURBIDITY	NTU	76	2.4
COLOR	PtCo	80	90
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	1000 K
FECAL MF	#/100ML	31616	190 J
FEC STREP MF	#/100ML	31679	500 J
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

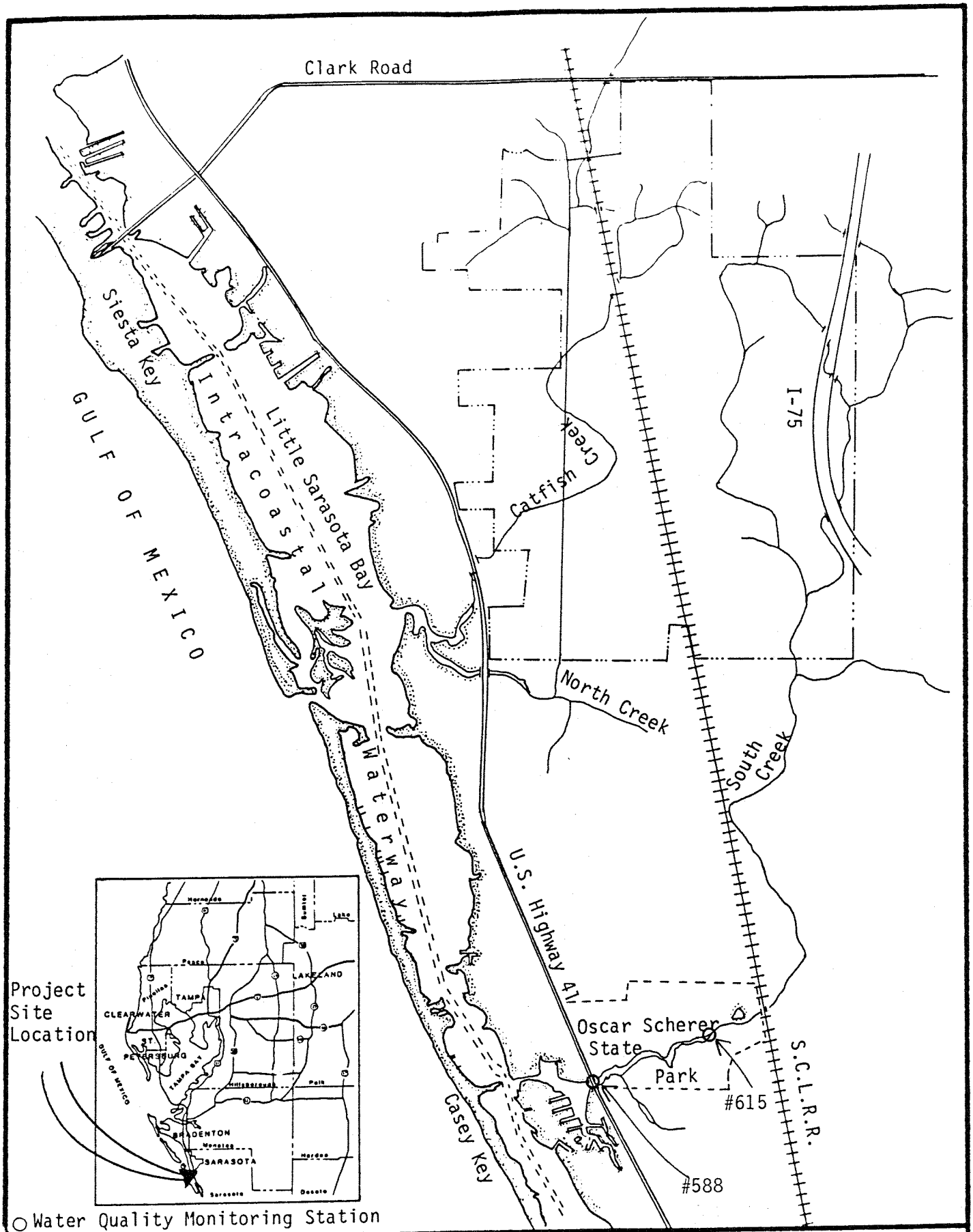
REPORT PREPARED BY: J Guest 9/27/85

REPORT VERIFIED BY:

( )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



SAMPLING SITE LOCATIONS IN LOWER SOUTH CREEK

Stations #588 and #615

N

1301 Cattlemen Rd.
Sarasota, FL 33582

WATER QUALITY REPORT FORM

LAB # 42

AGENCY	STATION	DATE
RA C	24.01.0588	2/4/80

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

REMARKS

*Estimated count.

LOCATION Stream Run #5

South Creek at US 41 Bridge south of Osprey.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓
WIND DIR	DEG	36	0✓
WIND VEL	MPH	35	5✓
TEMP WATER	°C	10	11.5✓
D.O.	MG/L	299	9.3✓
COND	µMHO/CM	94	24000✓
pH FIELD	STD	400	7.8✓
REDOX (EH)	MV	90	390✓
pH LAB	STD	403	7.80✓
COND LAB	µMHO/CM	95	10400✓
TURBIDITY	FTU	76	3.6✓
COLOR	PtCo	80	90✓
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
COLI MF	#/100ML	31501	***4800✓
FECAL MF	#/100ML	31616	800*✓
C. STREP MF	#/100ML	31679	1000*✓
Chlorine Residue	MG/L	50060	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.574
P TOT	MG/L	665	NA
NO_2 N	MG/L	615	0.000
(NO_2+NO_3)-N	MG/L	630	0.430
NH_3 N	MG/L	608	0.100
ORGANIC N	MG/L	605	1.352
N KJEL (TKN)	MG/L	625	1.452
N TOT	MG/L	600	1.882
Total Alkalinity	MG/L	410	
Residue Non-Filterable (TSS)	MG/L	530	
Residue Volatile Non-Filterable (Total Suspended Volatile Solids)	MG/L	535	
Residue, Fixed Non-Filterable (Total Suspended Fixed Solids)			
Residue Filterable(TDS)	MG/L	70300	
AGENCY	STD	27	8074

SAMPLE TAKEN BY: Maloney/Helton

REPORT PREPARED BY: caw Date 2-19-80

REPORT VERIFIED BY: J. Gruss

( ) CHANGE DATE SUBMITTED

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 BEGIN	
			COMP END	

REMARKS

*Estimated count.

LOCATION Stream Run #5

South Creek above dam at Oscar Scherer State Park.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓
WIND DIR	DEG	36	0✓
WIND VEL	MPH	35	5✓
TEMP WATER	°C	10	12.0✓
D.O.	MG/L	299	6.5✓
COND	µMHO/CM	94	1500✓
pH FIELD	STD	400	7.4✓
REDOX (EH)	MV	90	350✓
pH LAB	STD	403	7.53✓
COND LAB	µMHO/CM	95	1340✓
TURBIDITY	FTU	76	6.1✓
COLOR	PtCo	80	130✓
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
COLI MF	#/100ML	31501	****6700✓
FECAL MF	#/100ML	31616	800*✓
EC. STREP MF	#/100ML	31679	160*✓
Chlorine Residue	MG/L	50060	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.[illegible]
P TOT	MG/L	665	0.870✓
NO_2 N	MG/L	615	0.000✓
(NO_2+NO_3)-N	MG/L	630	0.880✓
NH_3 N	MG/L	608	0.080✓
ORGANIC N	MG/L	605	1.591✓
N KJEL (TKN)	MG/L	625	1.671✓
N TOT	MG/L	600	2.551✓
Total Alkalinity	MG/L	410	
Residue Non-Filterable (TSS)	MG/L	530	
Residue Volatile Non-Filterable (Total Suspended Volatile Solids)	MG/L	535	
Residue, Fixed Non-Filterable (Total Suspended Fixed Solids)			
Residue Filterable(TDS)	MG/L	70300	
AGENCY	STD	27	8074

SAMPLE TAKEN BY: Maloney/Helton

REPORT PREPARED BY: caw Date 2-19-80

REPORT VERIFIED BY: J Gurney

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 111

TIME A - GRAB SAMPLE	DEPTH
0900	1.0 ft.
TIME B COMPOSITE SAMPLE	
COMP — BEGIN	
COMP — END	

AGENCY	STATION	DATE
SARA C	24.01.0588	3/18/80

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 south of Osprey.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2 ✓
WIND DIR	DEG	36	200 ✓
WIND VEL	MPH	35	3 ✓
TEMP WATER	°C	10	23 ✓
D.O.	MG/L	299	~~****~~ 4.7 ✓
COND	µMHO/CM	94	42000 ✓
pH FIELD	STD	400	7.5 ✓
REDOX (EH)	MV	90	-
pH LAB	STD	403	-
COND LAB	µMHO/CM	95	-
TURBIDITY	NTU	76	3.1 ✓
COLOR	PtCo	80	70 ✓
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
COLI MF	#/100ML	31501	~~****~~ 3200 ✓
FECAL MF	#/100ML	31616	480 ✓
FEC STREP MF	#/100ML	31679	50* ✓
CHLORINE RESIDUE	MG/L	50060	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 3-24-80

REPORT VERIFIED BY: J. Emery

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 111

AGENCY	STATION	DATE
SARA C	24.01.0615	3/18/80

TIME A - GRAB SAMPLE	DEPTH
0915	1.0 ft.
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 Scherer State Park.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2✓
WIND DIR	DEG	36	200✓
WIND VEL	MPH	35	3✓
TEMP WATER	°C	10	21✓
D.O.	MG/L	299	~~****~~ 3.6✓
COND	µMHO/CM	94	1350✓
pH FIELD	STD	400	7.1✓
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.30✓
COND LAB	µMHO/CM	95	1320✓
TURBIDITY	NTU	76	7.6✓
COLOR	PtCo	80	130✓
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
COLI MF	#/100ML	31501	~~****~~ 5000✓
FECAL MF	#/100ML	31616	430✓
FEC STREP MF	#/100ML	31679	250✓
CHLORINE RESIDUE	MG/L	50060	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable(TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 3-24-80

REPORT VERIFIED BY: J. Green

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 145

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

AGENCY	STATION	DATE	DEPTH
SARA C	24.01.0588	4/15/80	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 south of Osprey.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	2 ✓
WIND DIR	DEG	36	300 ✓
WIND VEL	MPH	35	3 ✓
TEMP WATER	°C	10	21 ✓
D.O.	MG/L	299	5.2 ✓
COND	µMHO/CM	94	-
pH FIELD	STD	400	7.7 ✓
REDOX (EH)	MV	90	200 ✓
pH LAB	STD	403	-
COND LAB	µMHO/CM	95	21000 ✓
TURBIDITY	NTU	76	4.2 ✓
COLOR	PtCo	80	70 ✓
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
COLI MF	#/100ML	31501	600* ✓
FECAL MF	#/100ML	31616	370 ✓
FEC STREP MF	#/100ML	31679	30* ✓
CHLORINE RESIDUE	MG/L	50060	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 4-23-80

REPORT VERIFIED BY: J Bunzy

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 145

TIME A - GRAB SAMPLE	DEPTH
0900	1.0 ft.
TIME B COMPOSITE SAMPLE	
COMP — BEGIN	
END	

AGENCY	STATION	DATE
SARA C	24.01.0615	4/15/80

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 Scherer State Park

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-
WIND DIR	DEG	36	300✓
WIND VEL	MPH	35	3✓
TEMP WATER	°C	10	19✓
D.O.	MG/L	299	***4.3✓
COND	µMHO/CM	94	-
pH FIELD	STD	400	7.4✓
REDOX (EH)	MV	90	190✓
pH LAB	STD	403	7.37✓
COND LAB	µMHO/CM	95	1170✓
TURBIDITY	NTU	76	20.0✓
COLOR	PtCo	80	90✓
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
COLI MF	#/100ML	31501	1200*✓
FECAL MF	#/100ML	31616	640*✓
FEC STREP MF	#/100ML	31679	160*✓
CHLORINE RESIDUE	MG/L	50060	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	-		
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 4-23-80

REPORT VERIFIED BY: [signature]

( ) 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 — 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
TIDE DIR	STD	900043	
WIND DIR	DEG	36	330✓
WIND VEL	MPH	35	3✓
TEMP WATER	°C	10	26✓
D.O.	MG/L	299	-
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.71✓
COND LAB	µMHO/CM	95	35500✓
TURBIDITY	NTU	76	1.8✓
COLOR	PtCo	80	30✓
D.O. LAB	MG/L	300	***3.7✓
BOD	MG/L	310	
COD	MG/L	335	
COLI MF	#/100ML	31501	1100*✓
FECAL MF	#/100ML	31616	10*✓
FEC STREP MF	#/100ML	31679	<10*✓
CHLORINE RESIDUE	MG/L	50060	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: caw 5-8-80
REPORT VERIFIED BY: J Bues
( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 175

AGENCY	STATION	DATE
SARA C	24.01.0615	5/5/80

TIME A - GRAB SAMPLE	DEPTH
1015	1.0 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 above dam at Oscar Schere State Park.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	
WIND DIR	DEG	36	330✓
WIND VEL	MPH	35	3✓
TEMP WATER	°C	10	22✓
D.O.	MG/L	299	-
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.57✓
COND LAB	µMHO/CM	95	1250✓
TURBIDITY	NTU	76	17✓
COLOR	PtCo	80	80✓
D.O. LAB	MG/L	300	****4.3✓
BOD	MG/L	310	
COD	MG/L	335	
COLI MF	#/100ML	31501	1800*✓
FECAL MF	#/100ML	31616	100*✓
FEC STREP MF	#/100ML	31679	100*✓
CHLORINE RESIDUE	MG/L	50060	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable(TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 5-8-80

REPORT VERIFIED BY: J. Burch

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 254

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0588	6/30/80	0930	1.0 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
TIDE DIR	STD	900043	1
WIND DIR	DEG	36	260
WIND VEL	MPH	35	3
TEMP WATER	°C	10	30
D.O.	MG/L	299	-
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.90
COND LAB	µMHO/CM	95	44000
TURBIDITY	NTU	76	1.5
COLOR	PtCo	80	20
D.O. LAB	MG/L	299	~~****~~ 2.8
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	100*
FECAL MF	#/100ML	31616	<10*
FEC STREP MF	#/100ML	31679	<10*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 7-2-80

REPORT VERIFIED BY: J. Lang

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 254

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0615	6/30/80	1000	1.0 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 above dam at Oscar Scherer State Park.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-
WIND DIR	DEG	36	260
WIND VEL	MPH	35	3
TEMP WATER	°C	10	27
D.O.	MG/L	299	-
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.54
COND LAB	µMHO/CM	95	2000
TURBIDITY	NTU	76	5.4
COLOR	PtCo	80	60
D.O. LAB	MG/L	299	~~****~~ 3.0
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	700*
FECAL MF	#/100ML	31616	290
FEC STREP MF	#/100ML	31679	80*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 7-2-80

REPORT VERIFIED BY: J. Bunn

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 281

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0588	7/28/80	0845	1.0 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
TIDE DIR	STD	900043	1
WIND DIR	DEG	36	225
WIND VEL	MPH	35	3
TEMP WATER	°C	10	29
D.O.	MG/L	299	-
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.90
COND LAB	µMHO/CM	95	40000
TURBIDITY	NTU	76	1.6
COLOR	PtCo	80	20
D.O. LAB	MG/L	300	~~****~~ 3.0
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	<100*
FECAL MF	#/100ML	31616	<10*
FEC STREP MF	#/100ML	31679	20*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 7-31-80

REPORT VERIFIED BY: J Burns

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 281

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0615	7/28/80	0900	1.0 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 above dam at Oscar Scherer State Park.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-
WIND DIR	DEG	36	225
WIND VEL	MPH	35	3
TEMP WATER	°C	10	27
D.O.	MG/L	299	-
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.58
COND LAB	µMHO/CM	95	1800
TURBIDITY	NTU	76	9.1
COLOR	PtCo	80	80
D.O. LAB	MG/L	300	2.3
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	1500*
FECAL MF	#/100ML	31616	150*
FEC STREP MF	#/100ML	31679	50*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 7-31-80

REPORT VERIFIED BY: J. Gurney

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 330

TIME A - GRAB SAMPLE	DEPTH
0940	.5 m

TIME B COMPOSITE SAMPLE	
— COMP	BEGIN
	END

AGENCY	STATION	DATE
SARA C	24.01.0588	9/8/80

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
TIDE DIR	STD	900043	1 ✓
WIND DIR	DEG	36	90 ✓
WIND VEL	MPH	35	3 ✓
TEMP WATER	°C	10	29.3 ✓
D.O.	MG/L	299	~~****~~ 1.9 ✓
COND	µMHO/CM	94	27000 ✓
pH FIELD	STD	400	7.0 ✓
REDOX (EH)	MV	90	136 ✓
pH LAB	STD	403	-
COND LAB	µMHO/CM	95	-
TURBIDITY	NTU	76	2.4 ✓
COLOR	PtCo	80	140 ✓
D.O. LAB	MG/L		
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	450* ✓
FECAL MF	#/100ML	31616	130* ✓
FEC STREP MF	#/100ML	31679	10* ✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 9-11-80

REPORT VERIFIED BY: J. Gunn

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 330

TIME A - GRAB SAMPLE	DEPTH
1200	.5 m
TIME B COMPOSITE SAMPLE	
COMP — BEGIN	
END	

AGENCY	STATION	DATE
SARA C	24.01.0615	9/8/80

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 Scherer State Park.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0 ✓
TEMP WATER	°C	10	27.4 ✓
D.O.	MG/L	299	~~1.7~~ 1.7 ✓
COND	µMHO/CM	94	1000 ✓
pH FIELD	STD	400	7.1 ✓
REDOX (EH)	MV	90	168 ✓
pH LAB	STD	403	7.22 ✓
COND LAB	µMHO/CM	95	1020 ✓
TURBIDITY	NTU	76	2.2 ✓
COLOR	PtCo	80	280 ✓
D.O. LAB	MG/L		
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	1800* ✓
FECAL MF	#/100ML	31616	~~900~~ 900* ✓
FEC STREP MF	#/100ML	31679	54* ✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 9-11-80

REPORT VERIFIED BY: J. Green

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 397

TIME A - GRAB SAMPLE	DEPTH
0900	1.5 Ft.
TIME B COMPOSITE SAMPLE	
COMP — BEGIN	
END	

AGENCY	STATION	DATE
SARA C	24.01.0588	11/3/80

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
TIDE DIR	STD	900043	1 ✓
WIND DIR	DEG	36	90✓
WIND VEL	MPH	35	3✓
TEMP WATER	°C	10	23✓
D.O.	MG/L	299	~~3.8~~ ✓
COND	µMHO/CM	94	47000✓
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.88✓
COND LAB	µMHO/CM	95	-
TURBIDITY	NTU	76	3.3✓
COLOR	PtCo	80	30✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	400*✓
FECAL MF	#/100ML	31616	60*✓
FEC STREP MF	#/100ML	31679	10*✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.120✓
P TOT	MG/L	665	NA
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	0.020✓
NH_3 N	MG/L	608	0.140✓
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	NA
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable(TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 11-17-80

REPORT VERIFIED BY: J Green

( )CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 397

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0615	11/3/80	0930	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 above dam at Oscar Scherer State Park.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-
WIND DIR	DEG	36	90 ✓
WIND VEL	MPH	35	10 ✓
TEMP WATER	°C	10	22 ✓
D.O.	MG/L	299	3.5 ✓
COND	µMHO/CM	94	1800 ✓
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.60 ✓
COND LAB	µMHO/CM	95	-
TURBIDITY	NTU	76	8.3 ✓
COLOR	PtCo	80	80 ✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	2900 ✓
FECAL MF	#/100ML	31616	340 ✓
FEC STREP MF	#/100ML	31679	110* ✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.200 ✓
P TOT	MG/L	665	NA
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	0.080 ✓
NH_3 N	MG/L	608	0.080 ✓
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	NA
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 11-17-80

REPORT VERIFIED BY: J. Guy

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 32

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0588	1/26/81	0815	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
TIDE DIR	STD	900043	2
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0
TEMP WATER	°C	10	14
D.O.	MG/L	299	7.9
COND	µMHO/CM	94	43000
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.86
COND LAB	µMHO/CM	95	-
TURBIDITY	NTU	76	6.5
COLOR	PtCo	80	40
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	***3600
FECAL MF	#/100ML	31616	***2600
FEC STREP MF	#/100ML	31679	120*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 1-29-81

REPORT VERIFIED BY: J. Gunn

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 32

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

AGENCY	STATION	DATE	DEPTH
SARA C	24.01.0615	1/26/81	1.0 Ft.

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

REMARKS Bloom of Chlorella Sp. present.

*Estimated count.

LOCATION Stream Run #5

South Creek above dam in Oscar Scherer State Park.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0
TEMP WATER	°C	10	11.5
D.O.	MG/L	299	2.8
COND	µMHO/CM	94	2300
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.80
COND LAB	µMHO/CM	95	-
TURBIDITY	NTU	76	16
COLOR	PtCo	80	140
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	7100
FECAL MF	#/100ML	31616	>6000*
FEC STREP MF	#/100ML	31679	9900*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 1-29-81

REPORT VERIFIED BY: J Green

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 111

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0588	3/3/81	0915	1.0 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
TIDE DIR	STD	900043	1✓
WIND DIR	DEG	36	150✓
WIND VEL	MPH	35	25✓
TEMP WATER	°C	10	21.4✓
D.O.	MG/L	300	6.9✓
COND	µMHO/CM	94	33200✓
pH FIELD	STD	400	7.8✓
REDOX (EH)	MV	90	261✓
pH LAB	STD	403	
COND LAB	µMHO/CM	95	
TURBIDITY	NTU	76	2.4✓
COLOR	PtCo	80	50✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	100*✓
FECAL MF	#/100ML	31616	30*✓
FEC STREP MF	#/100ML	31679	30*✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 3-3-81

REPORT VERIFIED BY: J Gruen

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 111

TIME A - GRAB SAMPLE	
0940	
TIME B COMPOSITE SAMPLE	DEPTH
COMP — BEGIN / END	1.5 Ft.

AGENCY	STATION	DATE
SARA C	24.01.0615	3/30/81

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 Scherer State Park.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	90004,3	-
WIND DIR	DEG	36	150✓
WIND VEL	MPH	35	25✓
TEMP WATER	°C	10	21.4✓
D.O.	MG/L	300	1.6✓
COND	µMHO/CM	94	1500✓
pH FIELD	STD	400	7.3✓
REDOX (EH)	MV	90	258✓
pH LAB	STD	403	
COND LAB	µMHO/CM	95	
TURBIDITY	NTU	76	9.9✓
COLOR	PtCo	80	120✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	1200*✓
FECAL MF	#/100ML	31616	330✓
FEC STREP MF	#/100ML	31679	100*✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
Total Alkalinity	MG/L	410	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 4-3-81

REPORT VERIFIED BY: J. Gunn

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 160

AGENCY	STATION	DATE
SARA C	24.01.0588	5/4/81

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 Stream Run #5

South Creek at US 41 bridge.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	1✓
WIND DIR	DEG	36	90✓
WIND VEL	MPH	35	5✓
TEMP WATER	°C	10	24✓
D.O.	MG/L	300	***4.2✓
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.84✓
COND LAB	µMHO/CM	95	45000✓
TURBIDITY	NTU	76	1.5✓
COLOR	PtCo	80	30✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	100*✓
FECAL MF	#/100ML	31616	64*✓
FEC STREP MF	#/100ML	31679	<10*✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	0.406✓
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	0.020✓
NH_3 N	MG/L	608	0.160✓
ORGANIC N	MG/L	605	1.705✓
N KJEL (TKN)	MG/L	625	1.865✓
N TOT	MG/L	600	1.885✓
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	-		
Residue Filterable(TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 5-13-81

REPORT VERIFIED BY: J Gruen

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 160

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0615	5/4/81	0915	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 above dam at Oscar Scherer State Park.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-
WIND DIR	DEG	36	90✓
WIND VEL	MPH	35	10✓
TEMP WATER	°C	10	21✓
D.O.	MG/L	300	~~****~~4.1✓
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.64✓
COND LAB	µMHO/CM	95	2050✓
TURBIDITY	NTU	76	4.5✓
COLOR	PtCo	80	50✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	640*✓
FECAL MF	#/100ML	31616	120*✓
FEC STREP MF	#/100ML	31679	18*✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	0.507✓
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	0.020✓
NH_3 N	MG/L	608	0.060✓
ORGANIC N	MG/L	605	1.598✓
N KJEL (TKN)	MG/L	625	1.658✓
N TOT	MG/L	600	1.678✓
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 5-13-81

REPORT VERIFIED BY: J Brun

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 226

AGENCY	STATION	DATE
SARA C	24.01.0588	6/22/81

TIME A - GRAB SAMPLE	DEPTH
0900	1.0 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
TIDE DIR	STD	900043	1 ✓
WIND DIR	DEG	36	210 ✓
WIND VEL	MPH	35	3 ✓
TEMP WATER	°C	10	29.7 ✓
D.O.	MG/L		**** 3.4
COND	µMHO/CM	94	47600 ✓
pH FIELD	STD	400	7.3 ✓
REDOX (EH)	MV	90	197 ✓
pH LAB	STD	403	7.72 ✓
COND LAB	µMHO/CM	95	40250 ✓
TURBIDITY	NTU	76	1.8 ✓
COLOR	PtCo	80	30 ✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	100* ✓
FECAL MF	#/100ML	31616	10* ✓
FEC STREP MF	#/100ML	31679	550 ✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	.950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 6-24-81

REPORT VERIFIED BY: [signature]

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 225

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0615	6/22/81	0930	1.0 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 above dam at Oscar Scherer State Park.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-
WIND DIR	DEG	36	210 ✓
WIND VEL	MPH	35	3 ✓
TEMP WATER	°C	10	26.7 ✓
D.O.	MG/L		~~****~~ 1.4
COND	µMHO/CM	94	-
pH FIELD	STD	400	7.1 ✓
REDOX (EH)	MV	90	49 ✓
pH LAB	STD	403	7.54 ✓
COND LAB	µMHO/CM	95	2800 ✓
TURBIDITY	NTU	76	4.6 ✓
COLOR	PtCo	80	50 ✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	800* ✓
FECAL MF	#/100ML	31616	20 ✓
FEC STREP MF	#/100ML	31679	420 ✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 6-24-81

REPORT VERIFIED BY: J Green

( ) CHANGE DATE SUBMITTED

Sarasota County
Pollution Control Department

WATER QUALITY REPORT FORM Lab# 262

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

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

REMARKS

Chloraphyll absorbance not in linear range.
*Estimated count.

LOCATION Stream Run #5

South Creek and US 41 bridge.

PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	2
WIND DIR	DEG	36	45
WIND VEL	MPH	35	3
TEMP WATER	°C	10	29.7
D.O.	MG/L	299	****1.6
COND	µMHO/CM	94	48400
pH FIELD	STD	400	7.4
REDOX	MV	90	162
pH LAB	STD	403	
COND LAB	µMHO/CM	95	
TURBIDITY	NTU	76	2.4
COLOR	PtCo	80	30
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci disk)	Meters	00078	
COLI MF	#/100 ML	31501	100*
FECAL MF	#/100 ML	31616	30*
FEC STREP MF	#/100 ML	31679	970*
CHLORINE RESIDUE	MG/L	31679	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.303
P TOT	MG/L	665	0.503
NO_2 N	MG/L	615	0.000
(NO_2+NO_3)-N	MG/L	630	0.000
NH_3 N	MG/L	608	0.091
ORGANIC N	MG/L	605	0.882
N KJEL (TKN)	MG/L	625	0.973
N TOT	MG/L	600	0.973
FLUORIDES DIS	MG/L	950	1.00
CHL-A CORR	µg/l	32211	22.13
PHEO - A	µg/l	32218	9.66
CHL - A	µg/l	32210	27.01
CHL - B	µg/l	32212	12.45
CHL - C	µg/l	32214	0.00
CHL TOT (A+B+C)	µg/l	32216	39.46
PHEO RATIO (OD 663) a/b		32219	1.49
Residue Filterable(TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: 8-3-81

REPORT VERIFIED BY: J Gunn

( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM Lab# 262

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0615	7/20/81	0945	1.0 Ft.
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP 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
TIDE	STD	900043	-
WIND DIR	DEG	36	45
WIND VEL	MPH	35	3
TEMP WATER	°C	10	25.5
D.O.	MG/L	299	~~2~~.6
COND	µMHO/CM	94	NA
pH FIELD	STD	400	7.3
REDOX	MV	90	-67
pH LAB	STD	403	
COND LAB	µMHO/CM	95	2500
TURBIDITY	NTU	76	~~5~~0
COLOR	PtCo	80	80
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci disk)	Meters	00078	
COLI MF	#/100 ML	31501	400*
FECAL MF	#/100 ML	31616	300
FEC STREP MF	#/100 ML	31679	820
CHLORINE RESIDUE	MG/L	31679	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.343
P TOT	MG/L	665	0.503
NO_2 N	MG/L	615	0.000
(NO_2+NO_3)-N	MG/L	630	0.020
NH_3 N	MG/L	608	0.081
ORGANIC N	MG/L	605	0.861
N KJEL (TKN)	MG/L	625	0.942
N TOT	MG/L	600	0.962
FLUORIDES DIS	MG/L	950	0.62
CHL-A CORR	µg/l	32211	
PHEO - A	µg/l	32218	
CHL - A	µg/l	32210	
CHL - B	µg/l	32212	
CHL - C	µg/l	32214	
CHL TOT (A+B+C)	µg/l	32216	
PHEO RATIO (OD 663) a/b		32219	
Residue Filterable(TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: 8-3-81

REPORT VERIFIED BY: J. Gunn

( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 355

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0588	9/21/81	0950	1.0 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
TIDE DIR	STD	900043	2 ✓
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0 ✓
TEMP WATER	°C	10	-
D.O.	MG/L	300	~~****~~ 3.8 ✓
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.6 ✓
COND LAB	µMHO/CM	95	14,590 ✓
TURBIDITY	NTU	76	2.5 ✓
COLOR	PtCo	80	175 ✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	300* ✓
FECAL MF	#/100ML	31616	60* ✓
FEC STREP MF	#/100ML	31679	610 ✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	-		
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 9-25-81

REPORT VERIFIED BY: J. Gues

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 355

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0615	9/21/81	0930	1.0 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 above dam in Oscar Scherer State Park.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0 ✓
TEMP WATER	°C	10	-
D.O.	MG/L	300	**** 0.8 ✓
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.4 ✓
COND LAB	µMHO/CM	95	1270 ✓
TURBIDITY	NTU	76	2.0 ✓
COLOR	PtCo	80	250 ✓
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci)	Meters	00078	
COLI MF	#/100ML	31501	<100* ✓
FECAL MF	#/100ML	31616	45* ✓
FEC STREP MF	#/100ML	31679	360* ✓
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 9-25-81

REPORT VERIFIED BY: J Green

( ) CHANGE DATE SUBMITTED

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

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0588	11/2/81	0850	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
TIDE	STD	900043	2
WIND DIR	DEG	36	45
WIND VEL	MPH	35	3
TEMP WATER	°C	10	24.0
D.O.	MG/L	300	5.0
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX	MV	90	-
pH LAB	STD	403	7.6
COND LAB	µMHO/CM	95	39,800
TURBIDITY	NTU	76	2.8
COLOR	PtCo	80	25
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci disk)	Meters	00078	
COLI MF	#/100 ML	31501	100*
FECAL MF	#/100 ML	31616	82*
FEC STREP MF	#/100 ML	31679	960
CHLORINE RESIDUE	MG/L	31679	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DIS	MG/L	950	0.88
CHL-A CORR	µg/l	32211	
PHEO - A	µg/l	32218	
CHL - A	µg/l	32210	
CHL - B	µg/l	32212	
CHL - C	µg/l	32214	
CHL TOT (A+B+C)	µg/l	32216	
PHEO RATIO (OD 663) b/a		32219	
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY:
6/6/81
REPORT VERIFIED BY: J. Gunn
( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

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

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0615	11/2/81	0830	1.0 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 above dam at Oscar Scherer State Park.

PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	-
WIND DIR	DEG	36	45
WIND VEL	MPH	35	3
TEMP WATER	°C	10	22.0
D.O.	MG/L	300	****2.9
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX	MV	90	-
pH LAB	STD	403	7.5
COND LAB	µMHO/CM	95	1650
TURBIDITY	NTU	76	7.7
COLOR	PtCo	80	50
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secci disk)	Meters	00078	
COLI MF	#/100 ML	31501	1,000*
FECAL MF	#/100 ML	31616	240
FEC STREP MF	#/100 ML	31679	730*
CHLORINE RESIDUE	MG/L	31679	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DIS	MG/L	950	0.53
CHL-A CORR	µg/l	32211	
PHEO - A	µg/l	32218	
CHL - A	µg/l	32210	
CHL - B	µg/l	32212	
CHL - C	µg/l	32214	
CHL TOT (A+B+C)	µg/l	32216	
PHEO RATIO (OD 663) b/a		32219	
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: 11/6/81

REPORT VERIFIED BY: J. Gunn

( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

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

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24.01.0588	12/28/81	1215	1.0 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 U.S. 41 bridge.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	1
WIND DIR	DEG	36	180
WIND VEL	MPH	35	3
TEMP WATER	°C	10	24.0
D.O.	MG/L	300	6.9
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.8
COND LAB	µMHO/CM	95	32,300
TURBIDITY	NTU	76	4.0
COLOR	PtCo	80	25
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	1,100*
FECAL MF	#/100ML	31616	90*
FEC STREP MF	#/100ML	31679	130*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	1.27
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 1/6/82

REPORT VERIFIED BY: J. Lum

( ) CHANGE DATE SUBMITTED

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

TIME A - GRAB SAMPLE		DEPTH
1200		1.0 Ft.
TIME B COMPOSITE SAMPLE		
COMP	BEGIN	
	END	

AGENCY	STATION	DATE
SARA C	24.01.0615	12/28/81

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 Scherer state park.

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	-
WIND DIR.	DEG	36	180
WIND VEL	MPH	35	3
TEMP WATER	°C	10	21.5
D.O.	MG/L	300	**** 3.0
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
REDOX (EH)	MV	90	-
pH LAB	STD	403	7.5
COND LAB	µMHO/CM	95	1520
TURBIDITY	NTU	76	8.7
COLOR	PtCo	80	125
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	300*
FECAL MF	#/100ML	31616	150*
FEC STREP MF	#/100ML	31679	220*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.96
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: caw 1/6/82

REPORT VERIFIED BY: J. Burns

( ) 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	
			COMP 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	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	~~90~~ 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/1	32211	
COLOR	PtCo	80	20	PHEO - A	µg/1	32218	
D.O. LAB	MG/L	299		CHL - A	µg/1	32210	
BOD	MG/L	310		CHL - B	µg/1	32212	
COD	MG/L	335		CHL - C	µg/1	32214	
Transparency (Secchi)	Meters	00078		CHL TOT (A+B+C)	µg/1	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	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	

SAMPLE TAKEN BY: Mahoney
REPORT PREPARED BY: 2/25/82
REPORT VERIFIED BY:
( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

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

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#615	2-16-82	0845	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 at oscar scherer St. park

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	—
WIND DIR.	DEG	36	110
WIND VEL	MPH	35	3
TEMP WATER	°C	10	18.0
D.O.	MG/L	300	***4.6
COND	µMHO/CM	94	2000
~~H FIELD~~	STD	400	—
~~REDOX (EH)~~ Salinity	~~MV~~ ppth	~~90~~ 480	0
pH LAB	STD	403	7.8
COND LAB	µMHO/CM	95	
TURBIDITY	NTU	76	3.7
COLOR	PtCo	80	40
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	400*
FECAL MF	#/100ML	31616	80*
FEC STREP MF	#/100ML	31679	90*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.248
P TOT	MG/L	665	0.372
NO_2 N	MG/L	615	<0.020
(NO_2+NO_3)-N	MG/L	630	<0.020
NH_3 N	MG/L	608	0.051
ORGANIC N	MG/L	605	0.900
N KJEL (TKN)	MG/L	625	0.951
N TOT	MG/L	600	0.951
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: caw 2/25/82
REPORT VERIFIED BY: [illegible]
( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 104

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#588	3-29-82	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

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	10
WIND VEL	MPH	35	15
TEMP WATER	°C	10	20.0
D.O.	MG/L	300	6.9
ND	µMHO/CM	94	21000
pH FIELD	STD	400	—
SALINITY	PPTH	480	12.5
pH LAB	STD	403	7.6
COND LAB	µMHO/CM	95	
TURBIDITY	NTU	76	1.5
COLOR	PtCo	80	40
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	300*
FECAL MF	#/100ML	31616	<10*
EC STREB MF	#/100ML	31679	130*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.74
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney, Gagliardo

REPORT PREPARED BY: caw 3/31/82

REPORT VERIFIED BY: J. Gunn

( ) 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
TIDE DIR	STD	00043	—
WIND DIR	DEG	36	10
WIND VEL	MPH	35	15
TEMP WATER	°C	10	21.0
D.O.	MG/L	300	****4.8
ND	µMHO/CM	94	1300
pH FIELD	STD	400	—
SALINITY	PPTH	480	0
pH LAB	STD	403	7.5
COND LAB	µMHO/CM	95	
TURBIDITY	NTU	76	4.2
COLOR	PtCo	80	50
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	1600 *
FECAL MF	#/100ML	31616	****820 *
EC STREB MF	#/100ML	31679	2700
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.43
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney, Caglivardo
REPORT PREPARED BY: caw 3/31/82
REPORT VERIFIED BY: L. Guen
( ) CHANGE DATE SUBMITTED

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM Lab# 177

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	# 588	5-24-82	0820	1.0
			TIME B COMPOSITE SAMPLE: COMP BEGIN / END	

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

REMARKS Chl determined is non linear range.
*Estimated count.

LOCATION Stream run #5 South creek at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	IN	P ORTHO DISS	MG/L	671	0.211
WIND DIR	DEG	36	45	P TOT	MG/L	665	0.412
WIND VEL	MPH	35	3	NO_2 N	MG/L	615	<0.020
TEMP WATER	°C	10	25.5	(NO_2+NO_3)-N	MG/L	630	0.020
D.O.	MG/L	300	—	NH_3 N	MG/L	608	0.155
COND	µMHO/CM	94	42600	ORGANIC N	MG/L	605	0.807
H FIELD	STD	400	—	N KJEL (TKN)	MG/L	625	0.962
SALINITY	PPTH	480	25.0	N TOT	MG/L	600	0.982
pH LAB	STD	403	7.6	FLUORIDES DIS	MG/L	950	0.98
COND LAB	µMHO/CM	95	44700	Sulfates	mg/L	945	1908
TURBIDITY	NTU	76	1.6	CHL-A CORR	µg/1	32211	1.60
COLOR	PtCo	80	20	PHEO - A	µg/1	32218	1.02
D.O. LAB	MG/L	299	****(2.7)	CHL - A	µg/1	32210	2.18
BOD	MG/L	310		CHL - B	µg/1	32212	0.86
COD	MG/L	335		CHL - C	µg/1	32214	0.57
Transparency (Secchi)	Meters	00078		CHL TOT (A+B+C)	µg/1	32216	3.61
COLI MF	#/100 ML	31501	100*	PHEO RATIO (OD 663) b/a		32219	1.43
FECAL MF	#/100 ML	31616	50*				
FEC STREP MF	#/100 ML	31679	440	Residue Non-Filterable (TSS)	MG/L	530	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: 6/8/82
REPORT VERIFIED BY: J. Green
( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM Lab# 177

AGENCY	STATION	DATE	TIME & GRAB SAMPLE	DEPTH
SARA C	#615	5-24-82	0800	1.0
			TIME & COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP END	

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

REMARKS Chl. determined on nonlinear range
*Estimated count.

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

PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	–
WIND DIR	DEG	36	–
WIND VEL	MPH	35	0
TEMP WATER	°C	10	23.5
D.O.	MG/L	300	-
COND	µMHO/CM	94	~~1490~~ -
H FIELD	STD	400	–
SALINITY	PPTH	480	~~1.5~~
pH LAB	STD	403	7.4
COND LAB	µMHO/CM	95	~~11000~~ -
TURBIDITY	NTU	76	1.8
COLOR	PtCo	80	60
D.O. LAB	MG/L	299	*** 3.3
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100 ML	31501	900 *
FECAL MF	#/100 ML	31616	240 *
FEC STREP MF	#/100 ML	31679	580
CHLORINE RESIDUE	MG/L	31679	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.219
P TOT	MG/L	665	0.622
NO_2 N	MG/L	615	<0.020
(NO_2+NO_3)-N	MG/L	630	0.026
NH_3 N	MG/L	608	0.053
ORGANIC N	MG/L	605	1.220
N KJEL (TKN)	MG/L	625	1.273
N TOT	MG/L	600	1.299
FLUORIDES DIS	MG/L	950	0.61
SULFATES	mG/L	945	674
CHL-A CORR	µg/1	32211	4.00
PHEO - A	µg/1	32218	1.98
CHL - A	µg/1	32210	5.18
CHL - B	µg/1	32212	1.45
CHL - C	µg/1	32214	0.75
CHL TOT (A+B+C)	µg/1	32216	7.38
PHEO RATIO (OD 663) b/a		32219	1.47
Residue Non-Filterable (TSS)	MG/L	530	
AGENCY	STD	27	

SAMPLE TAKEN BY: Mahoney
REPORT PREPARED BY: 6/8/82
REPORT VERIFIED BY: J. Gray
( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

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

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#588	7-20-82	0855	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

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	IN
WIND DIR.	DEG	36	45
WIND VEL	MPH	35	3
TEMP WATER	°C	10	28.5
D.O.	MG/L	299	—
COND	µMHO/CM	94	—
pH FIELD	STD	400	—
SALINITY	PPTH	480	—
pH LAB	STD	403	7.3
COND LAB	µMHO/CM	95	5930
TURBIDITY	NTU	76	1.3
COLOR	PtCo	80	200
D.O. LAB	MG/L	300	~~****~~ (2.9)
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	100 *
FECAL MF	#/100ML	31616	80 *
FEC STREP MF	#/100ML	31679	2600
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO2 N	MG/L	615	
(NO2+NO3)-N	MG/L	630	
NH3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.43
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: caw 7/26/82
REPORT VERIFIED BY:
( ) CHANGE DATE SUBMITTED

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

TIME A - GRAB SAMPLE	0840
TIME B COMPOSITE SAMPLE	
BEGIN	
END	

AGENCY	STATION	DATE
SARA C	#615	7-20-82

COMP

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

REMARKS

*Estimated count.

LOCATION Stream run #5 South Creek above dam Oscar Scherer St. pa

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-
WIND DIR.	DEG	36	-
WIND VEL	MPH	35	0
TEMP WATER	°C	10	28.0
D.O.	MG/L	299	-
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
SALINITY	PPTH	480	-
pH LAB	STD	403	7.2
COND LAB	µMHO/CM	95	628
TURBIDITY	NTU	76	1.8
COLOR	PtCo	80	200
D.O. LAB	MG/L	300	**** 1.8
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	600 *
FECAL MF	#/100ML	31616	510
FEC STREP MF	#/100ML	31679	2100
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE
P ORTHO DISS	MG/L	671
P TOT	MG/L	[illegible]
NO_2 N	MG/L	[illegible]
(NO_2+NO_3)-N	MG/L	630
NH_3 N	MG/L	608
ORGANIC N	MG/L	605
N KJEL (TKN)	MG/L	625
N TOT	MG/L	600
FLUORIDES DISSOLVED	MG/L	950
Residue Non-Filter (TSS)	MG/L	530
Residue Volatile Non-Filterable (TSVS)	MG/L	535
Residue, Fixed Non-Filterable (TSFS)		
Residue Filterable (TDS)	MG/L	70300
AGENCY	STD	27

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: caw 7/26/82
REPORT VERIFIED BY: L. Green
( ) CHANGE DAT

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

AGY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#588	9-27-82	0955	1.5
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP END	

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

REMARKS Very heavy runoff flow

*Estimated count.

LOCATION Stream Run #5 South Creek @ US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT
WIND DIR.	DEG	36	45
WIND VEL	MPH	35	5
TEMP WATER	°C	10	24.0
D.O.	MG/L	299	
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
SALINITY	PPTH	480	-
pH LAB	STD	403	6.9
COND LAB	µMHO/CM	95	302
TURBIDITY	NTU	76	2.3
COLOR	PtCo	80	200
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
FECAL COLI MF	#/100ML	31501	1300*
FECAL MF	#/100ML	31616	****900*
FECAL STREP MF	#/100ML	31679	2300
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	.14
TOTAL RESIDUE NON-FILTERABLE (TSS)	MG/L	530	
Residue Volatile NON-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	MG/L	540	
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Mahoney
REPORT PREPARED BY: caw 10/4/82
REPORT VERIFIED BY: J. Gum
( ) CHANGE DATE SUBMITTED

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

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#615	9-27-82	0930	1.0

TIME B COMPOSITE SAMPLE — COMP — BEGIN — END

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

REMARKS Very heavy runoff flow many observed growth in total plates
*Estimated count.

LOCATION Stream run #5 South creek above dam at Oscar Scherer St. Park

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	—
WIND DIR.	DEG	36	45
WIND VEL	MPH	35	5
TEMP WATER	°C	10	24.0
D.O.	MG/L	299	
COND	µMHO/CM	94	—
p_ FIELD	STD	400	—
SALINITY	PPTH	480	—
pH LAB	STD	403	6.6
COND LAB	µMHO/CM	95	332
TURBIDITY	NTU	76	1.8
COLOR	PtCo	80	250
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
C .I MF	#/100ML	31501	<1000* ~~450~~
FECAL MF	#/100ML	31616	520
STREP MF	#/100ML	31679	2200
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.15
TOTAL RESIDUE NON-FILTERABLE (TSS)	MG/L	530	
Residue Volatile NON-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	MG/L	540	
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: caw 10/4/82
REPORT VERIFIED BY: J. Green
( ) CHANGE DATE SUBMITTED

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM Lab# 372

GENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#588	10-18-82	1015	1.0

TIME B COMPOSITE SAMPLE — COMP — BEGIN — END

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

REMARKS chl det. on non linear range
*Estimated count.

LOCATION Stream run #5 South creek at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	OUT
WIND DIR	DEG	36	90
WIND VEL	MPH	35	15
TEMP WATER	°C	10	22.0
D.O..	MG/L	300	7.3
COND	µMHO/CM	94	900
pH FIELD	STD	400	—
SALINITY	PPTH	480	0.5
pH LAB	STD	403	7.1
COND LAB	µMHO/CM	95	867
TURBIDITY	NTU	76	4.5
COLOR	PtCo	80	140
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100 ML	31501	200 *
FECAL MF	#/100 ML	31616	40 *
FEC STREP MF	#/100 ML	31679	380
CHLORINE RESIDUE	MG/L	31679	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.217
P TOT	MG/L	665	0.364
NO_2 N	MG/L	615	0.038
(NO_2+NO_3)-N	MG/L	630	0.146
NH_3 N	MG/L	608	0.221
ORGANIC N	MG/L	605	1.550
N KJEL (TKN)	MG/L	625	1.771
N TOT	MG/L	600	1.917
FLUORIDES DIS	MG/L	950	0.32
CHL-A CORR	µg/l	32211	0.53
PHEO - A	µg/l	32218	0.00
CHL - A	µg/l	32210	.06
CHL - B	µg/l	32212	1.60
CHL - C	µg/l	32214	0.00
CHL TOT (A+B+C)	µg/l	32216	1.66
PHEO RATIO (OD 663) b/a		32219	10.00
Residue Non-Filterable (TSS)	MG/L	530	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: 11/1/82
REPORT VERIFIED BY: L. Green
( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

Sarasota County
Pollution Control Department

WATER QUALITY REPORT FORM Lab# 372

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#615	10-18-82	0950	1.0

TIME B COMPOSITE SAMPLE — COMP — BEGIN — END

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

REMARKS Chl det 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	0.203
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~~ nr.	ORGANIC N	MG/L	605	1.947
pH FIELD	STD	400	-	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~~ nr.				
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-Filterable (TSS)	MG/L	530	
CHLORINE RESIDUE	MG/L	31679		AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY:
11/1/82
REPORT VERIFIED BY: J. Lyons
( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

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

AGENCY	STATION	DATE
SARA C	#588	12-13-82

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

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

REMARKS

*Estimated count.

LOCATION Stream run #5
South Creek at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT
WIND DIR.	DEG	36	10
WIND VEL	MPH	35	15
TEMP WATER	°C	10	17.0
D.O.	MG/L	299	7.1
COND	µMHO/CM	94	20500
pH FIELD	STD	400	—
SALINITY	PPTH	480	15.0
pH LAB	STD	403	7.1
COND LAB	µMHO/CM	95	21900
TURBIDITY	NTU	76	2.8
COLOR	PtCo	80	60
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
FECAL MF	#/100ML	31501	100*
FECAL MF	#/100ML	31616	100*
FECAL STREP MF	#/100ML	31679	2800
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO2 N	MG/L	615	
(NO2+NO3)-N	MG/L	630	
NH3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.26
TOTAL RESIDUE NON-FILTERABLE (TSS)	MG/L	530	
Residue Volatile NON-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	MG/L	540	
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: caw 12/21/82
REPORT VERIFIED BY: [illegible]
( ) CHANGE DATE SUBMITTED

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

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

TIME B COMPOSITE SAMPLE — COMP — BEGIN — END

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

REMARKS

*Estimated count.

LOCATION Stream Run #5
South Creek above dam at Oscar Scherer ST. Park

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	—
WIND DIR.	DEG	36	10
WIND VEL	MPH	35	15
TEMP WATER	°C	10	18.5
D.O.	MG/L	299	***4.6
COND	µMHO/CM	94	1550
pH FIELD	STD	400	—
SALINITY	PPTH	480	1.0
pH LAB	STD	403	7.1
COND LAB	µMHO/CM	95	1520
TURBIDITY	NTU	76	9.4
COLOR	PtCo	80	70
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	200*
FECAL MF	#/100ML	31616	110*
STREP MF	#/100ML	31679	2800*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.40
TOTAL RESIDUE NON-FILTERABLE (TSS)	MG/L	530	
Residue Volatile NON-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)	MG/L	540	
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Malone
REPORT PREPARED BY: caw 12/21/82
REPORT VERIFIED BY: D Glenn
( ) CHANGE DATE SUBMITTED

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM Lab# 41

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#588	2-14-83	0920	1.0
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP END	

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

REMARKS

*Estimated count.

LOCATION Stream Run #5
South creek + US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	OUT
WIND DIR	DEG	36	340
WIND VEL	MPH	35	10
TEMP WATER	°C	10	15.0
D.O..	MG/L	300	6.4
COND	µMHO/CM	94	~~1450~~ 1813
pH FIELD	STD	400	
SALINITY	PPTH	480	1.5
pH LAB	STD	403	7.39
COND LAB	µMHO/CM	95	1628
TURBIDITY	NTU	76	3.2
COLOR	PtCo	80	140
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100 ML	31501	
FECAL MF	#/100 ML	31616	
FEC STREP MF	#/100 ML	31679	
CHLORINE RESIDUE	MG/L	31679	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.601
P TOT	MG/L	665	0.648
NO_2 N	MG/L	615	0.037
(NO_2+NO_3)-N	MG/L	630	0.238
NH_3 N	MG/L	608	0.201
ORGANIC N	MG/L	605	2.164
N KJEL (TKN)	MG/L	625	2.365
N TOT	MG/L	600	2.603
FLUORIDES DIS	MG/L	950	
CHL-A CORR	µg/l	32211	
PHEO - A	µg/l	32218	
CHL - A	µg/l	32210	
CHL - B	µg/l	32212	
CHL - C	µg/l	32214	
CHL TOT (A+B+C)	µg/l	32216	
PHEO RATIO (OD 663) b/a		32219	
Residue Non-Filterable (TSS)	MG/L	530	
AGENCY	STD	27	

SAMPLE TAKEN BY: M Lowery
REPORT PREPARED BY: 2/24/83
REPORT VERIFIED BY:
( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM Lab# 41

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#615	2-14-83	0900	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 at Oscar Scheuer St. Park

PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	—
WIND DIR	DEG	36	340
WIND VEL	MPH	35	10
TEMP WATER	°C	10	15.5
D.O..	MG/L	300	5.6
COND	µMHO/CM	94	519
H FIELD	STD	400	—
SALINITY	PPTH	480	0
pH LAB	STD	403	7.32
COND LAB	µMHO/CM	95	563
TURBIDITY	NTU	76	5.3
COLOR	PtCo	80	180
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100 ML	31501	
FECAL MF	#/100 ML	31616	
FEC STREP MF	#/100 ML	31679	
CHLORINE RESIDUE	MG/L	31679	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	1.174
P TOT	MG/L	665	1.308
NO_2 N	MG/L	615	0.053
(NO_2+NO_3)-N	MG/L	630	0.225
NH_3 N	MG/L	608	0.336
ORGANIC N	MG/L	605	2.397
N KJEL (TKN)	MG/L	625	2.733
N TOT	MG/L	600	2.958
FLUORIDES DIS	MG/L	950	
CHL-A CORR	µg/l	32211	
PHEO - A	µg/l	32218	
CHL - A	µg/l	32210	
CHL - B	µg/l	32212	
CHL - C	µg/l	32214	
CHL TOT (A+B+C)	µg/l	32216	
PHEO RATIO (OD 663) b/a		32219	
Residue Non-Filterable (TSS)	MG/L	530	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: 2/24/83
REPORT VERIFIED BY: J Lewis
( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM Lab# 64

GENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	#588	3-1-83	1020	1.0
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP 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
TIDE	STD	900043	OUT
WIND DIR	DEG	36	340
WIND VEL	MPH	35	25
TEMP WATER	°C	10	18.0
D.O..	MG/L	300	6.6
COND	µMHO/CM	94	1395
pH FIELD	STD	400	—
SALINITY	PPTH	480	1.0 *
pH LAB	STD	403	7.2
COND LAB	µMHO/CM	95	1397
TURBIDITY	NTU	76	3.7
COLOR	PtCo	80	160
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100 ML	31501	
FECAL MF	#/100 ML	31616	
FEC STREP MF	#/100 ML	31679	
CHLORINE RESIDUE	MG/L	31679	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.616
P TOT	MG/L	665	0.758
NO_2 N	MG/L	615	0.042
(NO_2+NO_3)-N	MG/L	630	0.221
NH_3 N	MG/L	608	0.243
ORGANIC N	MG/L	605	2.174
N KJEL (TKN)	MG/L	625	2.417
N TOT	MG/L	600	2.638
FLUORIDES DIS	MG/L	950	
CHL-A CORR	µg/l	32211	
PHEO - A	µg/l	32218	
CHL - A	µg/l	32210	
CHL - B	µg/l	32212	
CHL - C	µg/l	32214	
CHL TOT (A+B+C)	µg/l	32216	
PHEO RATIO (OD 663) b/a		32219	
Residue Non-Filterable (TSS)	MG/L	530	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY:

REPORT VERIFIED BY: 5-18-83 JM
( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

Sarasota County
Pollution Control Department
WATER QUALITY REPORT FORM Lab# 64

AGENCY	STATION	DATE
SARA C	#615	3-1-83

TIME A - GRAB SAMPLE		DEPTH
1000		
TIME B COMPOSITE SAMPLE		1.0
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 Oscar Scherer ST. Park

PARAMETER	UNIT	CODE	VALUE
TIDE	STD	900043	-
WIND DIR	DEG	36	340
WIND VEL	MPH	35	25
TEMP WATER	°C	10	18.0
D.O..	MG/L	300	5.4
COND	µMHO/CM	94	535
.H FIELD	STD	400	-
SALINITY	PPTH	480	0.0 *
pH LAB	STD	403	7.1
COND LAB	µMHO/CM	95	442
TURBIDITY	NTU	76	7.2
COLOR	PtCo	80	160
D.O. LAB	MG/L	299	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100 ML	31501	
FECAL MF	#/100 ML	31616	
FEC STREP MF	#/100 ML	31679	
dLORINE RESIDUE	MG/L	31679	

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.817
P TOT	MG/L	665	0.997
NO_2 N	MG/L	615	0.044
(NO_2+NO_3)-N	MG/L	630	0.221
NH_3 N	MG/L	608	0.317
ORGANIC N	MG/L	605	2.068
N KJEL (TKN)	MG/L	625	2.385
N TOT	MG/L	600	2.606
FLUORIDES DIS	MG/L	950	
CHL-A CORR	µg/l	32211	
PHEO - A	µg/l	32218	
CHL - A	µg/l	32210	
CHL - B	µg/l	32212	
CHL - C	µg/l	32214	
CHL TOT (A+B+C)	µg/l	32216	
PHEO RATIO (OD 663) b/a		32219	
Residue Non-Filterable (TSS)	MG/L	530	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY:

REPORT VERIFIED BY: [illegible] 5-18-83
( ) CHANGE DATE SUBMITTED

DER Form PERM 21-10 (Jun 76)

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 188

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0588	3-26-83	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

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	—
WIND VEL	MPH	35	0
TEMP WATER	°C	10	19.5
D.O.	MG/L	299	5.0
COND	µMHO/CM	94	—
pH FIELD	STD	400	—
SALINITY	PPTH	480	—
pH LAB	STD	403	7.2
COND LAB	µMHO/CM	95	575
TURBIDITY	NTU	76	2.5
COLOR	PtCo	80	140
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000 *
FECAL MF	#/100ML	31616	350
FEC STREP MF	#/100ML	31679	910 *
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.369
P TOT	MG/L	665	0.440
NO_2 N	MG/L	615	<0.020
(NO_2+NO_3)-N	MG/L	630	0.236
NH_3 N	MG/L	608	0.090
ORGANIC N	MG/L	605	1.356
N KJEL (TKN)	MG/L	625	1.446
N TOT	MG/L	600	1.682
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: M Mosley

REPORT PREPARED BY: J. Guerra 4/2/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 154

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
...RA C	2401 0588	4-6-83	0855	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 & US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	OUT
WIND DIR	DEG	36	110
WIND VEL	MPH	35	5
TEMP WATER	°C	10	23.0
D.O.	MG/L	299	5.8
COND	µMHO/CM	94	830
... FIELD	STD	400	—
SALINITY	PPTH	480	0.5
pH LAB	STD	403	7.4
COND LAB	µMHO/CM	95	743
TURBIDITY	NTU	76	3.1
COLOR	PtCo	80	80
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<100*
FECAL MF	#/100ML	31616	90+
...C STREP MF	#/100ML	31679	250
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.32
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: caw
REPORT VERIFIED BY: LW 6-22-83
( ) CHANGE
DATE SUBMITTI

Pollution Control Division
Sarasota County Pollution Control Laboratory

WATER QUALITY REPORT FORM Lab # 154

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
...RA C	24 01 0615	4-6-83	0840	1.0
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP END	

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

REMARKS

*Estimated count.

LOCATION Stream Run #5 South Creek above dam n Oscar Scherer St. Park

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	—
WIND DIR	DEG	36	90
WIND VEL	MPH	35	3
TEMP WATER	°C	10	23.5
D.O.	MG/L	299	5.0
COND	µMHO/CM	94	730
...H FIELD	STD	400	—
SALINITY	PPTH	480	0.0
pH LAB	STD	403	7.2
COND LAB	µMHO/CM	95	666
TURBIDITY	NTU	76	2.7
COLOR	PtCo	80	160
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	NA
FECAL MF	#/100ML	31616	110*
...EC STREP MF	#/100ML	31679	310
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.30
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Mahoney

REPORT PREPARED BY: CBW 4/11/83

REPORT VERIFIED BY: J Thum LM 4-22-83

( ) CHANGE DATE SUBMITTI

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 233

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0615	5-29-83	1010	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 at Oscar Scherer St. Park

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	—
WIND DIR	DEG	36	—
WIND VEL	MPH	35	0
TEMP WATER	°C	10	26.0
D.O.	MG/L	299	**** 4.1
COND	µMHO/CM	94	1225
pH FIELD	STD	400	—
SALINITY	PPTH	480	1.0
pH LAB	STD	403	7.5
COND LAB	µMHO/CM	95	1009
TURBIDITY	NTU	76	9.7
COLOR	PtCo	80	60
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<100*
FECAL MF	#/100ML	31616	60*
FEC STREP MF	#/100ML	31679	19000*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.44
SULFATE DISSOLVED	MG/L	946	239.3
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD		

SAMPLE TAKEN BY:

REPORT PREPARED BY:

REPORT VERIFIED BY:

( ) CHANGE

DATE

TITLE

RECEIVED 27 JUL 1983 ENVIRONMENTAL SERVICES

ENVIRONMENTAL SERVICES DIVISION

WATER QUALITY REPORT FORM Lab # 287

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
RA C	2401-0588	6-20-83	0950	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

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	IN
WIND DIR	DEG	36	180
WIND VEL	MPH	35	3
TEMP WATER	°C	10	28.0
D.O.	MG/L	299	~~****~~ 2.5
COND	µMHO/CM	94	54400
FIELD	STD	400	-
SALINITY	PPTH	480	23.5
pH LAB	STD	403	7.8
COND LAB	µMHO/CM	95	28548
TURBIDITY	NTU	76	3.8
COLOR	PtCo	80	55
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<100*
FECAL MF	#/100ML	31616	50*
FEC STREP MF	#/100ML	31679	1600*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.377
P TOT	MG/L	665	0.525
NO_2 N	MG/L	615	0.034
(NO_2+NO_3)-N	MG/L	630	0.089
NH_3 N	MG/L	608	0.040
ORGANIC N	MG/L	605	1.349
N KJEL (TKN)	MG/L	625	1.389
N TOT	MG/L	600	1.478
FLUORIDES DISSOLVED	MG/L	950	0.67
SULFATE DISSOLVED	MG/L	946	1511.8
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY Mahoney

REPORT PREPARED BY: J Thuney 6/27/83

REPORT VERIFIED BY: LM 9-13-83

( ) CHANGE DATE SUBMITTED

ENVIRONMENTAL SERVICES

WATER QUALITY REPORT FORM Lab # 287

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
ERA 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

*Estimated count.

LOCATION Stream Run #5 South Creek above dam at Oscar Scherer ST. Park

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-
WIND DIR	DEG	36	~~0~~
WIND VEL	MPH	35	0
TEMP WATER	°C	10	26.0
D.O.	MG/L	299	**** 3.4
COND	µMHO/CM	94	980
pH FIELD	STD	400	-
SALINITY	PPTH	480	0.5
pH LAB	STD	403	7.4
COND LAB	µMHO/CM	95	978
TURBIDITY	NTU	76	5.1
COLOR	PtCo	80	110
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	< 100*
FECAL MF	#/100ML	31616	45*
FEC STREP MF	#/100ML	31679	550*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.259
P TOT	MG/L	665	0.481
NO_2 N	MG/L	615	0.122
(NO_2+NO_3)-N	MG/L	630	0.508
NH_3 N	MG/L	608	0.061
ORGANIC N	MG/L	605	1.244
N KJEL (TKN)	MG/L	625	1.305
N TOT	MG/L	600	1.813
FLUORIDES DISSOLVED	MG/L	950	0.36
SULFATE DISSOLVED	MG/L	946	185.3
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Mafaney

REPORT PREPARED BY: [signature] 6/27/83

REPORT VERIFIED BY: Lm 9-13-83

( ) CHANGE 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

*Estimated count.

LOCATION Stream Run *5
South Creek & US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	000043	OUT
WIND DIR	DEG	36	—
WIND VEL	MPH	35	0
TEMP WATER	°C	10	27.5
D.O.	MG/L	299	5.0
COND	µMHO/CM	94	12900
pH FIELD	STD	400	—
SALINITY	PPTH	480	8.0
pH LAB	STD	403	7.8
COND LAB	µMHO/CM	95	17438
TURBIDITY	NTU	76	
COLOR	PtCo	80	65
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000*
FECAL MF	#/100ML	31616	300*
FEC STREP MF	#/100ML	31679	14000*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.68
SULFATE DISSOLVED	MG/L	946	824.0
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Malone

REPORT PREPARED BY: caw 8/1/83

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 361

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0615	7-27-83	0920	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 AT Oscar Scherer ST. Park

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	–
WIND DIR	DEG	36	–
WIND VEL	MPH	35	0
TEMP WATER	°C	10	26.0
D.O.	MG/L	299	***4.8
COND	µMHO/CM	94	980
pH FIELD	STD	400	–
SALINITY	PPTH	480	1.0
pH LAB	STD	403	7.5
COND LAB	µMHO/CM	95	1077
TURBIDITY	NTU	76	
COLOR	PtCo	80	80
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	na
FECAL MF	#/100ML	31616	***2300
FEC STREP MF	#/100ML	31679	29000
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.47
SULFATE DISSOLVED	MG/L	946	260.9
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: MAlowery

REPORT PREPARED BY: JGreen caw 8/1/83

REPORT VERIFIED BY:

( ) CHANGE 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: 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

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0
TEMP WATER	°C	10	28.0
D.O.	MG/L	299	***2.4
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
SALINITY	PPTH	480	-
pH LAB	STD	403	7.4
COND LAB	µMHO/CM	95	6259
TURBIDITY	NTU	76	2.2
COLOR	PtCo	80	160
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<100*
FECAL MF	#/100ML	31616	20*
FEC STREP MF	#/100ML	31679	57000
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	0.042
(NO_2+NO_3)-N	MG/L	630	0.274
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.43
SULFATE DISSOLVED	MG/L	946	303.9
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: [illegible]
REPORT PREPARED BY: [illegible] 9/2/83
REPORT VERIFIED BY:
/ \CHANGE
DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 427

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0615	8-29-83	0850	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
TIDE DIR	STD	00043	-
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0
TEMP WATER	°C	10	27.0
D.O.	MG/L	299	**** 2.7
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
SALINITY	PPTH	480	-
pH LAB	STD	403	7.2
COND LAB	µMHO/CM	95	553
TURBIDITY	NTU	76	2.3
COLOR	PtCo	80	200
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<100*
FECAL MF	#/100ML	31616	30
FEC STREP MF	#/100ML	31679	97000
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	.053
(NO_2+NO_3)-N	MG/L	630	.365
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.31
SULFATE DISSOLVED	MG/L	946	96.4
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: McGarvey

REPORT PREPARED BY: Jeffrey 9/2/83

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 514

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	2401-0588	10-11-83	1055	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

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	45
WIND VEL	MPH	35	5
TEMP WATER	°C	10	27.5
D.O.	MG/L	299	***2.9
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
SALINITY	PPTH	480	-
pH LAB	STD	403	7.6
COND LAB	µMHO/CM	95	18489
TURBIDITY	NTU	76	4.0
COLOR	PtCo	80	70
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	489.2
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000*
FECAL MF	#/100ML	31616	140*
FEC STREP MF	#/100ML	31679	5800*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.462
P TOT	MG/L	665	-
NO_2 N	MG/L	615	0.021
(NO_2+NO_3)-N	MG/L	630	0.264
NH_3 N	MG/L	608	0.743
ORGANIC N	MG/L	605	-
N KJEL (TKN)	MG/L	625	-
N TOT	MG/L	600	-
FLUORIDES DISSOLVED	MG/L	950	0.62
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: N Maloney
REPORT PREPARED BY: J Gerry 10/18/83

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 514

AGENCY	STATION	DATE
SARA C	24-01-615	10-11-83

TIME A - GRAB SAMPLE: 10.45
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 da oscar scheven ST. park

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	-
WIND DIR	DEG	36	45
WIND VEL	MPH	35	5
TEMP WATER	°C	10	24.5
D.O.	MG/L	299	~~3.0~~
COND	µMHO/CM	94	—
pH FIELD	STD	400	-
SALINITY	PPTH	480	-
pH LAB	STD	403	7.3
COND LAB	µMHO/CM	95	803
TURBIDITY	NTU	76	4.8
COLOR	PtCo	80	120
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	48.0
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	< 1000 *
FECAL MF	#/100ML	31616	460
FEC STREP MF	#/100ML	31679	70000
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE
P ORTHO DISS	MG/L	671
P TOT	MG/L	[illegible]
NO_2 N	MG/L	613
(NO_2+NO_3)-N	MG/L	630
NH_3 N	MG/L	608
ORGANIC N	MG/L	605
N KJEL (TKN)	MG/L	625
N TOT	MG/L	600
FLUORIDES DISSOLVED	MG/L	950
Residue Non-Filter (TSS)	MG/L	530
Residue Volatile Non-Filterable (TSVS)	MG/L	535
Residue, Fixed Non-Filterable (TSFS)		
Residue Filterable (TDS)	MG/L	70300
AGENCY	STD	27

SAMPLE TAKEN BY: Mabsa
REPORT PREPARED BY: J. Emery 10/18/83

REPORT VERIFIED BY:

( ) CHANGE 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
0945	1.0
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
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	45
WIND VEL	MPH	35	3
TEMP WATER	°C	10	16.5
D.O.	MG/L	299	***4.3
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
SALINITY	PPTH	480	-
pH LAB	STD	403	7.3
COND LAB	µMHO/CM	95	1007
TURBIDITY	NTU	76	2.2
COLOR	PtCo	80	140
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	67.7
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000*
FECAL MF	#/100ML	31616	340
FEC STREP MF	#/100ML	31679	406*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.336
P TOT	MG/L	665	0.449
NO_2 N	MG/L	615	0.031
(NO_2+NO_3)-N	MG/L	630	0.234
NH_3 N	MG/L	608	0.164
ORGANIC N	MG/L	605	1.747
N KJEL (TKN)	MG/L	625	1.911
N TOT	MG/L	600	2.145
FLUORIDES DISSOLVED	MG/L	950	0.38
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Mahoney
REPORT PREPARED BY: [signature] 11/28/83

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 580

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0615	11-14-83	0930	1.0
			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
TIDE DIR	STD	00043	-
WIND DIR.	DEG	36	45
WIND VEL	MPH	35	5
TEMP WATER	°C	10	17.0
D.O.	MG/L	299	5.7
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
SALINITY	PPTH	480	-
pH LAB	STD	403	7.4
COND LAB	µMHO/CM	95	553
TURBIDITY	NTU	76	3.2
COLOR	PtCo	80	130
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	69.8
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	na
FECAL MF	#/100ML	31616	***1100*
FEC STREP MF	#/100ML	31679	2300
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.366
P TOT	MG/L	665	0.508
NO_2 N	MG/L	615	0.031
(NO_2+NO_3)-N	MG/L	630	0.273
NH_3 N	MG/L	608	0.225
ORGANIC N	MG/L	605	1.686
N KJEL (TKN)	MG/L	625	1.911
N TOT	MG/L	600	2.184
FLUORIDES DISSOLVED	MG/L	950	0.34
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: M Hodges
REPORT PREPARED BY: J. Leach 11/28/83
REPORT VERIFIED BY:
( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 622

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0588	12-7-83	0910	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

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	45
WIND VEL	MPH	35	5
TEMP WATER	°C	10	20.0
D.O.	MG/L	299	6.0
COND	µMHO/CM	94	—
pH FIELD	STD	400	—
SALINITY	PPTH	480	—
pH LAB	STD	403	7.6
COND LAB	µMHO/CM	95	11175
TURBIDITY	NTU	76	3.4
COLOR	PtCo	80	100
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000*
FECAL MF	#/100ML	31616	220
FEC STREP MF	#/100ML	31679	560
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.57
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: M. Lowe

REPORT PREPARED BY: J. Lynch 12/12/83

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 622

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0615	12-7-83	0900	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
TIDE DIR	STD	00043	—
WIND DIR	DEG	36	45
WIND VEL	MPH	35	5
TEMP WATER	°C	10	20.0
D.O.	MG/L	299	4.0 ***
COND	µMHO/CM	94	—
pH FIELD	STD	400	—
SALINITY	PPTH	480	—
pH LAB	STD	403	7.4
COND LAB	µMHO/CM	95	786
TURBIDITY	NTU	76	4.5
COLOR	PtCo	80	120
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	< 1000 *
FECAL MF	#/100ML	31616	250
FEC STREP MF	#/100ML	31679	580
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	0.40
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Mahoney

REPORT PREPARED BY: [signature] 12/12/83

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 61

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0588	2-1-84	0745	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

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	45
WIND VEL	MPH	35	3
TEMP WATER	°C	10	14.0
D.O.	MG/L	299	6.5
COND	µMHO/CM	94	7500
pH FIELD	STD	400	-
SALINITY	PPTH	480	5.5
pH LAB	STD	403	7.5
COND LAB	µMHO/CM	95	8929
TURBIDITY	NTU	76	4.1
COLOR	PtCo	80	80
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000*
FECAL MF	#/100ML	31616	330
FEC STREP MF	#/100ML	31679	800*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: MAHONEY

REPORT PREPARED BY: J Guest 2/6/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 61

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0615	2-1-84	0730	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 Oscaa Scheren ST. Park

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	—
WIND DIR	DEG	36	45
WIND VEL	MPH	35	3
TEMP WATER	°C	10	13.0
D.O.	MG/L	299	5.5
COND	µMHO/CM	94	750
pH FIELD	STD	400	—
SALINITY	PPTH	480	0.5
pH LAB	STD	403	7.4
COND LAB	µMHO/CM	95	941
TURBIDITY	NTU	76	5.7
COLOR	PtCo	80	100
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000*
FECAL MF	#/100ML	31616	290
FEC STREP MF	#/100ML	31679	1800*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: [signature] 2/6/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 188

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0615	3-26-84	0900	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 at Oscar Scheuer ST. Park

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	-
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0
TEMP WATER	°C	10	19.0
D.O.	MG/L	299	4.6
COND	µMHO/CM	94	-
pH FIELD	STD	400	-
SALINITY	PPTH	480	-
pH LAB	STD	403	7.2
COND LAB	µMHO/CM	95	466
TURBIDITY	NTU	76	1.5
COLOR	PtCo	80	140
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	2100*
FECAL MF	#/100ML	31616	370
FEC STREP MF	#/100ML	31679	130*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.338
P TOT	MG/L	665	0.396
NO_2 N	MG/L	615	<0.020
(NO_2+NO_3)-N	MG/L	630	0.224
NH_3 N	MG/L	608	0.080
ORGANIC N	MG/L	605	1.288
N KJEL (TKN)	MG/L	625	1.368
N TOT	MG/L	600	1.592
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: N Bolton

REPORT PREPARED BY: [signature] 4/2/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 253

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0588	4-25-84	0810	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

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	NO_2 N	MG/L	615	
TEMP WATER	°C	10	20.0	(NO_2+NO_3)-N	MG/L	630	
D.O.	MG/L	299	5.3	NH_3 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~~	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: Mahoney

REPORT PREPARED BY: J Lewis 4/30/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 253

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0615	4-24-84	0745	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 at Oscar Scherer 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	NO_2 N	MG/L	615	
TEMP WATER	°C	10	20.0	(NO_2+NO_3)-N	MG/L	630	
D.O.	MG/L	299	~~4.8~~	NH_3 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	~~950~~ 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 Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: Mahoney

REPORT PREPARED BY: J. Gurney 4/30/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 309

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0588	5-29-84	0855	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

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	IN	P ORTHO DISS	MG/L	671	
WIND DIR	DEG	36	-	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO_2 N	MG/L	615	
TEMP WATER	°C	10	27.0	(NO_2+NO_3)-N	MG/L	630	
D.O.	MG/L	299	**** 3.4	NH_3 N	MG/L	608	
COND	µMHO/CM	94	-	ORGANIC N	MG/L	605	
pH FIELD	STD	400	7.3	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	40502				
TURBIDITY	NTU	76	2.6	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	335					
Transparency (Secchi)	Meters	00078		Residue, Fixed Non-Filterable (TSFS)			
COLI MF	#/100ML	31501	<100*				
FECAL MF	#/100ML	31616	20*				
FEC STREP MF	#/100ML	31679	3000	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: [signature] 6/4/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 309

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0615	5-29-84	0840	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
TIDE DIR	STD	00043	-
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0
TEMP WATER	°C	10	24.5
D.O.	MG/L	299	3.9
COND	µMHO/CM	94	-
pH FIELD	STD	400	7.2
SALINITY	PPTH	480	-
pH LAB	STD	403	7.6
COND LAB	µMHO/CM	95	1112
TURBIDITY	NTU	76	7.7
COLOR	PtCo	80	80
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000 *
FECAL MF	#/100ML	31616	270
FEC STREP MF	#/100ML	31679	>10000 *
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: M. Lodge

REPORT PREPARED BY: J. Gurley 6/4/84

REPORT VERIFIED BY:

( ) CHANGE 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	6-19-84	1130	1.0

TIME B COMPOSITE SAMPLE — COMP — BEGIN — END

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 at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	210
WIND VEL	MPH	35	5
TEMP WATER	°C	10	28.0
D.O.	MG/L	299	5.0
COND	µMHO/CM	94	9400
pH FIELD	STD	400	7.2
SALINITY	PPTH	480	5.5
pH LAB	STD	403	7.3
COND LAB	µMHO/CM	95	10624
TURBIDITY	NTU	76	2.1
COLOR	PtCo	80	100
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	335	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	< 1000 *
FECAL MF	#/100ML	31616	110 *
FEC STREP MF	#/100ML	31679	2000
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.430
P TOT	MG/L	665	0.566
NO_2 N	MG/L	615	< 0.020
(NO_2+NO_3)-N	MG/L	630	0.061
NH_3 N	MG/L	608	0.308
ORGANIC N	MG/L	605	0.902
N KJEL (TKN)	MG/L	625	1.210
N TOT	MG/L	600	1.271
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Malowey
REPORT PREPARED BY: J Ewert 7/5/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 361

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0615	6-19-84	1115	1.0
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP END	

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	00043	-	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	NO_2 N	MG/L	615	< 0.020
TEMP WATER	°C	10	26.0	(NO_2+NO_3)-N	MG/L	630	0.098
D.O.	MG/L	299	6.7	NH_3 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-Filterable (TSFS)			
COLI MF	#/100ML	31501	<100 *				
FECAL MF	#/100ML	31616	30 *				
FEC STREP MF	#/100ML	31679	1100 *	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: J. Green 7/5/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 410

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0588	7-23-84	0945	1.0
			TIME B COMPOSITE SAMPLE	
			COMP — BEGIN	
			END	

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 at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	45
WIND VEL	MPH	35	5
TEMP WATER	°C	10	27.0
D.O.	MG/L	299	~~****~~ 2.5
COND	µMHO/CM	94	670
ϑ FIELD	STD	400	6.8
SALINITY	PPTH	480	0.5
pH LAB	STD	403	7.0
COND LAB	µMHO/CM	95	789
TURBIDITY	NTU	76	1.1
COLOR	PtCo	80	220
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<100*
FECAL MF	#/100ML	31616	20*
FEC STREP MF	#/100ML	31679	100*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.589
P TOT	MG/L	665	0.798
NO_2 N	MG/L	630	<0.020
(NO_2+NO_3)-N	MG/L	630	<0.020
NH_3 N	MG/L	608	0.132
ORGANIC N	MG/L	605	1.609
N KJEL (TKN)	MG/L	625	1.741
N TOT	MG/L	600	1.741
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: M Young

REPORT PREPARED BY: J Lindy 7/30/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

WATER QUALITY REPORT FORM

Lab # 410

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0615	7-23-84	0930	1.0

TIME B COMPOSITE SAMPLE — COMP — BEGIN — END

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
TIDE DIR	STD	900043	—
WIND DIR	DEG	36	45
WIND VEL	MPH	35	5
TEMP WATER	°C	10	27.0
D.O.	MG/L	299	***2.1
COND	µMHO/CM	94	340
H FIELD	STD	400	6.7
SALINITY	PPTH	480	0.0
pH LAB	STD	403	6.9
COND LAB	µMHO/CM	95	333
TURBIDITY	NTU	76	1.3
COLOR	PtCo	80	220
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	< 100*
FECAL MF	#/100ML	31616	50*
FEC STREP MF	#/100ML	31679	500*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.620
P TOT	MG/L	665	0.857
NO_2 N	MG/L	630	< 0.020
(NO_2+NO_3)-N	MG/L	630	< 0.020
NH_3 N	MG/L	608	0.081
ORGANIC N	MG/L	605	1.543
N KJEL (TKN)	MG/L	625	1.624
N TOT	MG/L	600	1.624
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: J Lyon 7/30/84

REPORT VERIFIED BY:

( ) CHANGE

DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 459

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0588	8-15-84	0850	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 0841 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	000043	OUT
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0
TEMP WATER	°C	10	28.0
D.O.	MG/L	299	*** 3.7
COND	µMHO/CM	94	-
PH FIELD	STD	400	6.3
SALINITY	PPTH	480	-
pH LAB	STD	403	7.8
COND LAB	µMHO/CM	95	18586
TURBIDITY	NTU	76	2.8
COLOR	PtCo	80	60
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	2100*
FECAL MF	#/100ML	31616	40*
FEC STREP MF	#/100ML	31679	2800
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	630	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: J Guen 8/21/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 459

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0615	8-15-84	0835	1.0
			TIME B COMPOSITE SAMPLE	
			COMP — BEGIN	
			END	

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

REMARKS more Turbid Than usual

*Estimated count.

LOCATION STream Run #5 South Creek above The dam in Oscar Scher Park

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	900043	-
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0
TEMP WATER	°C	10	26.0
D.O.	MG/L	299	**** 4.0
COND	µMHO/CM	94	—
pH FIELD	STD	400	6.8
SALINITY	PPTH	480	-
pH LAB	STD	403	7.5
COND LAB	µMHO/CM	95	979
TURBIDITY	NTU	76	9.5
COLOR	PtCo	80	100
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	N.A
FECAL MF	#/100ML	31616	140*
FEC STREP MF	#/100ML	31679	1300*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	630	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: J Gunn 8/21/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 497

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
ARA C	24-01-0588	9-10-84	0935	1.0

TIME B COMPOSITE SAMPLE — COMP — BEGIN — 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 at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	IN
WIND DIR	DEG	36	300
WIND VEL	MPH	35	10
TEMP WATER	°C	10	27.5
D.O.	MG/L	299	6.6
COND	µMHO/CM	94	38,100
H FIELD	STD	400	—
SALINITY	PPTH	480	24.5
pH LAB	STD	403	8.0
COND LAB	µMHO/CM	95	40,540
TURBIDITY	NTU	76	2.3
COLOR	PtCo	80	40
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<100 *
FECAL MF	#/100ML	31616	30 *
FEC STREP MF	#/100ML	31679	12000 *
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.124
P TOT	MG/L	665	0.181
NO2 N	MG/L	630	0.0
(NO_2+NO_3)-N	MG/L	630	n.a
NH_3 N	MG/L	608	0.010
ORGANIC N	MG/L	605	1.302
N KJEL (TKN)	MG/L	625	1.312
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Mallowey

REPORT PREPARED BY: [signature] 9/19/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 497

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
ARA C	24-01-0615	9-10-84	0915	1.0

TIME B COMPOSITE SAMPLE — COMP — BEGIN — 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
TIDE DIR	STD	00043	-
WIND DIR	DEG	36	300
WIND VEL	MPH	35	10
TEMP WATER	°C	10	26.0
D.O.	MG/L	299	5.8
COND	µMHO/CM	94	1100
H FIELD	STD	400	-
SALINITY	PPTH	480	1.0
pH LAB	STD	403	7.6
COND LAB	µMHO/CM	95	1,070
TURBIDITY	NTU	76	8.4
COLOR	PtCo	80	60
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<1000 *
FECAL MF	#/100ML	31616	150 *
FEC STREP MF	#/100ML	31679	2200
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.103
P TOT	MG/L	665	0.281
NO_2 N	MG/L	630	0.0
(NO_2+NO_3)-N	MG/L	630	n.a.
NH_3 N	MG/L	608	0.040
ORGANIC N	MG/L	605	0.978
N KJEL (TKN)	MG/L	625	1.018
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: M. Lowe

REPORT PREPARED BY: J. Guyer 9/19/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 596

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0588	10-29-84	0900	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

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	OUT
WIND DIR	DEG	36	90
WIND VEL	MPH	35	5
TEMP WATER	°C	10	27.0
D.O.	MG/L	299	6.6
COND	µMHO/CM	94	40400
pH FIELD	STD	400	—
SALINITY	PPTH	480	25.0
pH LAB	STD	403	7.9
COND LAB	µMHO/CM	95	44010
TURBIDITY	NTU	76	1.9
COLOR	PtCo	80	20
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<100*
FECAL MF	#/100ML	31616	30*
FEC STREP MF	#/100ML	31679	3500
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.133
P TOT	MG/L	665	0.843
NO_2 N	MG/L	~~630~~	0.0
(NO_2+NO_3)-N	MG/L	630	0.013
NH_3 N	MG/L	608	0.040
ORGANIC N	MG/L	605	0.656
N KJEL (TKN)	MG/L	625	0.696
N TOT	MG/L	600	0.709
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: J. Glenn 11/7/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 596

TIME A - GRAB SAMPLE		DEPTH
0845		1.0
TIME B COMPOSITE SAMPLE		
COMP	BEGIN	
	END	

AGENCY	STATION	DATE
SARA C	24-01-0615	10-29-84

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 STaTe park

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	00043	–
WIND DIR	DEG	36	90
WIND VEL	MPH	35	5
TEMP WATER	°C	10	25.0
D.O.	MG/L	299	3.7
COND	µMHO/CM	94	3600
pH FIELD	STD	400	–
SALINITY	PPTH	480	2.5
pH LAB	STD	403	7.6
COND LAB	µMHO/CM	95	3650
TURBIDITY	NTU	76	7.6
COLOR	PtCo	80	60
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	<100*
FECAL MF	#/100ML	31616	60*
FEC STREP MF	#/100ML	31679	1400*
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.184
P TOT	MG/L	665	0.426
NO_2 N	MG/L	~~630~~	0.0
(NO_2+NO_3)-N	MG/L	630	0.038
NH_3 N	MG/L	608	0.070
ORGANIC N	MG/L	605	0.790
N KJEL (TKN)	MG/L	625	0.860
N TOT	MG/L	600	0.898
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: J Hunt 11/7/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 682

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
CA C	24-01-0588	12-12-84	0930	1.0
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN	
			COMP 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
TIDE DIR	STD	67	5000 J
WIND DIR	DEG	36	—
WIND VEL	MPH	35	0
TEMP WATER	°C	10	18.5
D.O.	MG/L	299	8.3
COND	µMHO/CM	94	36210
FIELD	STD	400	-
SALINITY	PPTH	480	23.0
pH LAB	STD	403	8.0
COND LAB	µMHO/CM	95	38453
TURBIDITY	NTU	76	2.2
COLOR	PtCo	80	30
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	100 J
FECAL MF	#/100ML	31616	50 J
FEC STREP MF	#/100ML	31679	420
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	~~650~~	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: J Dyer 12/17/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 682

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
.A C	24-01-0615	12-12-84	0915	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 in Oscar scherer ST. Park

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	—
WIND DIR	DEG	36	—
WIND VEL	MPH	35	0
TEMP WATER	°C	10	17.0
D.O.	MG/L	299	6.7
COND	µMHO/CM	94	1310
FIELD	STD	400	—
SALINITY	PPTH	480	1.0
pH LAB	STD	403	7.7
COND LAB	µMHO/CM	95	1236
TURBIDITY	NTU	76	8.5
COLOR	PtCo	80	65
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	100 J
FECAL MF	#/100ML	31616	40 J
FEC STREP MF	#/100ML	31679	740
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	~~650~~	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: J Gehm 12/17/84

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 66

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0588	1-30-85	0955	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 - at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	1000 J
WIND DIR	DEG	36	200
WIND VEL	MPH	35	10
TEMP WATER	°C	10	17.0
D.O.	MG/L	299	7.2
COND	µMHO/CM	94	35120
pH FIELD	STD	400	-
SALINITY	PPTH	480	22.0
pH LAB	STD	403	8.3
COND LAB	µMHO/CM	95	38453.
TURBIDITY	NTU	76	1.1
COLOR	PtCo	80	25
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	K 100
FECAL MF	#/100ML	31616	K 10
FEC STREP MF	#/100ML	31679	20 J
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	~~630~~	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: MAlowey
REPORT PREPARED BY: J Green 2/1/85

REPORT VERIFIED BY:

( ) 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; 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 dam in Osca & Scherer St. Park

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	—
WIND DIR	DEG	36	200
WIND VEL	MPH	35	10
TEMP WATER	°C	10	16.0
D.O.	MG/L	299	7.8
COND	µMHO/CM	94	1340
pH FIELD	STD	400	—
SALINITY	PPTH	480	1.0
pH LAB	STD	403	7.7
COND LAB	µMHO/CM	95	1348
TURBIDITY	NTU	76	6.8
COLOR	PtCo	80	60
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	K 100
FECAL MF	#/100ML	31616	70 J
FEC STREP MF	#/100ML	31679	K 10
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	~~630~~	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: J Gilpin 2/1/85

REPORT VERIFIED BY:

( )CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 117

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0588	2-19-85	0930	1.0

TIME B COMPOSITE SAMPLE: — — COMP; BEGIN; END

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

REMARKS QA NOTE: TKN Spike recovery average 112.4%
K = <
L = >
J = Estimated Count

LOCATION Stream Run #5
South Creek at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J
WIND DIR	DEG	36	30
WIND VEL	MPH	35	5
TEMP WATER	°C	10	18.5
D.O.	MG/L	299	8.8
COND	µMHO/CM	94	32180
H FIELD	STD	400	-
SALINITY	PPTH	480	20.0
pH LAB	STD	403	8.1
COND LAB	µMHO/CM	95	37961
TURBIDITY	NTU	76	1.3
COLOR	PtCo	80	30
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	K100
FECAL MF	#/100ML	31616	20 J
FEC STREP MF	#/100ML	31679	50 J
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.112 ~~0.405~~ B
P TOT	MG/L	665	0.143
NO2 N	MG/L	~~650~~	0.000
(NO_2+NO_3)-N	MG/L	630	0.038
NH_3 N	MG/L	608	0.041
ORGANIC N	MG/L	605	0.668
N KJEL (TKN)	MG/L	625	0.709
N TOT	MG/L	600	0.747
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: M Mowery
REPORT PREPARED BY: J Gurley 3/5/85

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 117

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0615	2-19-85	0915	1.0

TIME B COMPOSITE SAMPLE: COMP — BEGIN — END

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	NO_2 N	MG/L	630	0.000
TEMP WATER	°C	10	17.0	(NO_2+NO_3)-N	MG/L	630	0.000
D.O.	MG/L	299	6.8	NH_3 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	K/00				
FECAL MF	#/100ML	31616	50 J				
FEC STREP MF	#/100ML	31679	40 J	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: M Morgan

REPORT PREPARED BY: L Gilmore 3/5/85

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 282

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0588	4-15-85	0930	1.0

TIME B COMPOSITE SAMPLE — BEGIN — END — COMP

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

REMARKS RECOVERY TKN- 117.9%

K = <
L = >
J = Estimated Count

LOCATION Stream Run #5
South Creek at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	1000 J
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0
TEMP WATER	°C	10	25.0
D.O.	MG/L	299	5.2
COND	µMHO/CM	94	35000
H FIELD	STD	400	-
SALINITY	PPTH	480	23.5
pH LAB	STD	403	7.8
COND LAB	µMHO/CM	95	39813
TURBIDITY	NTU	76	1.8
COLOR	PtCo	80	30
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	100 K
FECAL MF	#/100ML	31616	40 J
FEC STREP MF	#/100ML	31679	1000 L
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.223
P TOT	MG/L	665	7.9.
NO_2 N	MG/L	615	0.000
(NO_2+NO_3)-N	MG/L	630	0.000
NH_3 N	MG/L	608	0.070
ORGANIC N	MG/L	605	0.827
N KJEL (TKN)	MG/L	625	0.897
N TOT	MG/L	600	0.897
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: J Guest 4/22/85

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 282

AGENCY	STATION	DATE
SARA C	24-01-0615	4-15-85

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: TKN- RECOVERY 117.9%
K =
L =
J = Estimated Count

LOCATION: Stream Run #5 South creek above dam in Oscar Scherer ST. Park

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	-
WIND DIR	DEG	36	-
WIND VEL	MPH	35	0
TEMP WATER	°C	10	23.0
D.O.	MG/L	299	***3.9
COND	µMHO/CM	94	1560
H FIELD	STD	400	-
SALINITY	PPTH	480	1.0
pH LAB	STD	403	7.8
COND LAB	µMHO/CM	95	1266
TURBIDITY	NTU	76	5.1
COLOR	PtCo	80	60
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	1000 K
FECAL MF	#/100ML	31616	130 J
FEC STREP MF	#/100ML	31679	690
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	0.172
P TOT	MG/L	665	0.280
NO_2 N	MG/L	615	0.000
(NO_2+NO_3)-N	MG/L	630	0.025
NH_3 N	MG/L	608	0.020
ORGANIC N	MG/L	605	0.977
N KJEL (TKN)	MG/L	625	0.997
N TOT	MG/L	600	1.022
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Dorsey
REPORT PREPARED BY: J Gehm 4/22/85
REPORT VERIFIED BY:
( ) CHANGE DATE SUBMITTED

[illegible] COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 322

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
ARA C	24-01-0588	5-1-85	0815	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 at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	1000 J
WIND DIR	DEG	36	45
WIND VEL	MPH	35	3
TEMP WATER	°C	10	25.0
D.O.	MG/L	299	~~***~~ 4.5
COND	µMHO/CM	94	35000
H FIELD	STD	400	—
SALINITY	PPTH	480	22.5
pH LAB	STD	403	8.0
COND LAB	µMHO/CM	95	40377
TURBIDITY	NTU	76	1.5
COLOR	PtCo	80	25
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	100 K
FECAL MF	#/100ML	31616	10 K
FEC STREP MF	#/100ML	31679	1800 J
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	~~630~~	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Mowery
REPORT PREPARED BY: [signature] 5/6/85

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 322

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
ARA C	24-01-0615	5-1-85	0800	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 in Oscar Scherer St. Park

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	–
WIND DIR	DEG	36	45
WIND VEL	MPH	35	3
TEMP WATER	°C	10	22.5
D.O.	MG/L	299	~~****~~ 2.6
COND	µMHO/CM	94	1580
H FIELD	STD	400	–
SALINITY	PPTH	480	0.5
pH LAB	STD	403	7.6
COND LAB	µMHO/CM	95	1423
TURBIDITY	NTU	76	5.6
COLOR	PtCo	80	60
D.O. LAB	MG/L	300	
BOD	MG/L	310	
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		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	~~630~~	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney

REPORT PREPARED BY: J Green 5/6/85

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 358

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0588	5-22-85	0850	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 Rw #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	NO_2 N	MG/L	615	
TEMP WATER	°C	10	29.0	(NO_2+NO_3)-N	MG/L	630	
D.O.	MG/L	299	**** 2.8	NH_3 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-Filterable (TSFS)			
COLI MF	#/100ML	31501	100 K				
FECAL MF	#/100ML	31616	10 K				
FEC STREP MF	#/100ML	31679	1800 J	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: Moloney

REPORT PREPARED BY: J Guch 5/24/85

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 358

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0615	5-22-85	0830	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 Rm #5 South creek above dam IN Oscar Scherer ST. Park

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	~~30~~	~~TOTAL~~ DISS	MG/L	671	
WIND DIR	DEG	36	—	P TOT	MG/L	665	
WIND VEL	MPH	35	0	NO_2 N	MG/L	615	
TEMP WATER	°C	10	26.0	(NO_2+NO_3)-N	MG/L	630	
D.O.	MG/L	299	~~****~~ 2.2	NH_3 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	~~7.7~~ 7.6	FLUORIDES DISSOLVED	MG/L	950	
COND LAB	µMHO/CM	95	~~47490~~ 3558				
TURBIDITY	NTU	76	~~24~~ 3.0	Residue Non-Filter (TSS)	MG/L	530	
COLOR	PtCo	80	~~75~~ 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	200 J				
FECAL MF	#/100ML	31616	110 J				
FEC STREP MF	#/100ML	31679	400 J	Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: Mahoney
REPORT PREPARED BY: J Guth 5/24/85

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 389

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0588	7-22-85	0920	1.0
			TIME B COMPOSITE SAMPLE	
			COMP — BEGIN	
			COMP — 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
TIDE DIR	STD	67	3000 J
WIND DIR	DEG	36	—
WIND VEL	MPH	35	0
TEMP WATER	°C	10	27.0
D.O.	MG/L	299	3.9
COND	µMHO/CM	94	37500
pH FIELD	STD	400	—
SALINITY	PPTH	480	32.0
pH LAB	STD	403	7.8
COND LAB	µMHO/CM	95	42315
TURBIDITY	NTU	76	2.0
COLOR	PtCo	80	30
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	1000 K
FECAL MF	#/100ML	31616	300 J
FC STREP MF	#/100ML	31679	
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: J. Gutro 7/24/85

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 301

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0615	7-22-85	0900	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	NO_2 N	MG/L	615	
TEMP WATER	°C	10	26.0	(NO_2+NO_3)-N	MG/L	630	
D.O.	MG/L	299	***4.0	NH_3 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 (TVSS)	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	800J				
FEC STREP MF	#/100ML	31679		Residue Filterable (TDS)	MG/L	70300	
CHLORINE RESIDUE	MG/L			AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: [illegible] 7/24/85

REPORT VERIFIED BY:

( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 490

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0588	9-3-85	0940	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 at US 41 Bridge

PARAMETER	UNIT	CODE	VALUE
TIDE DIR	STD	67	3000 J
WIND DIR	DEG	36	–
WIND VEL	MPH	35	0
TEMP WATER	°C	10	27.5
D.O.	MG/L	299	3.7
COND	µMHO/CM	94	10850
pH FIELD	STD	400	–
SALINITY	PPTH	480	6.5
pH LAB	STD	403	7.4
COND LAB	µMHO/CM	95	12695
TURBIDITY	NTU	76	2.7
COLOR	PtCo	80	240
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	100 K
FECAL MF	#/100ML	31616	10 K
FEC STREP MF	#/100ML	31679	2600
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

SAMPLE TAKEN BY: Maloney
REPORT PREPARED BY: [signature] 9/5/85

REPORT VERIFIED BY:
( ) CHANGE DATE SUBMITTED

SARASOTA COUNTY
ENVIRONMENTAL SERVICES LABORATORY

WATER QUALITY REPORT FORM Lab # 490

AGENCY	STATION	DATE	TIME A - GRAB SAMPLE	DEPTH
SARA C	24-01-0615	9-3-85	0925	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
TIDE DIR	STD	67	—
WIND DIR	DEG	36	—
WIND VEL	MPH	35	0
TEMP WATER	°C	10	28.0
D.O.	MG/L	299	**** 3.8
COND	µMHO/CM	94	610
I FIELD	STD	400	-
SALINITY	PPTH	480	0.0
pH LAB	STD	403	7.3
COND LAB	µMHO/CM	95	717
TURBIDITY	NTU	76	2.7
COLOR	PtCo	80	280
D.O. LAB	MG/L	300	
BOD	MG/L	310	
COD	MG/L	340	
Transparency (Secchi)	Meters	00078	
COLI MF	#/100ML	31501	1000 K
FECAL MF	#/100ML	31616	200 J
FEC STREP MF	#/100ML	31679	2800
CHLORINE RESIDUE	MG/L		

PARAMETER	UNIT	CODE	VALUE
P ORTHO DISS	MG/L	671	
P TOT	MG/L	665	
NO_2 N	MG/L	615	
(NO_2+NO_3)-N	MG/L	630	
NH_3 N	MG/L	608	
ORGANIC N	MG/L	605	
N KJEL (TKN)	MG/L	625	
N TOT	MG/L	600	
FLUORIDES DISSOLVED	MG/L	950	
Residue Non-Filter (TSS)	MG/L	530	
Residue Volatile Non-Filterable (TSVS)	MG/L	535	
Residue, Fixed Non-Filterable (TSFS)			
Residue Filterable (TDS)	MG/L	70300	
AGENCY	STD	27	

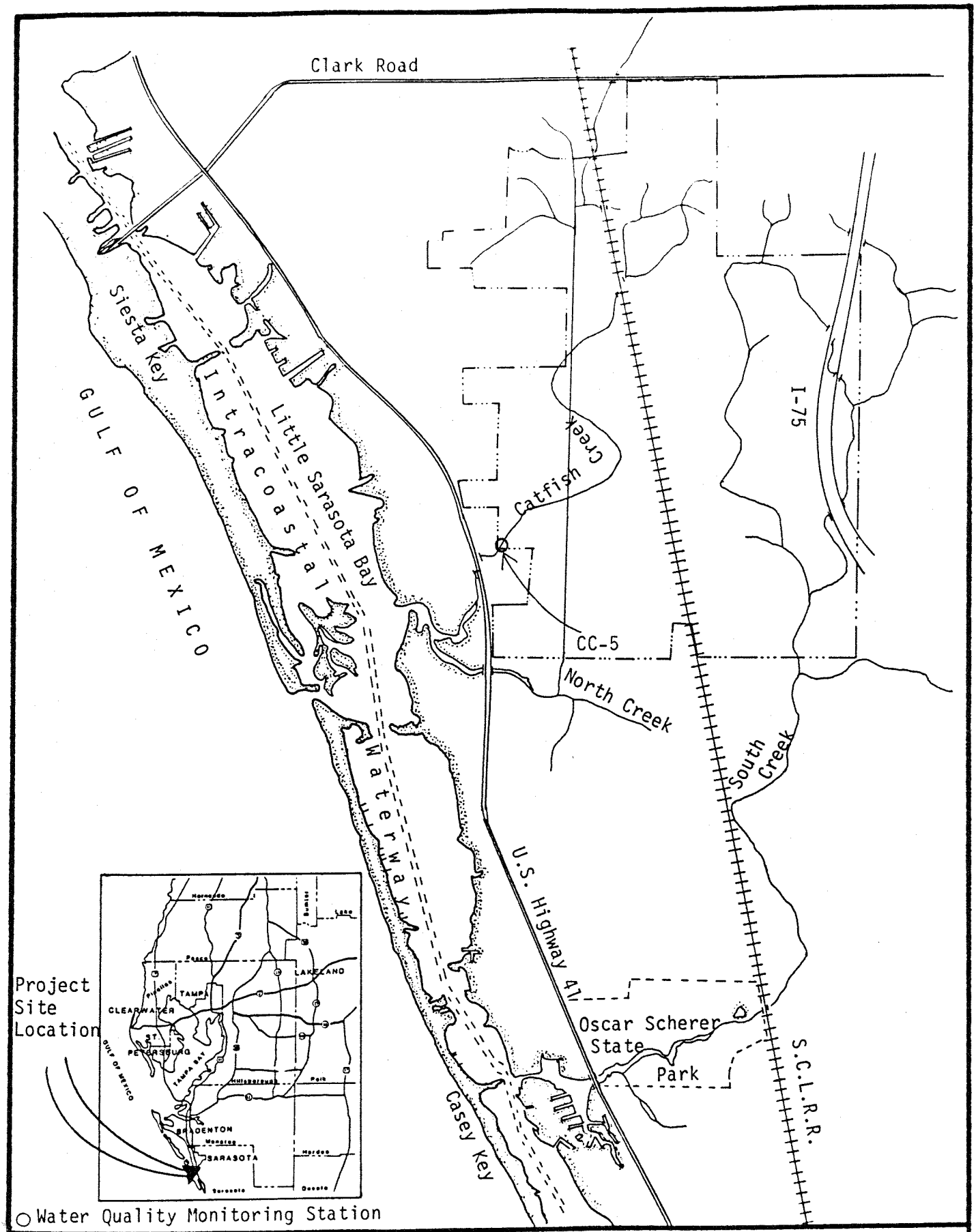
SAMPLE TAKEN BY: MAlowey
REPORT PREPARED BY: JGuest 9/5/85

REPORT VERIFIED BY:

( ) CHANGE 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

N

Conservation Consultants Inc.

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

LABORATORY I.D. NO. 0380-502/329/0C1085

REPORT TO: Palmer Venture
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

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.

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

LABORATORY I.D. NO. 0380-502/329/UC1085

REPORT TO: Palmer Venture
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

RESULTS OF ANALYSIS	CC4	CC5	EL1	NC6
Conducitivity (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 (^{o}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:

[a]Data 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
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

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:

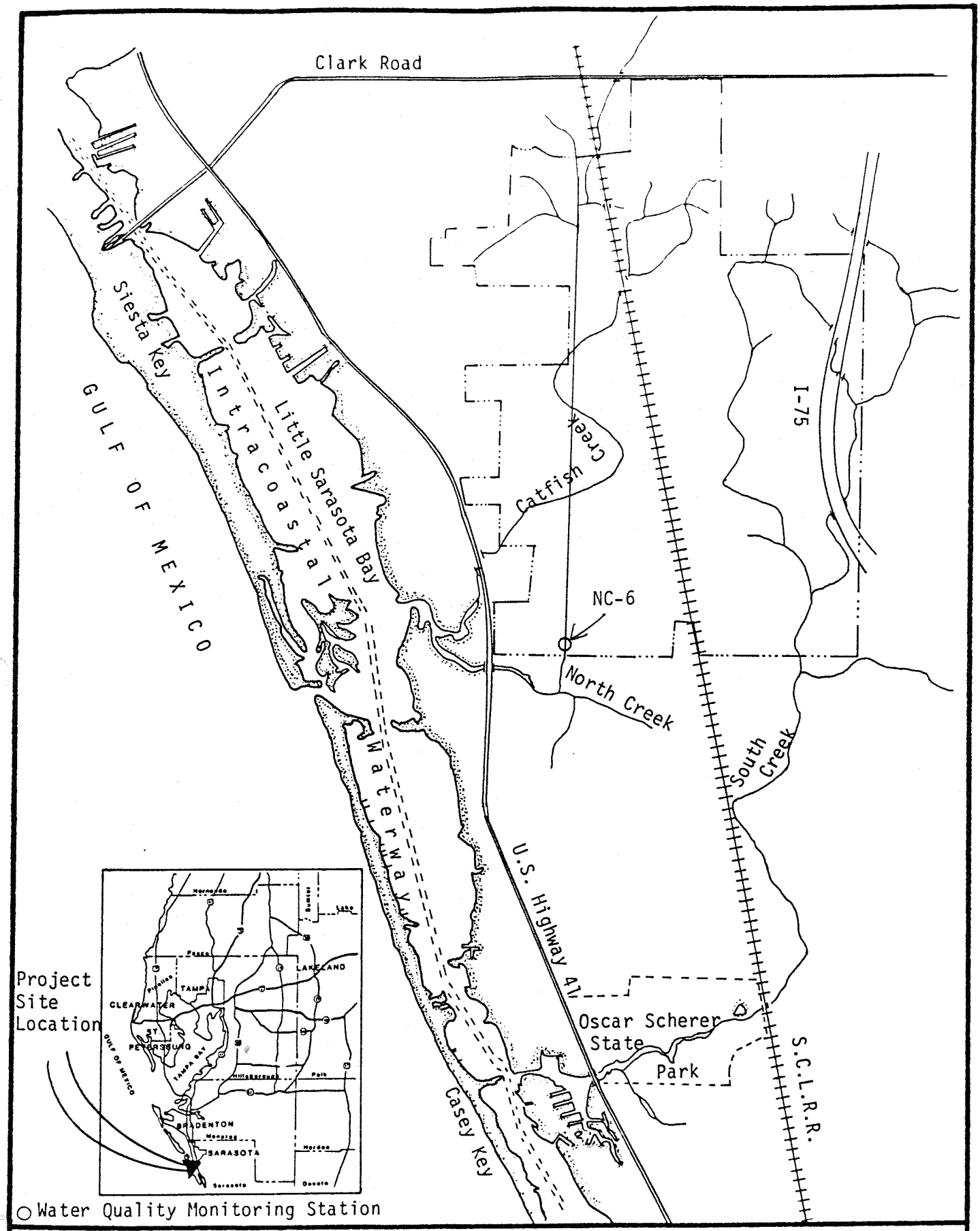
Dorothy Morse

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

N

Conservation Consultants Inc.

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

LABORATORY I.D. NO. 0380-502/329/0C1085

REPORT TO: Palmer Venture
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

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.

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

LABORATORY I.D. NO. 0380-502/329/UC1085

REPORT TO: Palmer Venture
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

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 (^{o}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:

[a]Data 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
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

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:

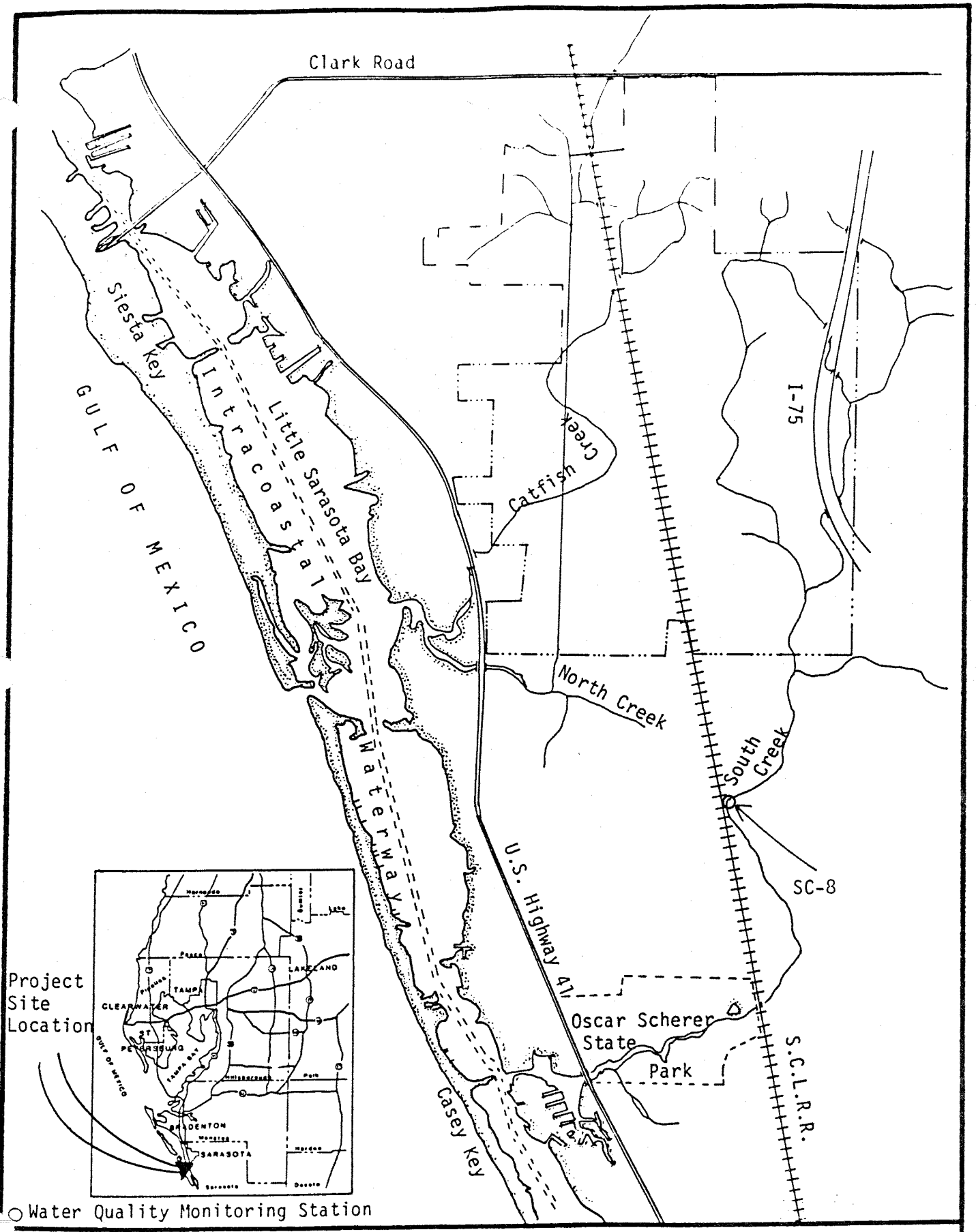
Dorothy Morse

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 O

Results of
Surface Water Quality Monitoring
in South Creek
(Conservation Consultants, Inc., 1985)
During September, 1985



SAMPLING SITE LOCATION IN SOUTH CREEK

Station SC-8

Conservation Consultants Inc.

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

LABORATORY I.D. NO. 0380-502/329/0C1085

REPORT TO: Palmer Venture
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

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:

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. 0380-502/329/0C1085

REPORT TO: Palmer Venture
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

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 (^{o}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

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

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Dorothy Morse
Supervisor/Chemist/Biologist

[a]Data Report on File.

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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.

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

Respectfully submitted by:

Dorothy Morse

Supervisor/Chemist/Biologist

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