

208 WATER QUALITY STUDY

Appendices

By:

J.B.Morrill

C.B.Morrill

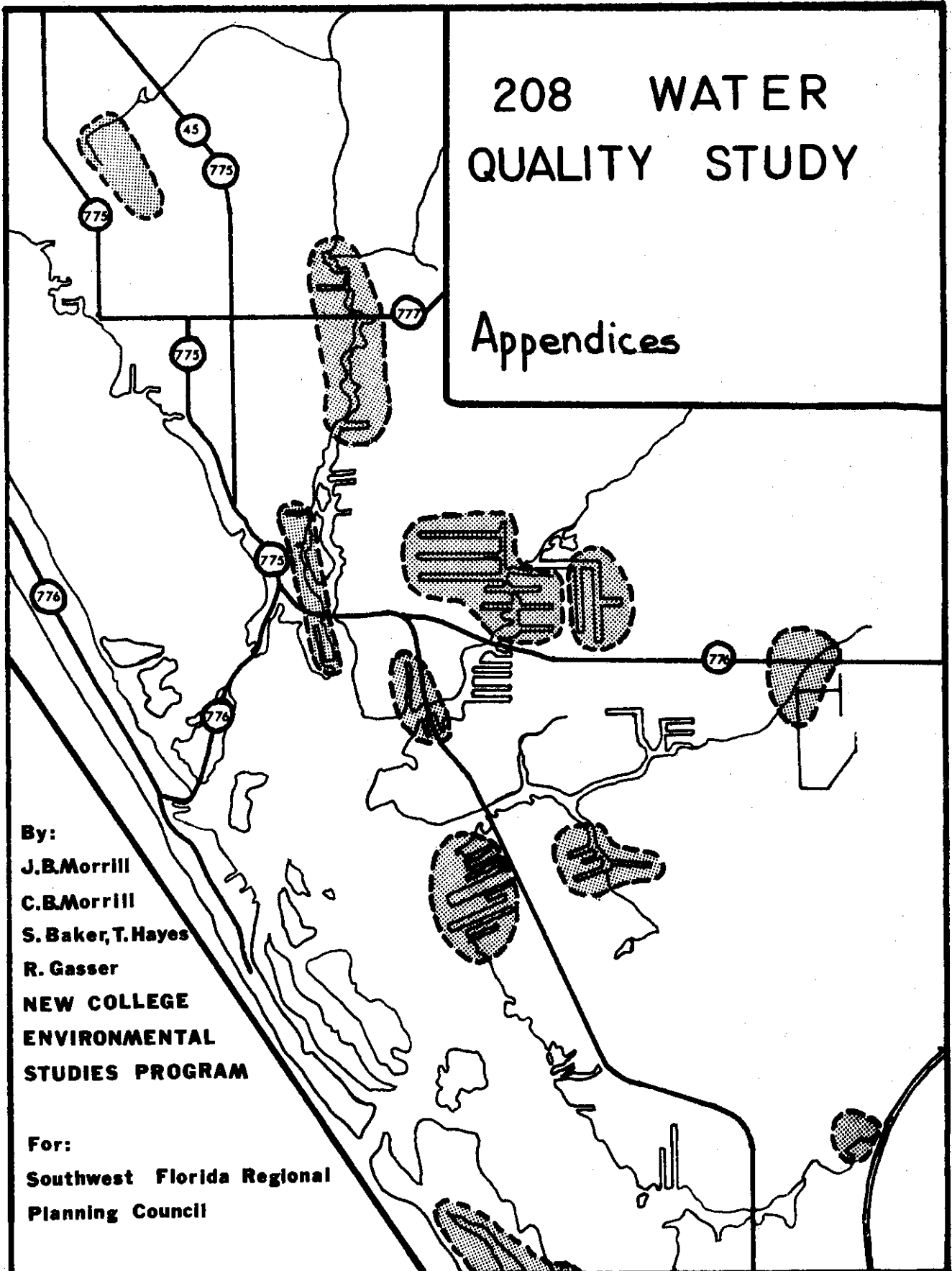
S. Baker, T. Hayes

R. Gasser

**NEW COLLEGE
ENVIRONMENTAL
STUDIES PROGRAM**

For:

**Southwest Florida Regional
Planning Council**



APPENDIX ALemon Bay Case Study Work ScopeI. PERFORM A CASE STUDY OF THE WATER QUALITY AND POTENTIAL SEPTIC TANK IMPACT IN LEMON BAY, CHARLOTTE-SARASOTA COUNTIES, FLORIDA.

This study shall consist of the steps outlined in the following sections.

- A. Collection of background data. The data collected will serve as a basis for the study, supplying information for the design of a septic tank tracer study and a water quality sampling program. The data will also provide the information needed to predict future water quality based on current trends.

Background data will be collected and shall include, but not be limited to, the following:

1. Information on the physiography and soils and hydrology of the creek drainage basins and lands adjoining Lemon Bay.
2. Detailed land use data for the Lemon Bay area.
3. Detailed land use projection for the Lemon Bay area.
4. Information regarding future point source locations and discharges.
5. An historical review of the physical, chemical, and biological information on Lemon Bay and the occurrences of algal blooms, and other short-term perturbations.
6. Information on the storm water drainage systems within the study area. The drainage systems will be identified and inventoried, discharge points and water control structures will be located, and the physical characteristics of the drainage systems will be described.

- B. Tide and Wind Circulation Pattern Study. This study will include the following:

1. Collection and analysis of available wind data for the Lemon Bay area.
2. Performance of a tidal study using drift bottles, current drogues and current meter recordings at Stump Pass during several tidal cycles.
3. Performance of a tidal and current study using drift bottles and current drogues in Lemon Bay, near Forkes Creek, to verify possible tidal node. Currents will be tracked for two consecutive tide cycles.
4. Performance of a tidal and current study using drift bottles and current drogues at the upper tidal portions of Buck Creek, Oyster Creek, Ainger Creek and Godfrey Creek over two consecutive tidal cycles to define discharge patterns of the creeks.

- C. Shoreline Survey of Lemon Bay. A shoreline study will be conducted to map conspicuous septic leaching fields and other non-point sources of pollutants entering the bay system in the inter-tidal zones.

Seepage zones containing high level of nitrogen pollutants (septic tanks) will be evidenced by localized excessive growths of green and blue-green algae. These zones will be observed and mapped.

1. A study will be conducted to map conspicuous septic tank leaching fields and other non-point sources of pollutants entering tidal creeks draining into Lemon Bay. Conspicuous limestone outcroppings indicating possible underground channels will also be analyzed and mapped.

D. Septic Tank Tracer Study. Using the data collected in Sections A, B, and C, a septic tank tracer study will be designed and performed. The tracer study will involve the following:

1. Review of background data to select tracer sites.
2. Immediately before tracer dye injection, receiving waters of the Bay and creeks will be monitored for two days to obtain background levels of fluorescent materials.
3. Introduce tracer dye into suspect septic tank field and monitor nearby receiving water body for presence of tracer dye.
4. Calculate potential amounts of nutrients and bacteria currently entering the bay system via shoreline seepage.

E. Water Quality Sampling Program. A water quality sampling program will be performed for Lemon Bay during the dry season (March-April). This sampling program will incorporate the following elements:

1. Sampling stations will be as follows:
 - a. One station in the Gulf of Mexico, off Stump Pass
 - b. One station at Stump Pass
 - c. Five Lemon Bay Stations
 - d. Four creek stations (major creeks entering Lemon Bay) in section of creek influenced by tides
 - e. Four creek stations above tidal influences and urban areas

Approximate locations of these stations are shown on figure 1. Exact location of the sampling stations will be determined after review of background data and on-site survey.

2. Water quality samples will be taken at each station two times during an ebb tide and two times during a flood tide during two consecutive tidal cycles. Sampling will occur after a period of low or no rainfall.
3. Each station will collect water quality and flow data. Method of lab analysis for each parameter will be in accordance with EPA established guidelines for test procedures for analysis of pollutants (40CFR pt. 136). The parameters to be analyzed for at each station will include:

pH
Dissolved oxygen
Color
Turbidity
Total solids
Suspended solids
Fecal coliform
Total coliform
Fecal streptococci

Total phosphate
 Dissolved orthophosphate
 $\text{NO}_2\text{-NO}_3$ as N
 NH_3 as N
 Total nitrogen
 Total organic carbon
 BOD_5
 Phytoplankton (quantity and species diversity)

4. A water quality sampling program will be performed for the Lemon Bay work program during the wet season. This sampling program will consist of the following sampling stations:
 - a. Buck Creek
 - b. Oyster Creek
 - c. Ainger Creek
 - d. Godfrey Creek
5. Water quality samples at the stations listed above will be taken four (4) times over two consecutive days in July 1977.
6. Constituent Analysis for the above listed stations will be:

Dissolved Oxygen
 Biological Oxygen Demand (5 day)
 Chemical Oxygen Demand
 Turbidity
 Fecal Coliform
 Fecal Streptococci
 Temperature

F. Analysis of Results. Using the data collected in all sections above, an analysis of the pollutant loading and relative contribution of pollutants to Lemon Bay via septic tank seepage will be made. This analysis will include, but not be limited to:

1. A pollutant mass balance equation for nutrients and other pollutants in Lemon Bay
2. A projection of water quality for future land uses and point sources.
3. A design of preliminary structural and non-structural methods for controlling pollution from septic tank seepage (i.e., ordinances, regulations, 201, etc.)

I. OUTPUTS

The outputs of this case study will include: a technical report, an executive summary, and a management or homeowner's guide for septic tanks. The technical report will include definitions of dry season pollutant budgets of Lemon Bay and the assessment of the inter-flow of waste substances from septic tank sources.

- A. On or before September 1, 1977, the consultant will deliver the following for the purpose of review:
 - 1. 25 copies of the Technical Report
 - 2. 50 copies of the Executive Summary
 - 3. 100 copies of the Homeowner/Management Guide
 - B. Verbal progress reports shall be made bi-monthly by the consultant for the purpose of project review.
 - C. On or before February 1, 1977, the Consultant will deliver a written progress report for the purpose of review. This report will contain a description of work completed to date, a preliminary analysis of results collected to date, a description of expected progress and a discussion of any problems that have restricted progress thus far.
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III. PERSONNEL

Personnel responsible for the completion of this case study will be as follows:

1. Senior Personnel:

Dr. John B. Morrill, Professor of Biology,
Coordinator, Environmental Studies Program,
New College - University of Southern Florida, Sarasota
(1/9 academic year salary 100% time; and 10% time for 9 months)

2. Other Personnel:

a. Research Technician, Raymond Gasser
(100% time, 10 months)

b. Prebaccalaureate Students:

Field Research Assistant
(total of 10 weeks)

ATTACHMENT BSchedule of Payments

On October 27, 1976, the University of South Florida will be paid \$9,645.00.

On February 16, 1977, the University of South Florida will be paid \$4,823.00 upon approval of the February 1, 1977, status report by the Executive Director of the Southwest Florida Regional Planning Council.

On August 15, 1977, the University of South Florida will be paid \$5,036.00 upon approval of the work in progress by the Executive Director of the Southwest Florida Regional Planning Council.

On September 14, 1977, the University of South Florida will be paid \$4,822.00 upon approval of all outputs listed in Section II by the Executive Director of the Southwest Florida Regional Planning Council.

APPENDIX B

STORET FORM---WATER QUALITY DATA

LEMON BAY COMPLEX

MARCH 25 - 26, 1977

TABLE

LOCATION OF STATIONS FOR LEMON BAY COMPLEX DRY SEASON

WATER QUALITY STUDY. MARCH 26 - 27, 1977.

LEMON BAY -

- LB-1 - Intracoastal Waterway marker 33
- LB-2 - Intracoastal Waterway marker 28
- LB-3 - Intracoastal Waterway marker 23
- LB-4 - $\frac{1}{4}$ mile southwest of Intracoastal Waterway marker 18, at the east end of the north channel of Stump Pass
- LB-5 - Intracoastal Waterway marker 9
- LB-6 - Stump Pass, 100 yards east of the Gulf of Mexico

BUCK CREEK -

- BC-1 - State Road 775 bridge
- BC-2 - 100 yards downstream from the Rotunda wier
- BC-3 - Just upstream from the Rotunda wier

OYSTER CREEK -

- OC-1 - State Road 775 bridge
- OC-2 - Brookwood Drive
- OC-3 - San Casa Road bridge

AINGER CREEK -

- AC-1 - State Road 775 Bridge
- AC-2 - State Road 776 bridge
- AC-3 - Seahorse Lane

GOTTFRIED CREEK -

- GC-1 - State Road 775 bridge
- GC-2 - State Road 777 bridge
- GC-3 - Between Sarasota Sections 19 and 30, just downstream from culverts

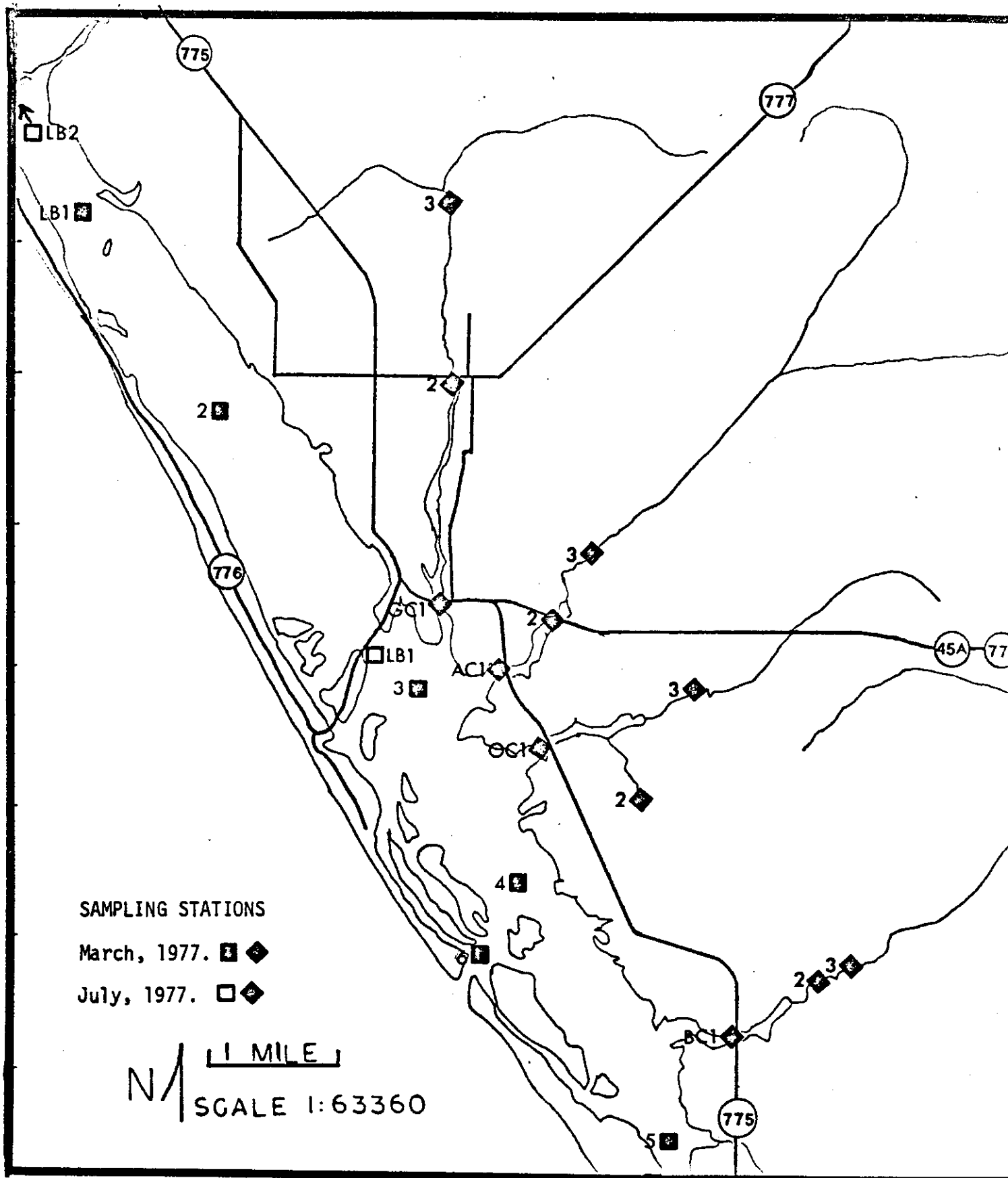
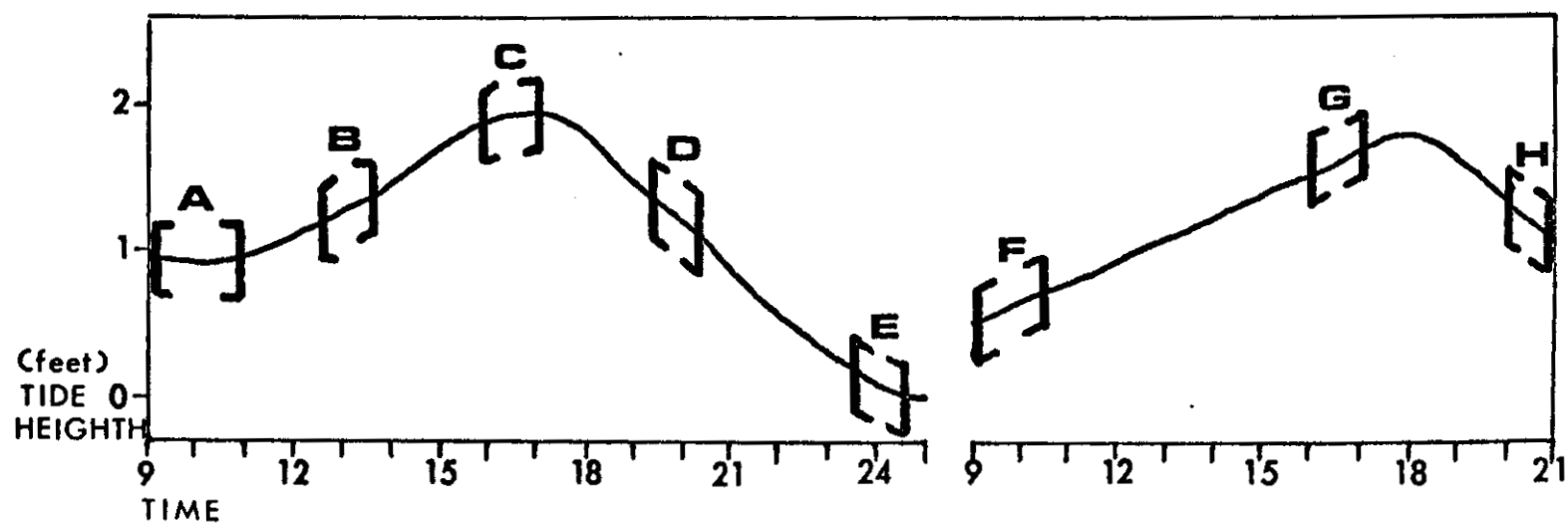


Figure Locations of water sampling stations for Lemon Bay '208' Study, 1977. LB, Lemon Bay; GC, Gottfried Creek; AC, Ainger Creek; OC, Oyster Creek; BC, Buck Creek.

Figure Water quality sampling times in relation to tidal cycle and heighth.



DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

TIME A - GRAB SAMPLE

1150

AGENCY BSWFRC	STATION LB-1	DATE 26 Mar 77	TIME B COMPOSITE SAMPLE	DEPTH 1 FT
			COMP	END

REMARKS

LOCATION

Lemon Bay, Intracoastal
Waterway Marker 33

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.2	CURRENT SPEED	M/SEC	70225	
I.O.	MG/L	299	8.3	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	115	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	3.7	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.2	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	4.3	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	18	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	43,000	WIND VELOCITY	MPH	35	8
SALINITY PPT	PPTH	480	35.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	36,462	FECAL COLI MF	#/100ML	31616	10
ORTHO DISS	MG/L	671	.009	FECAL STREP MF	#/100ML	31679	10
P TOT	MG/L	665	.016	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.013				
N KJEL	MG/L	625	1.04				
ORGANIC	MG/L	605	1.04				
NH3-N DISS	MG/L	608	LT .001				
ORG (TOC)	MG/L	680	13				

SAMPLE TAKEN BY: Levy/Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

AGENCY BSWFRC	STATION LB-2	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1125	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay - Intracoastal Waterway Marker 28			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	20.1	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	109	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	3.4	TIDE FLOW	FT/SEC	900044	
SH LAG	STD UNIT	403	8.2	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	6.5	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	17	WIND DIRECTION	DEG COMP	36	135
COND	UMHO/CM	95	44,000	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	36.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	20
RES TOT	MG/L	500	38,518	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	.005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.010	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT. .005				
NO3-N DISS	MG/L	618	.011				
N KJEL	MG/L	625	1.05				
ORGANIC	MG/L	605	1.05				
NH3-N DISS	MG/L	608	LT. .001				
C ORG (TOC)	MG/L	680	23				
SAMPLE TAKEN BY: Levy/Evans				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

AGENCY BSWFRC	STATION LB-3	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1100	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay - Intracoastal Waterway Marker 23			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	19.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	103	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	1.6	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	4.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	9	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	45,000	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	36.9				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	39.138	FECAL COLI MF	#/100ML	31616	0
CRTHO DISS	MG/L	671	LT. .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	LT. .005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT. .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	0.61				
ORGANIC	MG/L	605	0.61				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	9.5				
SAMPLE TAKEN BY:				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

AGENCY BSWFR	STATION LB-4	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1045	DEPTH 1. FT
			TIME B COMPOSITE SAMPLE	
			COMP END	

REMARKS

LOCATION

Lemon Bay - Northeast End of
Stump Pass

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	18.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	104	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	1.3	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	4.2	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	5	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	46,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	37.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	39,246	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	LT .005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	0.80				
ORGANIC	MG/L	605	0.80				
NH3-N DISS	MG/L	608	LT .001				
ORG (TOC)	MG/L	680	7				

SAMPLE TAKEN BY: Levy/Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

TIME A - GRAB SAMPLE

1030

AGENCY
BSWFRCSTATION
LB-5DATE
26 Mar 77

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH
1 FT

REMARKS

LOCATION

Lemon Bay - Intracoastal Waterway
Marker 9

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	20.2	CURRENT SPEED	M/SEC	70225	
P.O.	MG/L	299	7.5	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	103	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	2.5	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.2	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	5.1	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	8	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	46,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	37.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	39.382	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT. .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.008	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT. .005				
NO3-N DISS	MG/L	618	.011				
N KJEL	MG/L	625	0.56				
ORGANIC	MG/L	605	0.56				
NH3-N DISS	MG/L	608	LT. .001				
C ORG (TOC)	MG/L	680	12				

SAMPLE TAKEN BY: Levy/Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

AGENCY BSWFR	STATION LB-6	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1000	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS

LOCATION

Lemon Bay - West End of
Stump Pass

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	18.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	107	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	1.6	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.9	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	6	WIND DIRECTION	DEG COMP	36	25
COND	uMHO/CM	95	46,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	37.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	39,398	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT. .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.010	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT. .005				
NO3-N DISS	MG/L	618	.006				
N KJEL	MG/L	625	0.76				
ORGANIC	MG/L	605	0.76				
NH3-N DISS	MG/L	608	LT. .001				
C ORG (TOC)	MG/L	680	9				

SAMPLE TAKEN BY: Levy/Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

AGENCY BSWFRC	STATION GC-1	DATE 26 Mar 77	TIME A - GRAB SAMPLE 0845	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP GEOIN END	

REMARKS				LOCATION Godfrey Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	20.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	4.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	56	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	2.2	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	17	WIND DIRECTION	DEG COMP	36	0
COND	uMHO/CM	95	42,800	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	35.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	36,574	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	.013	FECAL STREP MF	#/100ML	31679	10
P TOT	MG/L	665	.025	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT. .005				
NO3-N DISS	MG/L	618	.013				
N KJEL	MG/L	625	1.11				
ORGANIC	MG/L	605	1.06				
NH3-N DISS	MG/L	608	.048				
C ORG (TOC)	MG/L	680	14				
SAMPLE TAKEN BY: R. Evans				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

TIME A - GRAB SAMPLE

0915

TIME B - COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH

1 FT

AGENCY

BSWFRC

STATION

GC-2

DATE

26 Mar 77

REMARKS

LOCATION

Godfrey Creek at SR 777

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	4.5	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	61	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	3.2	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.6	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	39	WIND DIRECTION	DEG COMP	36	0
COND	UMHO/CM	95	37,000	WIND VELOCITY	MPH	35	10
SALINITY PPT	PPTH	480	30.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	80
RES TOT	MG/L	500	29,940	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	.050	FECAL STREP MF	#/100ML	31679	30
P TOT	MG/L	665	.106	ALGAE TOTAL	CELLS/ML	60050	
.02-N DISS	MG/L	613	LT .005				
.03-N DISS	MG/L	618	.006				
N KJEL	MG/L	625	1.91				
ORGANIC	MG/L	605	1.80				
NH3-N DISS	MG/L	608	.109				
ORG (TOC)	MG/L	680	17				

SAMPLE TAKEN BY: R. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

AGENCY BSWFRC	STATION GC-3	DATE 26 Mar 77	TIME A - GRAB SAMPLE 0935	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION			
				Godfrey Creek Between Sarasota Sections 19 and 30, Just Downstream From Culverts			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	19.9	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.3	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	58	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	0.7	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	0.8	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	75	WIND DIRECTION	DEG COMP	36	0
COND	uMHO/CM	95	1,880	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	1.2				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	440
RES TOT	MG/L	500	1,324	FECAL COLI MF	#/100ML	31616	160
ORTHO DISS	MG/L	671	.102	FECAL STREP MF	#/100ML	31679	540
P TOT	MG/L	665	.125	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	1.38				
ORGANIC	MG/L	605	1.36				
NH3-N DISS	MG/L	608	.018				
ORG (TOC)	MG/L	680	27.5				
SAMPLE TAKEN BY: R. Evans				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

AGENCY BSWFRC	STATION AC-1	DATE 26 Mar 77	TIME A - GRAB SAMPLE 0940	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEDIN END	

REMARKS				LOCATION Ainger Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	20.0	CURRENT SPEED	M/SEC	70225	
.O.	MG/L	299	4.6	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	62	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.8	TIDE FLOW	FT/SEC	900044	
H LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.9	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	16	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	42,000	WIND VELOCITY	MPH	35	18
SALINITY PPT	PPTH	480	34.4				
1 (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	37,904	FECAL COLI MF	#/100ML	31616	30
ORTHO DISS	MG/L	671	.008	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.022	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.011				
N KJEL	MG/L	625	0.90				
ORGANIC	MG/L	605	0.85				
NH3-N DISS	MG/L	608	.049				
C ORG (TOC)	MG/L	680	15.5				
SAMPLE TAKEN BY: Harvey				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

AGENCY BSWFRC	STATION AC-2	DATE 26 Mar 77	TIME A - GRAB SAMPLE 0920	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Ainger Creek at SR 776			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	4.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	56	TIDE DIRECTION	CODE	900043	2
3.O.D.	MG/L	310	1.5	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.0	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	19	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	43,000	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	35.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	100
RES TOT	MG/L	500	36,108	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	.010	FECAL STREP MF	#/100ML	31679	40
P TOT	MG/L	665	.020	ALGAE TOTAL	CELLS/ML	60050	
102-N DISS	MG/L	613	.005				
103-N DISS	MG/L	618	.013				
N KJEL	MG/L	625	1.25				
ORGANIC	MG/L	605	1.18				
NH3-N DISS	MG/L	608	.068				
ORG (TOC)	MG/L	680	14.5				
SAMPLE TAKEN BY: Harvey				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

TIME A - GRAB SAMPLE

0900

AGENCY BSWFRC	STATION AC-3	DATE 26 Mar 77	TIME & COMPOSITE SAMPLE	DEPTH 1 FT
			COMP	BEGIN END

REMARKS

LOCATION

Ainger Creek at Seahorse Lane

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.5	CURRENT SPEED	M/SEC	70225	
I.O.	MG/L	299	5.6	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	75	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	3.2	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.9	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	30	WIND DIRECTION	DEG COMP	36	115
COND	uMHO/CM	95	36,000	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	29.5				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	40
RES TOT	MG/L	500	29,332	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	.006	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.012	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.013				
N KJEL	MG/L	625	1.65				
I ORGANIC	MG/L	605	1.63				
NH3-N DISS	MG/L	608	.024				
ORG (TOC)	MG/L	680	17.5				
SAMPLE TAKEN BY: Harvey				REPORT VERIFIED BY:			
REPORT PREPARED BY:				DR. JOHN B. MORRILL			
RAYMOND D. GASSER				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN AAGENCY
BSWFRCSTATION
OC-1DATE
26 Mar 77

TIME A - GRAB SAMPLE

0955

TIME B - COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH
1 FT

REMARKS

LOCATION

Oyster Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	20.4	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.5	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	75	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.8	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	16	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	43,000	WIND VELOCITY	MPH	35	12
SALINITY PPT	PPTH	480	35.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	40
RES TOT	MG/L	500	37,624	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	10
P TOT	MG/L	665	.027	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	.005				
NO3-N DISS	MG/L	618	.006				
N KJEL	MG/L	625	.72				
I ORGANIC	MG/L	605	.68				
NH3-N DISS	MG/L	608	.036				
C ORG (TOC)	MG/L	680	12.5				

SAMPLE TAKEN BY: Baker

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

AGENCY 8SWFRC	STATION OC-2	DATE 26 Mar 77	TIME A - GRAB SAMPLE 0940	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS

LOCATION

Oyster Creek at Brookwood Drive

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.8	CURRENT SPEED	M/SEC	70225	
T.O.	MG/L	299	4.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	55	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	4.0	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.8	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	37	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	42,000	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	34.4				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	180
RES TOT	MG/L	500	35,858	FECAL COLI MF	#/100ML	31616	140
ORTHO DISS	MG/L	671	.012	FECAL STREP MF	#/100ML	31679	140
P TOT	MG/L	665	.056	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.013				
N KJEL	MG/L	625	1.47				
ORGANIC	MG/L	605	1.43				
NH3-N DISS	MG/L	608	.042				
C ORG (TOC)	MG/L	680	16				

SAMPLE TAKEN BY: Baker

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN AAGENCY
8SWFRCSTATION
OC-3DATE
26 Mar 77

TIME A - GRAB SAMPLE

0900

TIME B - COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH
1 FT

REMARKS

LOCATION

Oyster Creek at San Casa Road

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	2.5	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	35	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	2.5	TIDE FLOW	FT/SEC	900044	
pH LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	4.0	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	36	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	42,000	WIND VELOCITY	MPH	35	10
SALINITY PPT	PPTH	480	34.4				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	100
RES TOT	MG/L	500	35,588	FECAL COLI MF	#/100ML	31616	0
P ORTHO DISS	MG/L	671	.011	FECAL STREP MF	#/100ML	31679	70
P TOT	MG/L	665	.032	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.013				
N KJEL	MG/L	625	1.68				
N ORGANIC	MG/L	605	1.63				
NH3-N DISS	MG/L	608	.046				
C ORG (TOC)	MG/L	680	14				

SAMPLE TAKEN BY:

Baker

REPORT PREPARED BY:

RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

AGENCY BSWFRC	STATION BC-1	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1010	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Buck Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	19.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	4.8	CURRENT DIR	DEG COMP	70256	
D.O. SAT %	% SAT	301	64	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.4	TIDE FLOW	FT/SEC	900044	
pH LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.8	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	17	WIND DIRECTION	DEG COMP	36	45
COND	uMHO/CM	95	43,500	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	35.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	40
RES TOT	MG/L	500	39,222	FECAL COLI MF	#/100ML	31616	10
P ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	120
P TOT	MG/L	665	.007	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	.007				
NO3-N DISS	MG/L	618	.014				
N KJEL	MG/L	625	1.42				
N ORGANIC	MG/L	605	1.38				
NH3-N DISS	MG/L	608	.038				
C ORG (TOC)	MG/L	680	13				
SAMPLE TAKEN BY: Smolker				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

AGENCY BSWFRC	STATION BC-2	DATE 26 Mar 77	TIME A - GRAB SAMPLE 0935	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION			
				Buck Creek, 100 yards downstream from Rotunda Wier			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	23.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	60	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	0.9	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	65	WIND DIRECTION	DEG COMP	36	25
COND	uMHO/CM	95	1,700	WIND VELOCITY	MPH	35	12
SALINITY PPT	PPTH	480	1.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	1160
RES TOT	MG/L	500	1,130	FECAL COLI MF	#/100ML	31616	20
ORTHO DISS	MG/L	671	.006	FECAL STREP MF	#/100ML	31679	30
P TOT	MG/L	665	.0112	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	.010				
NO3-N DISS	MG/L	618	.009				
N KJEL	MG/L	625	1.77				
I ORGANIC	MG/L	605	1.68				
NH3-N DISS	MG/L	608	.088				
C ORG (TOC)	MG/L	680	18.5				
SAMPLE TAKEN BY: Smolker				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

AGENCY BSWFRC	STATION BC-3	DATE 26 Mar 77	TIME A - GRAB SAMPLE 0835	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Buck Creek, Just Upstream From Rotunda Wier			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	23.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.3	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	62	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.9	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.0	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	65	WIND DIRECTION	DEG COMP	36	25
COND	uMHO/CM	95	1,350	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	.9				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	1700
RES TOT	MG/L	500	890	FECAL COLI MF	#/100ML	31616	30
CRTHO DISS	MG/L	671	LT. .005	FECAL STREP MF	#/100ML	31679	30
P TOT	MG/L	665	.141	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT. .005				
NO3-N DISS	MG/L	618	.015				
N KJEL	MG/L	625	1.45				
I ORGANIC	MG/L	605	1.43				
NH3-N DISS	MG/L	608	.019				
C ORG (TOC)	MG/L	680	31				
SAMPLE TAKEN BY: Smolker				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

AGENCY 8SWFRC	STATION LB-1	DATE 26 Mar 77
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TIME A - GRAB SAMPLE 1415		DEPTH 1 FT
TIME B COMPOSITE SAMPLE		
COMP	BEGIN END	

REMARKS				LOCATION			
				Lemon Bay - Intracoastal Waterway Marker 33			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.4	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	120	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	4.3	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	3.2	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	4.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	19	WIND DIRECTION	DEG COMP	36	135
COND	UMHO/CM	95	46,000	WIND VELOCITY	MPH	35	8
SALINITY PPT	PPTH	480	37.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	38,082	FECAL COLI MF	#/100ML	31616	0
CRTHO DISS	MG/L	671	.012	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.014	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.008				
N KJEL	MG/L	625	.94				
ORGANIC	MG/L	605	.94				
NH3-N DISS	MG/L	608	LT .001				
ORG (TOC)	MG/L	680	14				

SAMPLE TAKEN BY: Levy/M. EvansREPORT PREPARED BY:
RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN BAGENCY
BSWFRCSTATION
LB-2DATE
26 Mar 77

TIME A - GRAB SAMPLE

1400

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH
1 FT

REMARKS

LOCATION

Lemon Bay - Intracoastal
Waterway Marker 28

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	122	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	3.0	TIDE FLOW	FT/SEC	900044	
pH LAB	STD UNIT	403	8.2	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	5.2	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	16	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	44,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	36.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	20
RES TOT	MG/L	500	36,798	FECAL COLI MF	#/100ML	31616	0
P ORTHO DISS	MG/L	671	.013	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.015	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT. .005				
NO3-N DISS	MG/L	618	.006				
N KJEL	MG/L	625	.57				
N ORGANIC	MG/L	605	.57				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	15				

SAMPLE TAKEN BY: Levy/M. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

AGENCY BSWFRC	STATION LB-3	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1340	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP END	

REMARKS				LOCATION			
				Lemon Bay - Intracoastal Waterway Marker 23			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	19.7	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	112	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	1.6	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.0	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	3	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	46,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	37.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	39,144	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.007	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.006				
N KJEL	MG/L	625	.70				
I ORGANIC	MG/L	605	.70				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY: Levy/M. EvansREPORT PREPARED BY:
RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN BAGENCY
BSWFRCSTATION
LB-4DATE
26 Mar 77

TIME A - GRAB SAMPLE

1325

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH
1 FT

REMARKS

LOCATION

Lemon Bay - Northeast End
of Stump Pass

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	19.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	112	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	1.3	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	4	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	46,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	37.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	39,638	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.007	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	.19				
I ORGANIC	MG/L	605	.19				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	7				

SAMPLE TAKEN BY: Levy/M. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

TIME A - GRAB SAMPLE

1310

DEPTH

1 FT

AGENCY
BSWFRCSTATION
LB-5DATE
26 Mar 77

TIME B COMPOSITE SAMPLE

COMP

BEOM

END

REMARKS

LOCATION

Lemon Bay - Intracoastal
Waterway Marker 9

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.5	CURRENT SPEED	M/SEC	70225	
.O.	MG/L	299	7.9	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	112	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	2.7	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.9	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	11	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	47,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	38.5				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	38,580	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.013	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.005				
N KJEL	MG/L	625	.17				
ORGANIC	MG/L	605	.17				
NH3-N DISS	MG/L	608	LT .001				
ORG (TOC)	MG/L	680	11.5				

SAMPLE TAKEN BY: Levy/M. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

TIME A - GRAB SAMPLE

1240

AGENCY
BSWFRC

STATION

LB-6

DATE

26 Mar 77

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH

1 FT

REMARKS

LOCATION

Lemon Bay - West End of
Stump Pass

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	19.3	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.5	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	115	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	1.8	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	5	WIND DIRECTION	DEG COMP	36	SE
COND	uMHO/CM	95	46,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	37.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	39,808	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.049	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.011				
N KJEL	MG/L	625	.22				
ORGANIC	MG/L	605	.20				
NH3-N DISS	MG/L	608	.020				
ORG (TOC)	MG/L	680	8				

SAMPLE TAKEN BY:

Levy/M. Evans

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

REPORT PREPARED BY:

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

AGENCY BSWFRC	STATION GC-1	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1230	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Godfrey Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	23.3	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.9	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	85	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	2.1	TIDE FLOW	FT/SEC	900044	
pH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.8	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	15	WIND DIRECTION	DEG COMP	36	45
COND	uMHO/CM	95	43,500	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	35.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	40
RES TOT	MG/L	500	37,910	FECAL COLI MF	#/100ML	31616	0
P ORTHO DISS	MG/L	671	.008	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.014	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	.66				
N ORGANIC	MG/L	605	.66				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	13.5				

SAMPLE TAKEN BY: R. Evans

REPORT PREPARED BY:
RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

AGENCY BSWFR	STATION GC-2	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1255	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEOIN END	

REMARKS				LOCATION Godfrey Creek at SR 777			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	26.3	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	85	TIDE DIRECTION	CODE	900043	1
B.C.D.	MG/L	310	3.3	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.5	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	33	WIND DIRECTION	DEG COMP	36	0
COND	uMHO/CM	95	38,500	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	31.6				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	360
RES TOT	MG/L	500	31,344	FECAL COLI MF	#/100ML	31616	80
ORTHO DISS	MG/L	671	.041	FECAL STREP MF	#/100ML	31679	30
P TOT	MG/L	665	.042	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	1.19				
ORGANIC	MG/L	605	1.15				
NH3-N DISS	MG/L	608	.043				
ORG (TOC)	MG/L	680	18				
SAMPLE TAKEN BY: R. Evans				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

AGENCY BSWERC	STATION GC-3	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1315	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION			
				Godfrey Creek Between Sarasota Sections 19 and 30, Just Downstream From Culverts			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	27.5	CURRENT SPEED	M/SEC	70225	
.O.	MG/L	299	14.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	181	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	1.1	TIDE FLOW	FT/SEC	900044	
TH LAB	STD UNIT	403	8.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.1	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	80	WIND DIRECTION	DEG COMP	36	180
COND	µMHO/CM	95	2,100	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	1.4				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	320
RES TOT	MG/L	500	1,662	FECAL COLI MF	#/100ML	31616	200
ORTHO DISS	MG/L	671	.079	FECAL STREP MF	#/100ML	31679	90
P TOT	MG/L	665	.081	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.011				
N KJEL	MG/L	625	1.30				
ORGANIC	MG/L	605	1.29				
NH3-N DISS	MG/L	608	.010				
C ORG (TOC)	MG/L	680	25.5				
SAMPLE TAKEN BY: R. Evans				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

AGENCY BSWERC	STATION AC-1	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1315	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP	

REMARKS				LOCATION Ainger Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	9.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	129	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	2.3	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	10	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	45,000	WIND VELOCITY	MPH	35	17
SALINITY PPT	PPTH	480	36.9				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	20
RES TOT	MG/L	500	36,958	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	10
TOT	MG/L	665	.015	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.009				
N KJEL	MG/L	625	.87				
I ORGANIC	MG/L	605	.82				
NH3-N DISS	MG/L	608	.055				
C ORG (TOC)	MG/L	680	15.5				
SAMPLE TAKEN BY: Harvey				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

AGENCY BSWFRC	STATION AC-2	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1250	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Ainger Creek at SR 776			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.0	CURRENT SPEED	M/SEC	70225	
P.O.	MG/L	299	5.3	CURRENT DIR	DEG COMP	70266	
P.O. SAT %	% SAT	301	75	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	1.5	TIDE FLOW	FT/SEC	900044	
H LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.7	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	16	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	44,000	WIND VELOCITY	MPH	35	4
SALINITY PPT	PPTH	480	36.1				
1 (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	20
RES TOT	MG/L	500	35,988	FECAL COLI MF	#/100ML	31616	10
ORTHO DISS	MG/L	671	.005	FECAL STREP MF	#/100ML	31679	20
P TOT	MG/L	665	.016	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.011				
N KJEL	MG/L	625	.54				
ORGANIC	MG/L	605	.50				
AMH3-N DISS	MG/L	608	.036				
C ORG (TOC)	MG/L	680	14				
SAMPLE TAKEN BY: Harvey				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

AGENCY BSWFRC	STATION AC-3	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1230	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Ainger Creek at Seahorse Lane			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	100	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	2.8	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.5	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	28	WIND DIRECTION	DEG COMP	36	135
COND	µMHO/CM	95	37,500	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	30.70				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	20
RES TOT	MG/L	500	30,608	FECAL COLI MF	#/100ML	31616	10
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	20
P TOT	MG/L	665	.016	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	.79				
ORGANIC	MG/L	605	.77				
NH3-N DISS	MG/L	608	.018				
C ORG (TOC)	MG/L	680	16.5				
SAMPLE TAKEN BY: Harvey				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

AGENCY BSWFR	STATION OC-1	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1305	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Oyster Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.8	CURRENT SPEED	M/SEC	70225	
I.O.	MG/L	299	7.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	112	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	1.9	TIDE FLOW	FT/SEC	900044	
PH L/B	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	11	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	45,000	WIND VELOCITY	MPH	35	5
ALINITY PPT	PPTH	480	36.9				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	37,986	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.009	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.005				
N KJEL	MG/L	625	.87				
ORGANIC	MG/L	605	.82				
NH3-N DISS	MG/L	608	.048				
ORG (TOC)	MG/L	680	13				
SAMPLE TAKEN BY: Baker				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

TIME A - GRAB SAMPLE

1245

AGENCY BSWFRC	STATION OC-2	DATE 26 Mar 77	DEPTH 1 FT
TIME B COMPOSITE SAMPLE		COMP	
		BEGIN	
		END	

REMARKS

LOCATION

Oyster Creek at Brookwood Drive

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	23.0	CURRENT SPEED	M/SEC	70225	
I.O.	MG/L	299	3.3	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	47	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	2.6	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.0	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	32	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	44,000	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	36.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	20
RES TOT	MG/L	500	36,650	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	.012	FECAL STREP MF	#/100ML	31679	40
P TOT	MG/L	665	.022	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.011				
N KJEL	MG/L	625	1.96				
I ORGANIC	MG/L	605	1.94				
NH3-N DISS	MG/L	608	.023				
C ORG (TOC)	MG/L	680	18				

SAMPLE TAKEN BY: Baker

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

TIME A - GRAB SAMPLE

1230

OFFICE

8SWFRC

STATION

OC-3

DATE

26 Mar 77

DEPTH

1 FT

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

REMARKS

LOCATION

Oyster Creek at San Casa Road

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	25.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	3.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	57	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	3.2	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	4.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	33	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	44,500	WIND VELOCITY	MPH	35	17
SALINITY PPT	PPTH	480	36.5				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	36,116	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	.011	FECAL STREP MF	#/100ML	31679	20
P TOT	MG/L	665	.024	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.005				
N KJEL	MG/L	625	1.72				
ORGANIC	MG/L	605	1.68				
NH3-N DISS	MG/L	608	.044				
C ORG (TOC)	MG/L	680	16.5				

SAMPLE TAKEN BY:

Baker

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

REPORT PREPARED BY:

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

AGENCY BSWFRC	STATION BC-1	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1315	DEPTH 1 FT
			TIME B COMPOSITE SAMPLES	
			BEGIN COMP END	

REMARKS

LOCATION

Buck Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.0	CURRENT SPEED	M/SEC	70225	
.O.	MG/L	299	9.5	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	140	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	1.7	TIDE FLOW	FT/SEC	900044	
H LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.2	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	11	WIND DIRECTION	DEG COMP	36	45
COND	uMHO/CM	95	45,500	WIND VELOCITY	MPH	35	5
ALINITY PPT	PPTH	480	37.3				
1 (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	53,560	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	10
P TOT	MG/L	665	.008	ALGAE TOTAL	CELLS/ML	60050	
.02-N DISS	MG/L	613	LT .005				
.03-N DISS	MG/L	618	.011				
N KJEL	MG/L	625	1.14				
ORGANIC	MG/L	605	1.11				
NH3-N DISS	MG/L	608	.026				
ORG (TOC)	MG/L	680	12.5				

SAMPLE TAKEN BY: Smolker

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

AGENCY BSWFRC	STATION BC-2	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1250	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP SEGIN END	

REMARKS				LOCATION Buck Creek, 100 Yards Downstream From Rotunda Wier			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.0	CURRENT SPEED	M/SEC	70225	
P.O.	MG/L	299	6.0	CURRENT DIR	DEG COMP	70256	
D.O. SAT %	% SAT	301	72	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	1.0	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.3	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	65	WIND DIRECTION	DEG COMP	36	45
COND	uMHO/CM	95	1,790	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	1.2				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	1000
RES TOT	MG/L	500	1,134	FECAL COLI MF	#/100ML	31616	10
ORTHO DISS	MG/L	671	.043	FECAL STREP MF	#/100ML	31679	10
P TOT	MG/L	665	.045	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	.006				
NO3-N DISS	MG/L	618	.008				
N KJEL	MG/L	625	1.47				
ORGANIC	MG/L	605	1.43				
NH3-N DISS	MG/L	608	.044				
C ORG (TOC)	MG/L	680	30.5				
SAMPLE TAKEN BY: Smolker				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

TIME A - GRAB SAMPLE

1230

AGENCY 8SWFRC	STATION BC-3	DATE 26 Mar 77	TIME B COMPOSITE SAMPLE	DEPTH 1 FT
			COMP	BEGIN END

REMARKS

LOCATION

Buck Creek, Just Upstream
From Rotunda Wier

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	25.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	6.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	81	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	1.3	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.9	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	60	WIND DIRECTION	DEG COMP	36	135
COND	UMHO/CM	95	1,290	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	.8				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	920
RES TOT	MG/L	500	978	FECAL COLI MF	#/100ML	31616	20
ORTHO DISS	MG/L	671	.010	FECAL STREP MF	#/100ML	31679	10
P TOT	MG/L	665	.036	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.008				
N KJEL	MG/L	625	1.21				
ORGANIC	MG/L	605	1.16				
NH3-N DISS	MG/L	608	.047				
ORG (TOC)	MG/L	680	29.5				

SAMPLE TAKEN BY: Smolker

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

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DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

TIME A - GRAB SAMPLE

1730

AGENCY 8SWFRC	STATION LB-1	DATE 26 Mar 77	TIME B COMPOSITE SAMPLE	DEPTH 1 FT
			COMP	BEGIN
			END	

REMARKS

LOCATION

Lemon Bay - Intracoastal
Waterway Marker 33

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.5	CURRENT SPEED	M/SEC	70225	
.O.	MG/L	299	9.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	139	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	4.3	TIDE FLOW	FT/SEC	900044	
M LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.9	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	18	WIND DIRECTION	DEG COMP	36	315
COND	uMHO/CM	95	43,000	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	35.3				
1 (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	38,602	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	.012	FECAL STREP MF	#/100ML	31679	10
P TOT	MG/L	665	.030	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	1.00				
ORGANIC	MG/L	605	1.00				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	12.5				

SAMPLE TAKEN BY: Levy/M. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

AGENCY BSWERC	STATION LB-2	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1700	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS

LOCATION

Lemon Bay - Intracoastal
Waterway Marker 28

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	9.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	135	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	4.0	TIDE FLOW	FT/SEC	900044	
H LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	5.0	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	13	WIND DIRECTION	DEG COMP	36	270
COND	uMHO/CM	95	43,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	35.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	38,214	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	LT .005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	.77				
ORGANIC	MG/L	605	.77				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	7.5				

SAMPLE TAKEN BY: Levy/Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN CTIME A - GRAB SAMPLE
1645AGENCY
8SWFRC

STATION

LB-3

DATE
26 Mar 77

TIME B COMPOSITE SAMPLE

DEPTH

1 FT

COMP

BEGIN

END

REMARKS

LOCATION

Lemon Bay - Intracoastal
Waterway Marker 23

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	20.3	CURRENT SPEED	M/SEC	70225	
P.O.	MG/L	299	8.6	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	117	TIDE DIRECTION	CODE	900043	0
D.O.D.	MG/L	310	1.3	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.1	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	4	WIND DIRECTION	DEG COMP	36	
COND	uMHO/CM	95	44,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	36.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	37,190	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	LT .005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.011				
N KJEL	MG/L	625	.97				
ORGANIC	MG/L	605	.97				
NH3-N DISS	MG/L	608	LT .001				
ORG (TOC)	MG/L	680	7				

SAMPLE TAKEN BY: Levy/Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

AGENCY 8SWFRC	STATION LB-4	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1625	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay - Northeast End of Stump Pass			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	20.2	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.4	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	115	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	1.7	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	4.0	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	5	WIND DIRECTION	DEG COMP	36	315
COND	uMHO/CM	95	44,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	36.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	38,184	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	LT .005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	.56				
ORGANIC	MG/L	605	.54				
NH3-N DISS	MG/L	608	.020				
C ORG (TOC)	MG/L	680	10.5				
SAMPLE TAKEN BY: Levy/Evans				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

AGENCY BSWFR	STATION LB-5	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1605	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP END	

REMARKS				LOCATION Lemon Bay - Intracoastal Waterway Marker 9			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.0	CURRENT SPEED	M/SEC	70225	
P.O.	MG/L	299	7.5	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	106	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	2.0	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	10	WIND DIRECTION	DEG COMP	36	
COND	uMHO/CM	95	44,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	36.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	38,930	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	LT .005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	.77				
ORGANIC	MG/L	605	LT .00177				
NH3-N DISS	MG/L	608	9.5				
C ORG (TOC)	MG/L	680	9.5				
SAMPLE TAKEN BY: Levy/M. Evans				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

AGENCY BSWFRC	STATION LB-6	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1545	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay, West End of Stump Pass			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	19.7	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.6	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	116	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	1.8	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.9	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	3	WIND DIRECTION	DEG COMP	36	90
COND	UMHO/CM	95	43,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	35.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	37,528	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	10
P TOT	MG/L	665	LT .005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	1.02				
ORGANIC	MG/L	605	.97				
NH3-N DISS	MG/L	608	.045				
C ORG (TOC)	MG/L	680	10.5				
SAMPLE TAKEN BY: Levy/M. Evans				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

TIME A - GRAB SAMPLE

1600

AGENCY
BSWFRSTATION
GC-1DATE
26 Mar 77

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH
1 FT

REMARKS

LOCATION

Godfrey Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.9	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	9.4	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	140	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	2.6	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.3	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	10	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	43,000	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	35.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	20
RES TOT	MG/L	500	36,072	FECAL COLI MF	#/100ML	31616	10
ORTHO DISS	MG/L	671	.006	FECAL STREP MF	#/100ML	31679	10
P TOT	MG/L	665	.012	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.034				
N KJEL	MG/L	625	.81				
ORGANIC	MG/L	605	.79				
NH3-N DISS	MG/L	608	.015				
C ORG (TOC)	MG/L	680	13				

SAMPLE TAKEN BY: R. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

AGENCY BSWERC	STATION GC-2	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1620	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Godfrey Creek at SR 777			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	25.8	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	6.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	90	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	3.5	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.0	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	35	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	37,800	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	31.0				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	60
RES TOT	MG/L	500	32,554	FECAL COLI MF	#/100ML	31616	20
ORTHO DISS	MG/L	671	.036	FECAL STREP MF	#/100ML	31679	70
P TOT	MG/L	665	.170	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.013				
N KJEL	MG/L	625	1.04				
ORGANIC	MG/L	605	1.00				
NH3-N DISS	MG/L	608	.035				
C ORG (TOC)	MG/L	680	15				
SAMPLE TAKEN BY: <u>R. Evans</u>				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

AGENCY 8SWFRC	STATION GC-3	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1650	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Godfrey Creek Between Sarasota Sections 19 and 30, Just Downstream From Culverts			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	26.0	CURRENT SPEED	M/SEC	70225	
I.O.	MG/L	299	14.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	185	TIDE DIRECTION	CODE	900043	0
B.O.D.	MG/L	310	2.2	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	75	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	1,820	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	1.2				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	1280
RES TOT	MG/L	500	1,232	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	.076	FECAL STREP MF	#/100ML	31679	260
P TOT	MG/L	665	.082	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.030				
N KJEL	MG/L	625	1.42				
I ORGANIC	MG/L	605	1.40				
NH3-N DISS	MG/L	608	.018				
C ORG (TOC)	MG/L	680	-				
SAMPLE TAKEN BY: <u>R. Evans</u>				REPORT VERIFIED BY: <u>DR. JOHN B. MORRILL</u>			
REPORT PREPARED BY: <u>RAYMOND D. GASSER</u>				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

AGENCY BSWFR	STATION AC-1	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1640	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Ainger Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	23.8	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	10.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	147	TIDE DIRECTION	CODE	900043	0
D.O.D.	MG/L	310	2.0	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.2	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	11	WIND DIRECTION	DEG COMP	36	225
COND	uMHO/CM	95	44,900	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	36.8				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	37,816	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	160
P TOT	MG/L	665	.012	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.005				
N KJEL	MG/L	625	.56				
ORGANIC	MG/L	605	.54				
NH3-N DISS	MG/L	608	.015				
C ORG (TOC)	MG/L	680	10.5				
SAMPLE TAKEN BY: Harvey				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

AGENCY BSWFRC	STATION AC-2	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1620	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Ainger Creek at SR 776			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.2	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	104	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	1.2	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.2	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	19	WIND DIRECTION	DEG COMP	36	225
COND	uMHO/CM	95	41,000	WIND VELOCITY	MPH	35	4
SALINITY PPT	PPTH	480	33.6				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	420
RES TOT	MG/L	500	35,102	FECAL COLI MF	#/100ML	31616	110
ORTHO DISS	MG/L	671	.008	FECAL STREP MF	#/100ML	31679	60
TOT	MG/L	665	.016	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.012				
N KJEL	MG/L	625	1.23				
ORGANIC	MG/L	605	1.17				
NH3-N DISS	MG/L	608	.056				
C ORG (TOC)	MG/L	680	14				
SAMPLE TAKEN BY: Harvey				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

AGENCY BSWFRC	STATION AC-3	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1600	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Ainger Creek at Seahorse Lane			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	25.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.3	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	120	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	4.0	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.6	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	29	WIND DIRECTION	DEG COMP	36	225
COND	uMHO/CM	95	37,000	WIND VELOCITY	MPH	35	4
SALINITY PPT	PPTH	480	30.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	60
RES TOT	MG/L	500	29,086	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	.006	FECAL STREP MF	#/100ML	31679	70
P TOT	MG/L	665	.012	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	1.34				
ORGANIC	MG/L	605	1.32				
NH3-N DISS	MG/L	608	.015				
C ORG (TOC)	MG/L	680	19.5				
SAMPLE TAKEN BY: Harvey				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

AGENCY BSWFR	STATION OC-1	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1640	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Oyster Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.8	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	111	TIDE DIRECTION	CODE	900043	0
D.O.D.	MG/L	310	1.2	TIDE FLOW	FT/SEC	900044	
TH LAG	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.2	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	11	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	44,200	WIND VELOCITY	MPH	35	12
SALINITY PPT	PPTH	480	36.2				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	20
RES TOT	MG/L	500	37,256	FECAL COLI MF	#/100ML	31616	60
ORTHO DISS	MG/L	671	.035	FECAL STREP MF	#/100ML	31679	50
P TOT	MG/L	665	.037	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.005				
N KJEL	MG/L	625	.79				
ORGANIC	MG/L	605	.71				
NH3-N DISS	MG/L	608	.078				
C ORG (TOC)	MG/L	680	12.5				
SAMPLE TAKEN BY: Baker				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

AGENCY BSWFR	STATION OC-2	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1625	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Oyster Creek at Brookwood Drive			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	25.4	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	6.3	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	94	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	3.1	TIDE FLOW	FT/SEC	900044	
SH LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.1	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	31	WIND DIRECTION	DEG COMP	36	90
COND	UMHO/CM	95	42,000	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	34.4				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	160
RES TOT	MG/L	500	34,224	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	.014	FECAL STREP MF	#/100ML	31679	3030
TOT	MG/L	665	.018	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.007				
N KJEL	MG/L	625	.96				
ORGANIC	MG/L	605	.91				
NH3-N DISS	MG/L	608	.046				
C ORG (TOC)	MG/L	680	17				
SAMPLE TAKEN BY: Baker				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
PORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

TIME A - GRAB SAMPLE

1600

AGENCY

8SWFRC

STATION

OC-3

DATE

26 Mar 77

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH

1 FT

REMARKS

LOCATION

Oyster Creek at San Casa Road

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	76	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	3.8	TIDE FLOW	FT/SEC	900044	
PH L C	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.5	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	30	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	42,000	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	34.4				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	180
RES TOT	MG/L	500	35,364	FECAL COLI MF	#/100ML	31616	100
ORTHO DISS	MG/L	671	.012	FECAL STREP MF	#/100ML	31679	260
P TOT	MG/L	665	.029	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.005				
N KJEL	MG/L	625	.95				
I ORGANIC	MG/L	605	.87				
NH3-N DISS	MG/L	608	.078				
C ORG (TOC)	MG/L	680	16				

SAMPLE TAKEN BY:

Baker

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

REPORT PREPARED BY:

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

TIME A - GRAB SAMPLE

1650

TIME B - COMPOSITE SAMPLE

DEPTH

1 FT

AGENCY

BSWFR

STATION

BC-1

DATE

26 Mar 77

COMP

BEGIN

END

REMARKS

LOCATION

Buck Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	25.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	9.6	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	143	TIDE DIRECTION	CODE	900043	0
D.O.D.	MG/L	310	1.9	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.1	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	11	WIND DIRECTION	DEG COMP	36	225
COND	UMHO/CM	95	44,500	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	36.5				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	40
RES TOT	MG/L	500	37,172	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	.028	FECAL STREP MF	#/100ML	31679	20
P TOT	MG/L	665	.034	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.007				
N KJEL	MG/L	625	.69				
ORGANIC	MG/L	605	.65				
NH3-N DISS	MG/L	608	.036				
ORG (TOC)	MG/L	680	11.5				

SAMPLE TAKEN BY:

Smolker

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

REPORT PREPARED BY:

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

AGENCY BSWERC	STATION BC-2	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1625	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Buck Creek, 100 Yards Downstream From Rotunda Wier			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	25.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.6	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	93	TIDE DIRECTION	CODE	900043	1
B.C.D.	MG/L	310	1.4	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.2	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	65	WIND DIRECTION	DEG COMP	36	225
COND	uMHO/CM	95	1,540	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	1.0				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	360
RES TOT	MG/L	500	1,014	FECAL COLI MF	#/100ML	31616	10
ORTHO DISS	MG/L	671	.007	FECAL STREP MF	#/100ML	31679	200
P TOT	MG/L	665	.007	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.022				
N KJEL	MG/L	625	1.38				
I ORGANIC	MG/L	605	1.28				
NH3-N DISS	MG/L	608	.098				
C ORG (TOC)	MG/L	680	28.5				
SAMPLE TAKEN BY: Smolker				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

AGENCY BSWFRC	STATION BC-3	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1600	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Buck Creek - Just Upstream From Rotunda Wier			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	26.7	CURRENT SPEED	M/SEC	70225	
P.O.	MG/L	299	7.5	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	95	TIDE DIRECTION	CODE	900043	
D.O.D.	MG/L	310	-	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.1	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	65	WIND DIRECTION	DEG COMP	36	225
COND	uMHO/CM	95	1,050	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	760
RES TOT	MG/L	500	754	FECAL COLI MF	#/100ML	31616	-
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	150
P TOT	MG/L	665	.013	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	1.30				
ORGANIC	MG/L	605	1.22				
NH3-N DISS	MG/L	608	.079				
ORG (TOC)	MG/L	680	35.5				
SAMPLE TAKEN BY: Smolker				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN DTIME A - GRAB SAMPLE
2100AGENCY
BSWFRCSTATION
LB-1DATE
26 Mar 77

TIME B COMPOSITE SAMPLE

DEPTH
1 FT

COMP

BEGIN

END

REMARKS

LOCATION

Lemon Bay - Intracoastal
Waterway Marker 33

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	115	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	3.6	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	16	WIND DIRECTION	DEG COMP	36	270
COND	uMHO/CM	95	42,200	WIND VELOCITY	MPH	35	8
SALINITY PPT	PPTH	480	34.6				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	20
RES TOT	MG/L	500	36,192	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	.014	FECAL STREP MF	#/100ML	31679	10
P TOT	MG/L	665	.024	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	.018				
NO3-N DISS	MG/L	618	.000				
N KJEL	MG/L	625	1.05				
I ORGANIC	MG/L	605	1.05				
NH3-N DISS	MG/L	608	LT 0.001				
C ORG (TOC)	MG/L	680	14.5				

SAMPLE TAKEN BY: Levy/M. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN D

AGENCY BSWFRC	STATION LB-2	DATE 26 Mar 77	TIME A - GRAB SAMPLE 2045	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay - Intracoastal Waterway Marker 28			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	9.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	130	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	3.9	TIDE FLOW	FT/SEC	900044	
pH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	5.0	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	14	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	43,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	35.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	120
RES TOT	MG/L	500	37,718	FECAL COLI MF	#/100ML	31616	0
P ORTHO DISS	MG/L	671	.006	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.021	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.008				
N KJEL	MG/L	625	1.02				
N ORGANIC	MG/L	605	.98				
NH3-N DISS	MG/L	608	.039				
C ORG (TOC)	MG/L	680	11				
SAMPLE TAKEN BY: Levy/M. Evans				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
PORT PREPARED BY: RAYMOND D. GASSER				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN D

TIME A - GRAB SAMPLE

2015

AGENCY BSWFR	STATION LB-3	DATE 26 Mar 77	TIME B COMPOSITE SAMPLE	DEPTH 1 FT
			COMP	SEOM
			END	

REMARKS

LOCATION

Lemon Bay - Intracoastal
Waterway Marker 23

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	115	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	2.2	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.2	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	10	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	43,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	35.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	100
RES TOT	MG/L	500	36,918	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.012	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	.79				
I ORGANIC	MG/L	605	.74				
NH3-N DISS	MG/L	608	.052				
C ORG (TOC)	MG/L	680	13				

SAMPLE TAKEN BY: Levy/M. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN D

AGENCY BSWFRC	STATION LB-4	DATE 26 Mar 77	TIME A - GRAB SAMPLE 2000	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS

LOCATION

Lemon Bay - Northeast End
of Stump Pass

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	20.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	119	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	1.9	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.5	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	7	WIND DIRECTION	DEG COMP	36	
COND	uMHO/CM	95	43,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	35.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	38,816	FECAL COLI MF	#/100ML	31616	20
CRTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.013	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	.67				
ORGANIC	MG/L	605	.61				
NH3-N DISS	MG/L	608	.057				
C ORG (TOC)	MG/L	680	10.5				

SAMPLE TAKEN BY: Levy/M. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN D

AGENCY BSWFR	STATION LB-5	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1930	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay - Intracoastal Waterway Marker 9			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.2	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.6	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	108	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	2.2	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.1	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	11	WIND DIRECTION	DEG COMP	36	0
COND	uMHO/CM	95	44,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	36.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	40
RES TOT	MG/L	500	37,632	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.012	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.006				
N KJEL	MG/L	625	.77				
I ORGANIC	MG/L	605	.77				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	13				
SAMPLE TAKEN BY: Levy/M. Evans				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN D

AGENCY BSWFRC	STATION LB-6	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1900	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay - West End of Stump Pass			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	20.5	CURRENT SPEED	M/SEC	70225	
P.O.	MG/L	299	8.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	112	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.4	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.3	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	3	WIND DIRECTION	DEG COMP	36	270
COND	uMHO/CM	95	43,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	35.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	60
RES TOT	MG/L	500	37,046	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.007	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	.44				
ORGANIC	MG/L	605	.44				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	9				
SAMPLE TAKEN BY: Levy/M. Evans				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN DAGENCY
BSWFRC

STATION

GC-1

DATE

26 Mar 77

TIME A - GRAB SAMPLE

1925

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH

1 FT

REMARKS

LOCATION

Godfrey Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.1	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	6.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	95	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	2.4	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.0	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	15	WIND DIRECTION	DEG COMP	36	270
COND	UMHO/CM	95	41,500	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	34.0				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	580
RES TOT	MG/L	500	35,164	FECAL COLI MF	#/100ML	31616	430
ORTHO DISS	MG/L	671	.009	FECAL STREP MF	#/100ML	31679	150
P TOT	MG/L	665	.018	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.005				
N KJEL	MG/L	625	1.00				
ORGANIC	MG/L	605	.96				
NH3-N DISS	MG/L	608	.036				
ORG (TOC)	MG/L	680	15				

SAMPLE TAKEN BY: R. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN D

AGENCY BSWFRC	STATION GC-2	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1945	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Godfrey Creek at SR 777			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.3	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	102	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	4.2	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.9	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	36	WIND DIRECTION	DEG COMP	36	0
COND	UMHO/CM	95	35,500	WIND VELOCITY	MPH	35	0
SALINITY PPT	PPTH	480	29.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	960
RES TOT	MG/L	500	29,182	FECAL COLI MF	#/100ML	31616	170
ORTHO DISS	MG/L	671	.056	FECAL STREP MF	#/100ML	31679	80
P TOT	MG/L	665	.062	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.005				
N KJEL	MG/L	625	1.19				
ORGANIC	MG/L	605	1.14				
NH3-N DISS	MG/L	608	.049				
C ORG (TOC)	MG/L	680	21				
SAMPLE TAKEN BY: R. Evans				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN D

AGENCY BSWFRC	STATION GC-3	DATE 26 Mar 77	TIME A - GRAB SAMPLE 2005	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS

LOCATION

Godfrey Creek Between Sarasota Sections 19 and 30, Just Downstream From Culverts

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	23.9	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.4	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	100	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.7	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.5	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.3	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	85	WIND DIRECTION	DEG COMP	36	0
COND	UMHO/CM	95	1,670	WIND VELOCITY	MPH	35	0
SALINITY PPT	PPTH	480	1.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	TNTC
RES TOT	MG/L	500	1,200	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	.080	FECAL STREP MF	#/100ML	31679	410
TOT	MG/L	665	.106	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.012				
N KJEL	MG/L	625	1.31				
I ORGANIC	MG/L	605	1.29				
NH3-N DISS	MG/L	608	.015				
C ORG (TOC)	MG/L	680	25.5				

SAMPLE TAKEN BY: R. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSERDR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN DAGENCY
BSWFRCSTATION
AC-1DATE
26 Mar 77

TIME A - GRAB SAMPLE

2015

TIME B - COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH
1 FT

REMARKS

LOCATION

Ainger Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	23.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	111	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	2.1	TIDE FLOW	FT/SEC	900044	
PH LAB.	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	14	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	42,000	WIND VELOCITY	MPH	35	1
SALINITY PPT	PPTH	480	34.4				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	320
RES TOT	MG/L	500	35,364	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	.006	FECAL STREP MF	#/100ML	31679	20
P TOT	MG/L	665	.018	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.014				
N KJEL	MG/L	625	.61				
I ORGANIC	MG/L	605	.57				
NH3-N DISS	MG/L	608	.041				
C ORG (TOC)	MG/L	680	13				

SAMPLE TAKEN BY: Harvey

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN D

AGENCY 8SWFRC	STATION AC-2	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1955 TIME B COMPOSITE SAMPLE COMP BEGIN END	DEPTH 1 FT
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REMARKS

LOCATION

Ainger Creek at SR 776

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	6.3	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	90	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.1	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.9	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	20	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	39,600	WIND VELOCITY	MPH	35	1
SALINITY PPT	PPTH	480	32.5				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	400
RES TOT	MG/L	500	35,360	FECAL COLI MF	#/100ML	31616	110
ORTHO DISS	MG/L	671	.009	FECAL STREP MF	#/100ML	31679	90
TOT	MG/L	665	.019	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	.005				
NO3-N DISS	MG/L	618	.009				
N KJEL	MG/L	625	.70				
ORGANIC	MG/L	605	.66				
NH3-N DISS	MG/L	608	.036				
C ORG (TOC)	MG/L	680	14				

SAMPLE TAKEN BY: Harvey

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN D

AGENCY BSWFRC	STATION AC-3	DATE 26 Mar 77	TIME A - GRAB SAMPLE 1930	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Ainger Creek at Seahorse Lane			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.8	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	6.6	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	94	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	2.7	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.8	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	29	WIND DIRECTION	DEG COMP	36	0
COND	uMHO/CM	95	34,800	WIND VELOCITY	MPH	35	0
SALINITY PPT	PPTH	480	28.5				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	300
RES TOT	MG/L	500	29,126	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	.006	FECAL STREP MF	#/100ML	31679	490
P TOT	MG/L	665	.036	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	.65				
ORGANIC	MG/L	605	.64				
NH3-N DISS	MG/L	608	.010				
ORG (TOC)	MG/L	680	18				
SAMPLE TAKEN BY: Harvey				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN DTIME A - GRAB SAMPLE
2020AGENCY
BSWFRCSTATION
OC-1DATE
26 Mar 77DEPTH
1 FT

TIME B - COMPOSITE SAMPLE

COMP

BEGIN

END

REMARKS

LOCATION

Oyster Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	23.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.6	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	108	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.6	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.9	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	13	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	42,500	WIND VELOCITY	MPH	35	12
SALINITY PPT	PPTH	480	34.8				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	340
RES TOT	MG/L	500	37,910	FECAL COLI MF	#/100ML	31616	150
ORTHO DISS	MG/L	671	.005	FECAL STREP MF	#/100ML	31679	30
TOT	MG/L	665	.014	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.011				
N KJEL	MG/L	625	.80				
ORGANIC	MG/L	605	.77				
NH3-N DISS	MG/L	608	.029				
C ORG (TOC)	MG/L	680	13.5				

SAMPLE TAKEN BY: Baker

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN DAGENCY
BSWFRCSTATION
OC-2DATE
26 Mar 77

TIME A - GRAB SAMPLE

2000

TIME B - COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH
1 FT

REMARKS

LOCATION

Oyster Creek at Brookwood Drive

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.8	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	117	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	6.7	TIDE FLOW	FT/SEC	900044	
pH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.8	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	35	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	40,500	WIND VELOCITY	MPH	35	3
SALINITY PPT	PPTH	480	33.2				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	380
RES TOT	MG/L	500	33,764	FECAL COLI MF	#/100ML	31616	210
ORTHO DISS	MG/L	671	.013	FECAL STREP MF	#/100ML	31679	120
P TOT	MG/L	665	.030	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.013				
N KJEL	MG/L	625	1.37				
I ORGANIC	MG/L	605	1.33				
NH3-N DISS	MG/L	608	.041				
ORG (TOC)	MG/L	680	13				

SAMPLE TAKEN BY: Baker

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN DTIME A - GRAB SAMPLE
1945

AGENCY BSWFR	STATION OC-3	DATE 26 Mar 77	DEPTH 1 FT
TIME B COMPOSITE SAMPLE		COMP	
		BEGIN	
		END	

REMARKS

LOCATION

Oyster Creek at San Casa Road

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.8	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	6.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	90	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	5.4	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	33	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	40,500	WIND VELOCITY	MPH	35	3
SALINITY PPT	PPTH	480	33.2				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	540
RES TOT	MG/L	500	33,334	FECAL COLI MF	#/100ML	31616	-
ORTHO DISS	MG/L	671	.012	FECAL STREP MF	#/100ML	31679	240
P TOT	MG/L	665	.029	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.012				
N KJEL	MG/L	625	1.44				
ORGANIC	MG/L	605	1.37				
NH3-N DISS	MG/L	608	.067				
ORG (TOC)	MG/L	680	13.5				

SAMPLE TAKEN BY:

Baker

REPORT VERIFIED BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN DTIME A - GRAB SAMPLE
2030AGENCY
BSWFRC

STATION

BC-1

DATE

26 Mar 77

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH

1 FT

REMARKS

LOCATION

Buck Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	6.9	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	102	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	1.5	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.3	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	15	WIND DIRECTION	DEG COMP	36	
COND	uMHO/CM	95	44,500	WIND VELOCITY	MPH	35	3
SALINITY PPT	PPTH	480	36.5				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	36,368	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	30
P TOT	MG/L	665	.037	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.007				
N KJEL	MG/L	625	.68				
I ORGANIC	MG/L	605	.65				
NH3-N DISS	MG/L	608	.028				
C ORG (TOC)	MG/L	680	12				

SAMPLE TAKEN BY:

Smolker

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN D

AGENCY

BSWFRC

STATION

BC-2

DATE

26 Mar 77

TIME A - GRAB SAMPLE

2000

TIME B - COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH

1 FT

REMARKS

LOCATION

Buck Creek 100 Yards Downstream
From Rotunda Wier

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.3	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	87	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.4	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	65	WIND DIRECTION	DEG COMP	36	0
COND	uMHO/CM	95	1,360	WIND VELOCITY	MPH	35	0
SALINITY PPT	PPTH	480	.9				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	TNTC
RES TOT	MG/L	500	928	FECAL COLI MF	#/100ML	31616	10
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	60
P TOT	MG/L	665	.008	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	.007				
NO3-N DISS	MG/L	618	.007				
N KJEL	MG/L	625	1.45				
I ORGANIC	MG/L	605	1.36				
NH3-N DISS	MG/L	608	.093				
C ORG (TOC)	MG/L	680	27.5				

SAMPLE TAKEN BY:

Smolker

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

REPORT PREPARED BY:

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN DAGENCY
BSWFRCSTATION
BC-3DATE
26 Mar 77TIME A - GRAB SAMPLE
1940

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH
1 FT

REMARKS

LOCATION

Buck Creek Just Upstream From
Rotunda Wier

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	25.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	85	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.8	TIDE FLOW	FT/SEC	900044	
pH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.6	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	60	WIND DIRECTION	DEG COMP	36	0
COND	uMHO/CM	95	1,050	WIND VELOCITY	MPH	35	0
SALINITY PPT	PPTH	480	.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	TNTC
RES TOT	MG/L	500	728	FECAL COLI MF	#/100ML	31616	-
P ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	250
P TOT	MG/L	665	.009	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.006				
N KJEL	MG/L	625	1.02				
N ORGANIC	MG/L	605	1.00				
NH3-N DISS	MG/L	608	.017				
C ORG (TOC)	MG/L	680	31				

SAMPLE TAKEN BY: Smolker

REPORT VERIFIED BY:

PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN E

AGENCY BSWERC	STATION LB-1	DATE 27 Mar 77	TIME A - GRAB SAMPLE 0110	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION			
				Lemon Bay - Intracoastal Waterway Marker 33			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	109	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	3.7	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.9	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	17	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	42,000	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	34.4				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500	35,934	FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671	.013	FECAL STREP MF	#/100ML	31679	
TOT	MG/L	665	.031	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	.85				
ORGANIC	MG/L	605	.85				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	13				

SAMPLE TAKEN BY: Levy/M. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN E

AGENCY BSWFRC	STATION LB-2	DATE 27 Mar 77	TIME A - GRAB SAMPLE 0045	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay - Intracoastal Waterway Marker 28			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.2	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	109	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	3.4	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	4.6	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	15	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	44,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	36.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500	36,928	FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671	.008	FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665	.017	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.007				
N KJEL	MG/L	625	.57				
I ORGANIC	MG/L	605	.57				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	12.5				
SAMPLE TAKEN BY: Levy/M. Evans				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN E

AGENCY BSWFRC	STATION LB-3	DATE 27 Mar 77	TIME A - GRAB SAMPLE 0020	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay - Intracoastal Waterway Marker 23			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.7	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	110	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	2.4	TIDE FLOW	FT/SEC	900044	
PH LAG	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	6.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	8	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	44,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	36.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500	36,124	FECAL COLI MF	#/100ML	31616	
CRTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665	LT .005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.013				
N KJEL	MG/L	625	1.05				
ORGANIC	MG/L	605	1.05				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	-				

SAMPLE TAKEN BY: Levy/M. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN E

AGENCY BSWFERC	STATION LB-4	DATE 27 Mar 77	TIME A - GRAB SAMPLE 0000	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP END	

REMARKS				LOCATION			
				Lemon Bay - Northeast End of Stump Pass			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.5	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	118	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.6	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	4.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	7	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	43,500	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	35.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500	37,998	FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671	LT. .005	FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665	LT .005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	1.00				
ORGANIC	MG/L	605	1.00				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	12.5				

SAMPLE TAKEN BY: Levy/M. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN E

TIME A - GRAB SAMPLE

2330

AGENCY BSWFR	STATION LB-5	DATE 26 Mar 77	TIME B COMPOSITE SAMPLE	DEPTH 1 FT
			COMP	BEGIN END

REMARKS

LOCATION

Lemon Bay - Intracoastal Waterway
Marker 9

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	6.9	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	97	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.8	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.2	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	10	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	44,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	36.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500	36,374	FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665	LT .005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	.75				
ORGANIC	MG/L	605	.75				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	9				

SAMPLE TAKEN BY: Levy/ M.Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN E

AGENCY BSWERC	STATION LB-6	DATE 26 Mar 77	TIME A - GRAB SAMPLE 2305	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay - West End of Stump Pass			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	20.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	106	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	1.9	TIDE FLOW	FT/SEC	900044	
PH	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	6.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	8	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	44,000	WIND VELOCITY	MPH	35	1
SALINITY PPT	PPTH	480	36.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500	37,082	FECAL COLI MF	#/100ML	31616	
CRTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665	LT .005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	.80				
ORGANIC	MG/L	605	.80				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	11				

SAMPLE TAKEN BY: Levy/M. Evans	REPORT VERIFIED BY: DR. JOHN B. MORRILL
PREPARED BY: RAYMOND D. GASSER	() CHANGE
	DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN E

AGENCY BSWERC	STATION GC-1	DATE 26 Mar 77	TIME A - GRAB SAMPLE 2330	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Godfrey Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.3	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.3	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	75	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.5	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	20	WIND DIRECTION	DEG COMP	36	270
COND	uMHO/CM	95	42,000	WIND VELOCITY	MPH	35	3
SALINITY PPT	PPTH	480	34.4				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
PES TOT	MG/L	500	35,926	FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671	.019	FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665	.019	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	.71				
I ORGANIC	MG/L	605	.69				
NH3-N DISS	MG/L	608	.017				
C ORG (TOC)	MG/L	680	13				
SAMPLE TAKEN BY: R. Evans				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN ETIME A - GRAB SAMPLE
2350AGENCY
BSWFRCSTATION
GC-2DATE
27 Mar 77

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH
1 FT

REMARKS

LOCATION

Godfrey Creek at SR 777

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	23.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.9	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	82	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.9	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.6	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	38	WIND DIRECTION	DEG COMP	36	270
COND	uMHO/CM	95	35,000	WIND VELOCITY	MPH	35	3
SALINITY PPT	PPTH	480	28.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500	28,654	FECAL COLI MF	#/100ML	31616	
CRTHO DISS	MG/L	671	.049	FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665	.056	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.007				
N KJEL	MG/L	625	1.17				
C ORGANIC	MG/L	605	1.15				
NH3-N DISS	MG/L	608	.015				
C ORG (TOC)	MG/L	680	15				

SAMPLE TAKEN BY: R. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

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DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN E

AGENCY BSWFRC	STATION GC-3	DATE 27 Mar 77	TIME A - GRAB SAMPLE 0015	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION			
				Godfrey Creek Between Sarasota Sections 19 and 30, Just Downstream From Culverts			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	20.9	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	1.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	19	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	1.1	TIDE FLOW	FT/SEC	900044	
PH	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.2	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	80	WIND DIRECTION	DEG COMP	36	0
COND	uMHO/CM	95	1,980	WIND VELOCITY	MPH	35	0
SALINITY PPT	PPTH	480	1.2				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500	1,404	FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671	.082	FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665	.084	ALGAE TOTAL	CELLS/ML	60050	
AM-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.013				
N KJEL	MG/L	625	1.28				
ORGANIC	MG/L	605	1.26				
NO3-N DISS	MG/L	608	.023				
ORG (TOC)	MG/L	680	33				

SAMPLE TAKEN BY: R. Evans

REPORT VERIFIED BY:

ANALYST PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN ETIME A - GRAB SAMPLE
0015AGENCY
BSWFRCSTATION
AC-1DATE
27 Mar 77DEPTH
1 FT

TIME B - COMPOSITE SAMPLE

COMP

BEGIN

END

REMARKS

LOCATION

Ainger Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.6	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	79	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.4	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	19	WIND DIRECTION	DEG COMP	36	135
SOUND	uMHO/CM	95	41,800	WIND VELOCITY	MPH	35	1
SALINITY PPT	PPTH	480	34.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500	34,232	FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671	.010	FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665	.011	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	.007				
NO3-N DISS	MG/L	618	.006				
N KJEL	MG/L	625	.80				
I ORGANIC	MG/L	605	.77				
NH3-N DISS	MG/L	608	.028				
C ORG (TOC)	MG/L	680	13.5				

SAMPLE TAKEN BY:

Harvey

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN E

TIME A - GRAB SAMPLE

2350

TIME B - COMPOSITE SAMPLE

DEPTH

1 FT

AGENCY

BSWERC

STATION

AC-2

DATE

26 Mar 77

COMP

BEGIN

END

REMARKS

LOCATION

Ainger Creek at SR 776

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	23.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.5	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	79	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	1.4	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	20	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	40,000	WIND VELOCITY	MPH	35	2
ALINITY PPT	PPTH	480	32.8				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500	33,868	FECAL COLI MF	#/100ML	31616	
CRTDO DISS	MG/L	671	.008	FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665	.012	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.015				
N KJEL	MG/L	625	.92				
ORGANIC	MG/L	605	.90				
NO3-N DISS	MG/L	608	.030				
ORG (TOC)	MG/L	680	13				

SAMPLE TAKEN BY: Harvey

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN E

AGENCY 8SWFRC	STATION AC-3	DATE 2 Mar 77	TIME A - GRAB SAMPLE 2330	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Ainger Creek at Seahorse Lane			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.6	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	78	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.6	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	31	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	34,700	WIND VELOCITY	MPH	35	1
SALINITY PPT	PPTH	480	28.4				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500	27,882	FECAL COLI MF	#/100ML	31616	
CRTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	
PH TOT	MG/L	665	.008	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.006				
N KJEL	MG/L	625	.77				
ORGANIC	MG/L	605	.77				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	14.5				
SAMPLE TAKEN BY: Harvey				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN E

AGENCY 8SWERC	STATION OC-1	DATE 27 Mar 77	TIME A - GRAB SAMPLE 0025	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Oyster Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.4	CURRENT SPEED	M/SEC	70225	
P.O.	MG/L	299	4.4	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	62	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.4	TIDE FLOW	FT/SEC	900044	
PH	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	18	WIND DIRECTION	DEG COMP	36	90
SOUND	uMHO/CM	95	43,000	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	35.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500	35,568	FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671	.008	FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665	.011	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.011				
N KJEL	MG/L	625	1.02				
ORGANIC	MG/L	605	.97				
NH3-N DISS	MG/L	608	.048				
C ORG (TOC)	MG/L	680	11				

SAMPLE TAKEN BY: Baker	REPORT VERIFIED BY: DR. JOHN B. MORRILL
WQPT PREPARED BY: RAYMOND D. GASSER	() CHANGE
	DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN E

AGENCY BSWFRC	STATION OC-2	DATE 27 Mar 77	TIME A - GRAB SAMPLE 0005	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Oyster Creek at Brookwood Drive			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	23.8	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	75	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	3.1	TIDE FLOW	FT/SEC	900044	
PH	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.3	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	39	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	41,000	WIND VELOCITY	MPH	35	3
SALINITY PPT	PPTH	480	33.6				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
PES TOT	MG/L	500	33,266	FECAL COLI MF	#/100ML	31616	
CRTHO DISS	MG/L	671	.013	FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665	.021	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.011				
N KJEL	MG/L	625	1.05				
ORGANIC	MG/L	605	1.05				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	15				
SAMPLE TAKEN BY: Baker				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN E

TIME A - GRAB SAMPLE

2345

AGENCY
BSWFRCSTATION
OC-3DATE
26 Mar 77

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH
1 FT

REMARKS

LOCATION

Oyster Creek at San Casa Road

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	23.4	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	71	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	3.7	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.6	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	39	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	40,000	WIND VELOCITY	MPH	35	3
SALINITY PPT	PPTH	480	32.8				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500	32,776	FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671	.013	FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665	.021	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	.89				
ORGANIC	MG/L	605	.89				
NH3-N DISS	MG/L	608	LT .001				
ORG (TOC)	MG/L	680	15				

SAMPLE TAKEN BY: Baker

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN E

AGENCY BSWFRC	STATION BC-1	DATE 27 Mar 77	TIME A - GRAB SAMPLE 0015	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Buck Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	71	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	2.0	TIDE FLOW	FT/SEC	900044	
pH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.8	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	15	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	44,500	WIND VELOCITY	MPH	35	3
SALINITY PPT	PPTH	480	36.5				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500	36,632	FECAL COLI MF	#/100ML	31616	
P CRTMO DISS	MG/L	671	LT. .005	FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665	LT .005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.013				
N KJEL	MG/L	625	1.01				
ORGANIC	MG/L	605	.95				
NH3-N DISS	MG/L	608	.062				
C ORG (TOC)	MG/L	680	15.5				
SAMPLE TAKEN BY: Smolker				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN E

AGENCY 8SWFRC	STATION BC-2	DATE 26 Mar 77	TIME A - GRAB SAMPLE 2350	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Buck Creek, 100 yards Downstream From Rotunda Wier			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	23.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	6.6	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	77	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	0.9	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	65	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	1,380	WIND VELOCITY	MPH	35	3
SALINITY PPT	PPTH	480	.9				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500	930	FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665	LT .005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.020				
N KJEL	MG/L	625	1.36				
ORGANIC	MG/L	605	1.26				
NH3-N DISS	MG/L	608	.099				
C ORG (TOC)	MG/L	680	-				
SAMPLE TAKEN BY: Smolker				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN E

AGENCY BSWERC	STATION BC-3	DATE 26 Mar 77	TIME A - GRAB SAMPLE 2320	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION			
				Buck Creek, Just Upstream From Rotunda Wier			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	6.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	71	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	2.2	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.5	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	65	WIND DIRECTION	DEG COMP	36	45
COND	uMHO/CM	95	1.140	WIND VELOCITY	MPH	35	10
SALINITY PPT	PPTH	480	.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500	778	FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	
TOT	MG/L	665	LT .005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.006				
N KJEL	MG/L	625	1.24				
ORGANIC	MG/L	605	1.24				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	27.5				

SAMPLE TAKEN BY: Smolker

REPORT PREPARED BY:
RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN F

AGENCY BSWFRC	STATION LB-1	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1050	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS

LOCATION

Lemon Bay - Intracoastal
Waterway Marker 33

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.4	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	103	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	4.0	TIDE FLOW	FT/SEC	900044	
pH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	4.6	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	17	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	44,000	WIND VELOCITY	MPH	35	12
SALINITY PPT	PPTH	480	36.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	38,788	FECAL COLI MF	#/100ML	31616	0
P CRTHO DISS	MG/L	671	.006	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.023	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	1.25				
N ORGANIC	MG/L	605	1.25				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	14.5				

SAMPLE TAKEN BY: Levy/M. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN F

AGENCY BSWERC	STATION LB-2	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1020	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay - Intracoastal Waterway Marker 28			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	108	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	3.7	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.3	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	5.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	16	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	44,200	WIND VELOCITY	MPH	35	12
SALINITY PPT	PPTH	480	36.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	38,254	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.028	ALGAE TOTAL	CELLS/ML	60050	
.02-N DISS	MG/L	613	LT. .005				
.03-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	1.10				
ORGANIC	MG/L	605	1.10				
NH3-N DISS	MG/L	608	LT .001				
ORG (TOC)	MG/L	680	13				
SAMPLE TAKEN BY: Levy/M. Evans				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN F

AGENCY BSWERC	STATION LB-3	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1000	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay - Intracoastal Waterway Marker 23			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	20.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	106	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	1.9	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	5.0	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	9	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	45,000	WIND VELOCITY	MPH	35	12
SALINITY PPT	PPTH	480	36.9				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	60
RES TOT	MG/L	500	37,854	FECAL COLI MF	#/100ML	31616	0
P ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.012	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	.64				
N ORGANIC	MG/L	605	.64				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	12.5				
SAMPLE TAKEN BY: Levy/M. Evans				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN F

AGENCY BSWFRC	STATION LB-4	DATE 27 Mar 77	TIME A - GRAB SAMPLE 0945	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay - Northeast End of Stump Pass			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	19.2	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.4	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	99	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	1.2	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	6.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	3	WIND DIRECTION	DEG COMP	36	135
COND	UMHO/CM	95	44,800	WIND VELOCITY	MPH	35	12
SALINITY PPT	PPTH	480	36.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	40
RES TOT	MG/L	500	38,946	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.006	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	.53				
I ORGANIC	MG/L	605	.53				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	8				

SAMPLE TAKEN BY: Levy/M. Evans	REPORT VERIFIED BY: DR. JOHN B. MORRILL
SAMPLE PREPARED BY: RAYMOND D. GASSER	() CHANGE
	DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN FAGENCY
BSWFRSTATION
LB-5DATE
27 Mar 77

TIME A - GRAB SAMPLE

0915

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH

1 FT

REMARKS

LOCATION

Lemon Bay - Intracoastal
Waterway Marker 9

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.2	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	6.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	84	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	1.8	TIDE FLOW	FT/SEC	900044	
pH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	6.5	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	8	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	46,000	WIND VELOCITY	MPH	35	12
SALINITY PPT	PPTH	480	37.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	37,832	FECAL COLI MF	#/100ML	31616	10
P ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.006	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	1.42				
I ORGANIC	MG/L	605	1.42				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	14.5				

SAMPLE TAKEN BY: Levy/M. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN F

TIME A - GRAB SAMPLE

0900

AGENCY BSWFR	STATION LB-6	DATE 27 Mar 77	TIME B COMPOSITE SAMPLE	DEPTH 1 FT
			COMP	BEGIN
			END	

REMARKS

LOCATION

Lemon Bay - West End Of
Stump Pass

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	19.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	104	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	1.1	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.9	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	5	WIND DIRECTION	DEG COMP	36	225
COND	uMHO/CM	95	45,500	WIND VELOCITY	MPH	35	12
SALINITY PPT	PPTH	480	37.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	38,768	FECAL COLI MF	#/100ML	31616	0
CRTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	.46				
I ORGANIC	MG/L	605	.46				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	11				

SAMPLE TAKEN BY: Levy/M. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN F

AGENCY BSWERC	STATION GC-1	DATE 27 Mar 77	TIME A - GRAB SAMPLE 0900	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS

LOCATION

Godfrey Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.9	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	4.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	56	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	1.7	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.6	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	17	WIND DIRECTION	DEG COMP	36	225
COND	uMHO/CM	95	42,500	WIND VELOCITY	MPH	35	12
SALINITY PPT	PPTH	480	34.8				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	120
RES TOT	MG/L	500	36,472	FECAL COLI MF	#/100ML	31616	40
CRTHO DISS	MG/L	671	.010	FECAL STREP MF	#/100ML	31679	50
P TOT	MG/L	665	.011	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	1.12				
ORGANIC	MG/L	605	1.08				
NH3-N DISS	MG/L	608	.041				
ORG (TOC)	MG/L	680	11				

SAMPLE TAKEN BY: R. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN F

AGENCY BSWFRC	STATION GC-2	DATE 27 Mar 77	TIME A - GRAB SAMPLE 0925	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Godfrey Creek at SR 777			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	23.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	4.5	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	63	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	3.2	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.9	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	32	WIND DIRECTION	DEG COMP	36	225
COND	uMHO/CM	95	38,200	WIND VELOCITY	MPH	35	12
SALINITY PPT	PPTH	480	31.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	140
RES TOT	MG/L	500	32,248	FECAL COLI MF	#/100ML	31616	10
ORTHO DISS	MG/L	671	.037	FECAL STREP MF	#/100ML	31679	70
P TOT	MG/L	665	.040	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	1.42				
ORGANIC	MG/L	605	1.39				
NH3-N DISS	MG/L	608	.029				
C ORG (TOC)	MG/L	680	15				
SAMPLE TAKEN BY: R. Evans				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
PORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN F

AGENCY BSWERC	STATION GC-3	DATE 27 Mar 77	TIME A - GRAB SAMPLE 0945	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION			
				Godfrey Creek Between Sarasota Sections 19 and 30, Just Downstream from Culverts			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	19.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	3.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	42	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	1.1	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	0.8	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	75	WIND DIRECTION	DEG COMP	36	225
COND	uMHO/CM	95	2,200	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	1.4				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	TNTC
RES TOT	MG/L	500	1,546	FECAL COLI MF	#/100ML	31616	70
ORTHO DISS	MG/L	671	.112	FECAL STREP MF	#/100ML	31679	140
P TOT	MG/L	665	.120	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	1.77				
ORGANIC	MG/L	605	1.75				
NH3-N DISS	MG/L	608	.015				
C ORG (TOC)	MG/L	680	-				
SAMPLE TAKEN BY: R. Evans				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN FTIME A - GRAB SAMPLE
0940AGENCY
BSWFRC

STATION

AC-1

DATE
27 Mar 77

TIME B - COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH

1 FT

REMARKS

LOCATION

Ainger Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	4.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	65	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	1.5	TIDE FLOW	FT/SEC	900044	
PH LAG	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.5	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	13	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	44,300	WIND VELOCITY	MPH	35	13
SALINITY PPT	PPTH	480	36.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	340
RES TOT	MG/L	500	39,146	FECAL COLI MF	#/100ML	31616	20
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.032	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	1.04				
ORGANIC	MG/L	605	1.02				
NH3-N DISS	MG/L	608	.020				
C ORG (TOC)	MG/L	680	14.5				

SAMPLE TAKEN BY: Harvey

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN F

AGENCY BSWFRC	STATION AC-2	DATE 27 Mar 77	TIME A - GRAB SAMPLE 0920	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Ainger Creek at SR 776			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	4.3	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	59	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	1.4	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.8	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	16	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	41,500	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	34.0				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	160
RES TOT	MG/L	500	37,890	FECAL COLI MF	#/100ML	31616	30
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	30
P TOT	MG/L	665	.012	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	.011				
NO3-N DISS	MG/L	618	.006				
N KJEL	MG/L	625	.74				
I ORGANIC	MG/L	605	.68				
NH3-N DISS	MG/L	608	.057				
C ORG (TOC)	MG/L	680	12.5				
SAMPLE TAKEN BY: Harvey				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
FORM PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN F

TIME A - GRAB SAMPLE

0900

AGENCY
BSWFRCSTATION
AC-3DATE
27 Mar 77

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH
1 FT

REMARKS

LOCATION

Ainger Creek at Seahorse Lane

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	79	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	2.6	TIDE FLOW	FT/SEC	900044	
PH	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.0	TIDE STAGE	CODE	67	13
COLOR	PT-CO	80	30	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	36,000	WIND VELOCITY	MPH	35	1
SALINITY PPT	PPTH	480	29.5				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	180
RES TOT	MG/L	500	29,654	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	50
TOT	MG/L	665	.012	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	1.23				
I ORGANIC	MG/L	605	1.21				
NH3-N DISS	MG/L	608	.017				
C ORG (TOC)	MG/L	680	17.5				

SAMPLE TAKEN BY: Harvey

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN F

AGENCY BSWERC	STATION OC-1	DATE 27 Mar 77	TIME A - GRAB SAMPLE 0940	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION			
				Oyster Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.4	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	6.3	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	89	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	1.4	TIDE FLOW	FT/SEC	900044	
pH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	11	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	45,500	WIND VELOCITY	MPH	35	22
SALINITY PPT	PPTH	480	37.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	80
RES TOT	MG/L	500	37,764	FECAL COLI MF	#/100ML	31616	10
P ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	10
P TOT	MG/L	665	.011	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	.81				
N ORGANIC	MG/L	605	.78				
NH3-N DISS	MG/L	608	.028				
C ORG (TOC)	MG/L	680	12.5				

SAMPLE TAKEN BY: Baker

REPORT VERIFIED BY:

PORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN F

AGENCY BSWERC	STATION OC-2	DATE 27 Mar 77	TIME A - GRAB SAMPLE 0920	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Oyster Creek at Brookwood Drive			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.0	CURRENT SPEED	M/SEC	70225	
P.O.	MG/L	299	4.6	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	64	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	4.0	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	4.3	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	32	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	43,000	WIND VELOCITY	MPH	35	25
SALINITY PPT	PPTH	480	35.2				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	800
RES TOT	MG/L	500	35,548	FECAL COLI MF	#/100ML	31616	0
CRTPO DISS	MG/L	671	.006	FECAL STREP MF	#/100ML	31679	480
P TOT	MG/L	665	.030	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	1.36				
ORGANIC	MG/L	605	1.36				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	12.5				

SAMPLE TAKEN BY:

Baker

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

REPORT PREPARED BY:

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN F

AGENCY BSWERC	STATION OC-3	DATE 27 Mar 77	TIME A - GRAB SAMPLE 0900	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Oyster Creek at San Casa Road			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	3.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	52	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	2.5	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.0	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	26	WIND DIRECTION	DEG COMP	36	90
COND	UMHO/CM	95	44,000	WIND VELOCITY	MPH	35	25
SALINITY PPT	PPTH	480	35.2				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	1200
BES TOT	MG/L	500	35,476	FECAL COLI MF	#/100ML	31616	20
ORTHO DISS	MG/L	671	.005	FECAL STREP MF	#/100ML	31679	40
P TOT	MG/L	665	.018	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	1.25				
I ORGANIC	MG/L	605	1.25				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	11.5				
SAMPLE TAKEN BY: Baker				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN F

AGENCY BSWERC	STATION BC-1	DATE 27 Mar 77	TIME A - GRAB SAMPLE 0940	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Buck Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	20.0	CURRENT SPEED	M/SEC	70225	
.O.	MG/L	299	5.5	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	75	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	1.3	TIDE FLOW	FT/SEC	900044	
H LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.6	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	15	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	44,200	WIND VELOCITY	MPH	35	17
SALINITY PPT	PPTH	480	36.2				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	180
RES TOT	MG/L	500	37,524	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	1.30				
ORGANIC	MG/L	605	1.30				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	15				
SAMPLE TAKEN BY: Smolker				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: DAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN F

AGENCY BSWFRG	STATION BC-2	DATE 27 Mar 77	TIME A - GRAB SAMPLE 0915	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Buck Creek 100 Yards Downstream From Rotunda Wier			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.0	CURRENT SPEED	M/SEC	70225	
P.O.	MG/L	299	5.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	60	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	0.8	TIDE FLOW	FT/SEC	900044	
PH	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.5	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	65	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	1,600	WIND VELOCITY	MPH	35	10
SALINITY PPT	PPTH	480	1.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	TNTC
RES TOT	MG/L	500	1,308	FECAL COLI MF	#/100ML	31616	0
CRTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	60
P TOT	MG/L	665	.013	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	.010				
NO3-N DISS	MG/L	618	LT .005				
N KJEL	MG/L	625	1.72				
I ORGANIC	MG/L	605	1.63				
NH3-N DISS	MG/L	608	.086				
C ORG (TOC)	MG/L	680	28.5				

SAMPLE TAKEN BY: Smolker	REPORT VERIFIED BY: DR. JOHN B. MORRILL
PORT PREPARED BY: RAYMOND D. GASSER	() CHANGE
	DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN F

AGENCY BSWFRC	STATION BC-3	DATE 27 Mar 77	TIME A - GRAB SAMPLE 0850	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Buck Creek, Just Upstream From Rotunda Wier			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	23.0	CURRENT SPEED	M/SEC	70225	
P.O.	MG/L	299	5.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	68	TIDE DIRECTION	CODE	900043	1
P.O.D.	MG/L	310	1.8	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.9	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	60	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	900	WIND VELOCITY	MPH	35	10
SALINITY PPT	PPTH	480	0.6				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	TNTC
RES TOT	MG/L	500	650	FECAL COLI MF	#/100ML	31616	20
ORTHO DISS	MG/L	671	LT .005	FECAL STREP MF	#/100ML	31679	30
P TGT	MG/L	665	LT .005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.006				
N KJEL	MG/L	625	1.58				
ORGANIC	MG/L	605	1.58				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	23.5				
SAMPLE TAKEN BY: Smolker				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN G

AGENCY BSWERC	STATION LB-1	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1720	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION			
				Lemon Bay - Intracoastal Waterway Marker 33			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.9	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	109	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	3.1	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	5.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	16	WIND DIRECTION	DEG COMP	36	180
COND	µMHO/CM	95	43,200	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	35.4				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
BES TOT	MG/L	500	37,134	FECAL COLI MF	#/100ML	31616	10
P ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.031	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.032				
N KJEL	MG/L	625	.89				
I ORGANIC	MG/L	605	.89				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	12.5				

SAMPLE TAKEN BY: Levy/M. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSERDR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN G

TIME A - GRAB SAMPLE

1655

AGENCY BSWFR	STATION LB-2	DATE 27 Mar 77	TIME B COMPOSITE SAMPLE	DEPTH 1 FT
			COMP	END

REMARKS

LOCATION

Lemon Bay - Intracoastal
Waterway Marker 28

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.0	CURRENT SPEED	M/SEC	70225	
.O.	MG/L	299	8.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	121	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	2.4	TIDE FLOW	FT/SEC	900044	
H LAB	STD UNIT	403	8.2	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	6.1	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	13	WIND DIRECTION	DEG COMP	36	180
COND	UMHO/CM	95	44,000	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	36.1				
1 (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	37,714	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	-	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.036	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.029				
N KJEL	MG/L	625	.85				
ORGANIC	MG/L	605	.85				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	12.5				

SAMPLE TAKEN BY: Levy/M. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN G

AGENCY BSWFR	STATION LB-3	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1635	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay - Intracoastal Waterway Marker 23			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.7	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	119	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	1.1	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	7.2	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	5	WIND DIRECTION	DEG COMP	36	180
COND	uMHO/CM	95	44,500	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	36.5				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	38,400	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	-	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.032				
N KJEL	MG/L	625	.46				
ORGANIC	MG/L	605	.46				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	9.5				
SAMPLE TAKEN BY: Levy/M. Evans				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN G

AGENCY BSWFRC	STATION LB-4	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1620	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay - Northeast End of Stump Pass			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.9	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	109	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	1.1	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	5.0	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	4	WIND DIRECTION	DEG COMP	36	180
COND	uMHO/CM	95	44,700	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	36.6				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	38,376	FECAL COLI MF	#/100ML	31616	0
CRTHO DISS	MG/L	671	-	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.006	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.029				
N KJEL	MG/L	625	.49				
ORGANIC	MG/L	605	.49				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	12				
SAMPLE TAKEN BY: Levy/M. Evans				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN G

TIME A - GRAB SAMPLE

1600

DEPTH

1 FT

AGENCY

8SWFRC

STATION

LB-5

DATE

27 Mar 77

TIME B COMPOSITE SAMPLE

BEGIN

COMP

END

REMARKS

LOCATION

Lemon Bay - Intracoastal
Waterway Marker 9

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.7	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	108	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	1.7	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	9.0	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	8	WIND DIRECTION	DEG COMP	36	225
COND	uMHO/CM	95	44,900	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	36.8				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	0
RES TOT	MG/L	500	38,748	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671	-	FECAL STREP MF	#/100ML	31679	0
AM TOT	MG/L	665	.005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.040				
N KJEL	MG/L	625	.51				
ORGANIC	MG/L	605	.51				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	10				

SAMPLE TAKEN BY: Levy/M. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN G

AGENCY BSWFR	STATION LB-6	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1530	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay - West End of Stump Pass			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.2	CURRENT SPEED	M/SEC	70225	
.O.	MG/L	299	7.5	CURRENT DIR	DEG COMP	70266	
P.O. SAT %	% SAT	301	105	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	1.0	TIDE FLOW	FT/SEC	900044	
H LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	9.5	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	4	WIND DIRECTION	DEG COMP	36	225
COND	UMHO/CM	95	44,900	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	36.8				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	20
BES TOT	MG/L	500	38,510	FECAL COLI MF	#/100ML	31616	0
CRTHO DISS	MG/L	671	-	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.022	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.031				
N KJEL	MG/L	625	.36				
ORGANIC	MG/L	605	.36				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	12				
SAMPLE TAKEN BY: Levy/M. Evans				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN G

AGENCY BSWFRC	STATION GC-1	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1545	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION			
				Godfrey Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	120	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	2.1	TIDE FLOW	FT/SEC	900044	
DR L/D	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.2	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	14	WIND DIRECTION	DEG COMP	36	225
COND	uMHO/CM	95	44,500	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	36.5				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	-
RES TOT	MG/L	500	37,678	FECAL COLI MF	#/100ML	31616	0
CRTHO DISS	MG/L	671	-	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.013	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.040				
N KJEL	MG/L	625	.94				
I ORGANIC	MG/L	605	.88				
NH3-N DISS	MG/L	608	.055				
C ORG (TOC)	MG/L	680	14.5				

SAMPLE TAKEN BY:

R. Evans

REPORT PREPARED BY:

RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN G

AGENCY BSWFRC	STATION GC-2	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1605	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Godfrey Creek at SR 777			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	27.1	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	123	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	3.6	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	4.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	31	WIND DIRECTION	DEG COMP	36	225
COND	uMHO/CM	95	40,000	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	32.8				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	60
RES TOT	MG/L	500	34,000	FECAL COLI MF	#/100ML	31616	30
ORTHO DISS	MG/L	671	-	FECAL STREP MF	#/100ML	31679	10
P TOT	MG/L	665	.046	ALGAE TOTAL	CELLS/ML	60050	
02-N DISS	MG/L	613	LT .005				
03-N DISS	MG/L	618	.041				
N KJEL	MG/L	625	1.36				
ORGANIC	MG/L	605	1.36				
NH3-N DISS	MG/L	608	LT .001				
ORG (TOC)	MG/L	680	17.5				
SAMPLE TAKEN BY: REPORT PREPARED BY: RAYMOND D. GASSER				REPORT VERIFIED BY: DR. JOHN B. MORRILL () CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN G

AGENCY BSWERC	STATION GC-3	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1635	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP END	

REMARKS				LOCATION			
				Godfrey Creek Between Sarasota Sections 19 and 30, Just Downstream from Culverts			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	27.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	15.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	193	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	1.6	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.6	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.9	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	75	WIND DIRECTION	DEG COMP	36	225
COND	uMHO/CM	95	2,150	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	1.4				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	1920
RES TOT	MG/L	500	1,490	FECAL COLI MF	#/100ML	31616	90
CRTHO DISS	MG/L	671	-	FECAL STREP MF	#/100ML	31679	140
P TOT	MG/L	605	.104	ALGAE TOTAL	CELLS/ML	60050	
PO2-N DISS	MG/L	613	LT .005				
PO3-N DISS	MG/L	618	.034				
N KJEL	MG/L	625	1.34				
ORGANIC	MG/L	605	1.32				
NH3-N DISS	MG/L	608	.015				
ORG (TOC)	MG/L	680	-				

SAMPLE TAKEN BY R. EvansREPORT PREPARED BY:
RAYMOND D. CASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN G

AGENCY BSWFRC	STATION AC-1	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1635	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Ainger Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	12.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	189	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	3.8	TIDE FLOW	FT/SEC	900044	
PH	STD UNIT	403	8.3	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.6	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	10	WIND DIRECTION	DEG COMP	36	180
COND	uMHO/CM	95	45,000	WIND VELOCITY	MPH	35	6
SALINITY PPT	PPTH	480	36.9				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	260
RES TOT	MG/L	500	40,330	FECAL COLI MF	#/100ML	31616	50
CRTHO DISS	MG/L	671	-	FECAL STREP MF	#/100ML	31679	20
P TOT	MG/L	665	.010	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.040				
N KJEL	MG/L	625	.80				
I ORGANIC	MG/L	605	.78				
NH3-N DISS	MG/L	608	.020				
C ORG (TOC)	MG/L	680	16				

SAMPLE TAKEN BY: Harvey

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSERDR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN G

AGENCY BSWERC	STATION AC-2	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1620	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Ainger Creek at SR 776			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	25.0	CURRENT SPEED	M/SEC	70225	
.O.	MG/L	299	8.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	120	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	1.2	TIDE FLOW	FT/SEC	900044	
H LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.4	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	12	WIND DIRECTION	DEG COMP	36	180
COND	uMHO/CM	95	43,000	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	35.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	280
RES TOT	MG/L	500	37,080	FECAL COLI MF	#/100ML	31616	100
ORTHO DISS	MG/L	671	-	FECAL STREP MF	#/100ML	31679	100
P TOT	MG/L	665	.006	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.042				
N KJEL	MG/L	625	.66				
ORGANIC	MG/L	605	.63				
NH3-N DISS	MG/L	608	.026				
C ORG (TOC)	MG/L	680	15.5				
SAMPLE TAKEN BY: Harvey				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN G

AGENCY BSWERC	STATION AC-3	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1600	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Ainger Creek at Seahorse Lane			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	25.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	120	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	3.2	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	27	WIND DIRECTION	DEG COMP	36	225
COND	uMHO/CM	95	40,000	WIND VELOCITY	MPH	35	10
SALINITY PPT	PPTH	480	32.8				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	40
RES TOT	MG/L	500	32,822	FECAL COLI MF	#/100ML	31616	10
ORTHO DISS	MG/L	671	-	FECAL STREP MF	#/100ML	31679	20
TOT	MG/L	665	.022	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.033				
N KJEL	MG/L	625	.76				
ORGANIC	MG/L	605	.74				
NH3-N DISS	MG/L	608	.015				
C ORG (TOC)	MG/L	680	19				

SAMPLE TAKEN BY: HarveyREPORT PREPARED BY:
RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN G

AGENCY BSWFR	STATION OC-1	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1630	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION			
				Oyster Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	25.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	9.5	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	142	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	1.5	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.3	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	8	WIND DIRECTION	DEG COMP	36	180
COND	UMHO/CM	95	44,500	WIND VELOCITY	MPH	35	12
SALINITY PPT	PPTH	480	36.5				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	160
RES TOT	MG/L	500	39,588	FECAL COLI MF	#/100ML	31616	40
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	50
P TOT	MG/L	665	.008	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.039				
N KJEL	MG/L	625	.55				
ORGANIC	MG/L	605	.52				
NH3-N DISS	MG/L	608	.026				
ORG (TOC)	MG/L	680	11				

SAMPLE TAKEN BY:

Baker

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

REPORT PREPARED BY:

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN G

AGENCY BSWFRC	STATION OC-2	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1605	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Oyster Creek at Broowood Drive			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	25.4	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.5	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	127	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	3.3	TIDE FLOW	FT/SEC	900044	
PH LND	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	32	WIND DIRECTION	DEG COMP	36	180
COND	uMHO/CM	95	41,000	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	33.6				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	60
RES TOT	MG/L	500	37,196	FECAL COLI MF	#/100ML	31616	10
CRTPO DISS	MG/L	671	-	FECAL STREP MF	#/100ML	31679	80
P TOT	MG/L	665	.022	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.048				
N KJEL	MG/L	625	1.14				
ORGANIC	MG/L	605	1.14				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	16				

SAMPLE TAKEN BY: Baker

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN G

AGENCY BSWFRC	STATION OC-3	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1545	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Oyster Creek at San Casa Road			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	25.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	105	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	2.7	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.8	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	25	WIND DIRECTION	DEG COMP	36	180
COND	uMHO/CM	95	42,000	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	34.4				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	120
RES TOT	MG/L	500	36,944	FECAL COLI MF	#/100ML	31616	30
P ORTHO DISS	MG/L	671	-	FECAL STREP MF	#/100ML	31679	160
P TOT	MG/L	665	.016	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.040				
N KJEL	MG/L	625	1.13				
ORGANIC	MG/L	605	1.12				
NH3-N DISS	MG/L	608	.010				
C ORG (TOC)	MG/L	680	15.5				
SAMPLE TAKEN BY: Baker				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN G

AGENCY BSWFRC	STATION BC-1	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1630	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Buck Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	26.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	11.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	172	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	2.7	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.2	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.8	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	13	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	46,900	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	38.5				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	120
RES TOT	MG/L	500	40,662	FECAL COLI MF	#/100ML	31616	10
ORTHO DISS	MG/L	671	-	FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665	.005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.047				
N KJEL	MG/L	625	.79				
I ORGANIC	MG/L	605	.77				
NH3-N DISS	MG/L	608	.015				
C ORG (TOC)	MG/L	680	16.5				
SAMPLE TAKEN BY: Smolker				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL () CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN 6

AGENCY BSWFRC	STATION BC-2	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1610	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION			
				Buck Creek - 100 Yards Downstream From Rotunda Wier			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	25.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	107	TIDE DIRECTION	CODE	900043	1
B.O.D.	MG/L	310	1.1	TIDE FLOW	FT/SEC	900044	
SH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	65	WIND DIRECTION	DEG COMP	36	125
COND	uMHO/CM	95	1,980	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	1.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	1160
RES TOT	MG/L	500	1,698	FECAL COLI MF	#/100ML	31616	40
P ORTHO DISS	MG/L	671	-	FECAL STREP MF	#/100ML	31679	40
TOT	MG/L	605	.006	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.046				
N KJEL	MG/L	625	.63				
N ORGANIC	MG/L	605	.57				
NH3-N DISS	MG/L	608	.057				
C ORG (TOC)	MG/L	680	30				

SAMPLE TAKEN BY: Smolker

REPORT VERIFIED BY:

 REPORT PREPARED BY:
 RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN G

AGENCY 8SWFRC	STATION BC-3	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1550	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Buck Creek, Just Upstream From Rotunda Wier			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	25.3	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	95	TIDE DIRECTION	CODE	900043	1
D.O.D.	MG/L	310	1.8	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	60	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	1,300	WIND VELOCITY	MPH	35	12
SALINITY PPT	PPTH	480	0.9				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	TNTC
RES TOT	MG/L	500	1,456	FECAL COLI MF	#/100ML	31616	30
CRTHO DISS	MG/L	671	-	FECAL STREP MF	#/100ML	31679	10
P TOT	MG/L	665	LT .005	ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.040				
N KJEL	MG/L	625	.64				
ORGANIC	MG/L	605	.63				
NH3-N DISS	MG/L	608	.010				
ORG (TOC)	MG/L	680	30.5				
SAMPLE TAKEN BY: Smolker				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN H

AGENCY BSWFRC	STATION LB-1	DATE 27 Mar 77	TIME A - GRAB SAMPLE 2115	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay - Intracoastal Waterway Marker 33			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.2	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	116	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	2.6	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.2	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	5.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	17	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	45,000	WIND VELOCITY	MPH	35	12
SALINITY PPT	PPTH	480	36.9				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	-
RES TOT	MG/L	500	43,998	FECAL COLI MF	#/100ML	31616	-
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	-
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.030				
N KJEL	MG/L	625	1.22				
I ORGANIC	MG/L	605	1.22				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	14				

SAMPLE TAKEN BY: Levy/M. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN H

TIME A - GRAB SAMPLE

2050

AGENCY

8SWFRC

STATION

LB-2

DATE

27 Mar 77

TIME B - COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH

1 FT

REMARKS

LOCATION

Lemon Bay - Intracoastal
Waterway Marker 28

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.2	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.4	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	117	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	3.1	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.2	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	6.0	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	15	WIND DIRECTION	DEG COMP	36	135
COND	UMHO/CM	95	44,000	WIND VELOCITY	MPH	35	12
SALINITY PPT	PPTH	480	36.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	-
RES TOT	MG/L	500	46,912	FECAL COLI MF	#/100ML	31616	-
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	-
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.031				
N KJEL	MG/L	625	1.06				
ORGANIC	MG/L	605	1.06				
NH3-N DISS	MG/L	608	LT .001				
ORG (TOC)	MG/L	680	15				

SAMPLE TAKEN BY: Levy/M Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN H

AGENCY 8SWFRC	STATION LB-3	DATE 27 Mar 77	TIME A - GRAB SAMPLE 2025	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay - Intracoastal Waterway Marker 23			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	112	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.6	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	7	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	45,500	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	37.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	-
RES TOT	MG/L	500	39,810	FECAL COLI MF	#/100ML	31616	-
CRTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	-
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.031				
N KJEL	MG/L	625	.88				
I ORGANIC	MG/L	605	.88				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	9				

SAMPLE TAKEN BY: Levy/M Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN H

TIME A - GRAB SAMPLE

2005

TIME B - COMPOSITE SAMPLE

DEPTH

1 FT

AGENCY

BSWFR

STATION

LB-4

DATE

27 Mar 77

COMP

BEGR

END

REMARKS

LOCATION

Lemon Bay - Northeast End
of Stump Pass

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	111	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	1.7	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	5.7	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	6	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	44,500	WIND VELOCITY	MPH	35	7
CALINITY PPT	PPTH	480	36.5				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	-
RES TOT	MG/L	500	41,284	FECAL COLI MF	#/100ML	31616	-
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	-
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.031				
N KJEL	MG/L	625	.68				
ORGANIC	MG/L	605	.68				
NH3-N DISS	MG/L	608	LT .001				
ORG (TOC)	MG/L	680	12.5				

SAMPLE TAKEN BY: Levy/M. Evans

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN H

AGENCY BSWFRC	STATION LB-5	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1945	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay - Intracoastal Waterway Marker 9			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	21.7	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	107	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	2.3	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	5.2	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	11	WIND DIRECTION	DEG COMP	36	180
COND	uMHO/CM	95	44,500	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	36.5				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	-
RES TOT	MG/L	500	42,122	FECAL COLI MF	#/100ML	31616	-
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	-
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.031				
N KJEL	MG/L	625	.97				
ORGANIC	MG/L	605	.97				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	11.5				

SAMPLE TAKEN BY: Levy/ Evans

REPORT PREPARED BY:
RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN H

AGENCY BSWFR	STATION LB-6	DATE 27 Mar 77	TIME A - GRAB SAMPLE 1915	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay - West End of Stump Pass			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.5	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	124	TIDE DIRECTION	CODE	900043	2
B.C.D.	MG/L	310	2.0	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.2	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	9.3	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	8	WIND DIRECTION	DEG COMP	36	135
CHLOROPHYLL	UMHO/CM	95	44,000	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	36.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	-
RES TOT	MG/L	500	40,396	FECAL COLI MF	#/100ML	31616	-
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	-
PHOSPHORUS TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.031				
N KJEL	MG/L	625	.84				
ORGANIC	MG/L	605	.84				
AMMONIA-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	10				

SAMPLE TAKEN BY: Levy/M. Evans	REPORT VERIFIED BY: DR. JOHN B. MORRILL
REPORT PREPARED BY: RAYMOND D. GASSER	() CHANGE
	DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN H

AGENCY BSWFRC	STATION GC-1	DATE 27 Mar 77	TIME A - GRAB SAMPLE 2005	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Godfrey Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	22.1	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	114	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.5	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.9	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	15	WIND DIRECTION	DEG COMP	36	225
COND	uMHO/CM	95	44,200	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	36.2				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	200
RES TOT	MG/L	500	41,774	FECAL COLI MF	#/100ML	31616	10
CRTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	0
AS TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.044				
N KJEL	MG/L	625	.94				
ORGANIC	MG/L	605	.94				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	18				
SAMPLE TAKEN BY: R. Evans				REPORT VERIFIED BY: DR. JOHN B. MORRILL			
REPORT PREPARED BY: RAYMOND D. GASSER				() CHANGE DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN H

AGENCY BSWFRC	STATION GC-2	DATE 27 Mar 77	TIME A - GRAB SAMPLE 2030	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Godfrey Creek at SR 777			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	23.8	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	110	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.8	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.8	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	32	WIND DIRECTION	DEG COMP	36	225
COND	uMHO/CM	95	39,300	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	32.2				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	120
RES TOT	MG/L	500	53,852	FECAL COLI MF	#/100ML	31616	20
CRTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	0
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.048				
N KJEL	MG/L	625	1.18				
I ORGANIC	MG/L	605	1.18				
NH3-N DISS	MG/L	608	LT .001				
ORG (TOC)	MG/L	680	19.5				
SAMPLE TAKEN BY: <u>R. Evans</u>				REPORT VERIFIED BY: <u>DR. JOHN B. MORRILL</u>			
REPORT PREPARED BY: <u>RAYMOND D. GASSER</u>				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN H

AGENCY BSWFRC	STATION GC-3	DATE 27 Mar 77	TIME A - GRAB SAMPLE 2100	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Godfrey Creek between Sarasota Sections 19 and 30, just Downstream from Culverts			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.1	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.5	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	89	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.1	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.6	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.2	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	85	WIND DIRECTION	DEG COMP	36	225
COND	UMHO/CM	95	2,300	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	1.5				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	1020
RES TOT	MG/L	500	1,844	FECAL COLI MF	#/100ML	31616	130
CRTMO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	290
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.068				
N KJEL	MG/L	625	1.48				
ORGANIC	MG/L	605	1.48				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	34				

SAMPLE TAKEN BY: R Evans

REPORT VERIFIED BY:

FORM PREPARED BY:
RAYMOND D. GASPER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN H

TIME A - GRAB SAMPLE

2045

AGENCY
BSWFRCSTATION
AC-1DATE
27 Mar 77

TIME B - COMPOSITE SAMPLE

FROM

COMP

END

DEPTH
1 FT

REMARKS

LOCATION

Ainger Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	23.8	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	117	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	1.2	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.1	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.3	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	12	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	44,800	WIND VELOCITY	MPH	35	13
ALINITY PPT	PPTH	480	36.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	120
RES TOT	MG/L	500	39,124	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	60
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.046				
N KJEL	MG/L	625	.49				
ORGANIC	MG/L	605	.46				
NH3-N DISS	MG/L	608	.031				
ORG (TOC)	MG/L	680	12				

SAMPLE TAKEN BY: Harvey

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN H

TIME A - GRAB SAMPLE

2025

AGENCY
BSWFRCSTATION
AC-2DATE
27 Mar 77

TIME B - COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH
1 FT

REMARKS

LOCATION

Ainger Creek at SR 776

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	23.8	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	6.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	90	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	1.0	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.0	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	19	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	42,500	WIND VELOCITY	MPH	35	6
SALINITY PPT	PPTH	480	34.8				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	80
RES TOT	MG/L	500	38,284	FECAL COLI MF	#/100ML	31616	50
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	60
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.048				
N KJEL	MG/L	625	.84				
ORGANIC	MG/L	605	.81				
NH3-N DISS	MG/L	608	.028				
C ORG (TOC)	MG/L	680	17				

SAMPLE TAKEN BY: Harvey

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN H

AGENCY BSWFRC	STATION AC-3	DATE 27 Mar 77	TIME A - GRAB SAMPLE 2000	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Ainger Creek at Seahorse Lane			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	6.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	97	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	2.1	TIDE FLOW	FT/SEC	900044	
PH LAG	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.5	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	30	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	39,800	WIND VELOCITY	MPH	35	1
SALINITY PPT	PPTH	480	32.6				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	80
RES TOT	MG/L	500	37,566	FECAL COLI MF	#/100ML	31616	0
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	110
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.038				
N KJEL	MG/L	625	.89				
ORGANIC	MG/L	605	.89				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	18				

SAMPLE TAKEN BY: Harvey

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

PAYMOND D. GASSER

() CHANGE

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN H

TIME A - GRAB SAMPLE

2040

AGENCY BSWFRC	STATION OC-1	DATE 27 Mar 77
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TIME B - COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH
1 FT

REMARKS

LOCATION

Oyster Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	23.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.3	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	105	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.1	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.8	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	11	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	45,000	WIND VELOCITY	MPH	35	17
SALINITY PPT	PPTH	480	36.9				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	360
RES TOT	MG/L	500	38,752	FECAL COLI MF	#/100ML	31616	80
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	70
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.054				
N KJEL	MG/L	625	.74				
ORGANIC	MG/L	605	.70				
NH3-N DISS	MG/L	608	.038				
ORG (TOC)	MG/L	680	13				

SAMPLE TAKEN BY: Baker

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN H

TIME A - GRAB SAMPLE

2015

AGENCY
BSWFRSTATION
OC-2DATE
27 Mar 77

TIME B COMPOSITE SAMPLE

COMP

BEOM

END

DEPTH
1 FT

REMARKS

LOCATION

Oyster Creek at Brookwood Drive

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.8	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.6	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	128	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	3.5	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.8	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	32	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	43,000	WIND VELOCITY	MPH	35	12
SALINITY PPT	PPTH	480	35.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	300
RES TOT	MG/L	500	36,412	FECAL COLI MF	#/100ML	31616	70
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	230
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.050				
N KJEL	MG/L	625	.59				
I ORGANIC	MG/L	605	.59				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	17				

SAMPLE TAKEN BY: Baker

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN H

TIME A - GRAB SAMPLE
1950AGENCY
BSWFRC

STATION

OC-3

DATE
27 Mar 77

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH

1 FT

REMARKS

LOCATION

Oyster Creek at San Casa Road

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.2	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	6.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	87	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	3.2	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.6	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	30	WIND DIRECTION	DEG COMP	36	135
COND	UMHO/CM	95	42,000	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	34.4				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	100
RES TOT	MG/L	500	36,174	FECAL COLI MF	#/100ML	31616	70
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	50
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.048				
N KJEL	MG/L	625	1.23				
ORGANIC	MG/L	605	1.23				
NH3-N DISS	MG/L	608	LT .001				
ORG (TOC)	MG/L	680	17				

SAMPLE TAKEN BY: Baker

REPORT VERIFIED BY:

REPORT PREPARED BY:
RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN H

AGENCY 8SWFRC	STATION BC-1	DATE 27 Mar 77	TIME A - GRAB SAMPLE 2035	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Buck Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	25.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	122	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	0.7	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.2	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.0	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	15	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	45,000	WIND VELOCITY	MPH	35	10
SALINITY PPT	PPTH	480	36.9				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	80
RES TOT	MG/L	500	40,496	FECAL COLI MF	#/100ML	31616	20
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	10
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.040				
N KJEL	MG/L	625	1.02				
ORGANIC	MG/L	605	.95				
NH3-N DISS	MG/L	608	.072				
C ORG (TOC)	MG/L	680	18				
SAMPLE TAKEN BY: Smolker				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN H

AGENCY BSWFR	STATION BC-2	DATE 27 Mar 77	TIME A - GRAB SAMPLE 2010 TIME B COMPOSITE SAMPLE COMP BEGIN END	DEPTH 1 FT
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REMARKS				LOCATION			
				Buck Creek, 100 Yards Downstream From Rotunda Wier			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	94	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	0.1	TIDE FLOW	FT/SEC	900044	
H LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.0	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	65	WIND DIRECTION	DEG COMP	36	90
COND	UMHO/CM	95	1,690	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	1.1				
1 (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	1760
RES TOT	MG/L	500	1,532	FECAL COLI MF	#/100ML	31616	100
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	10
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.033				
N KJEL	MG/L	625	.87				
ORGANIC	MG/L	605	.82				
NH3-N DISS	MG/L	608	.047				
C ORG (TOC)	MG/L	680	28.5				

SAMPLE TAKEN BY: Smolker

REPORT PREPARED BY:
RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

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DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN H

TIME A - GRAB SAMPLE

1945

DEPTH

1 FT

AGENCY

STATION

DATE

BSWFRC

BC-3

27 Mar 77

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

REMARKS

LOCATION

Buck Creek, Just Upstream From
Rotunda Wier

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	24.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	83	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	3.1	TIDE FLOW	FT/SEC	900044	
H LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.3	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	65	WIND DIRECTION	DEG COMP	36	135
COND	UMHO/CM	95	1,250	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	0.8				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	TNTC
RES TOT	MG/L	500	844	FECAL COLI MF	#/100ML	31616	30
CRTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	30
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613	LT .005				
NO3-N DISS	MG/L	618	.031				
N KJEL	MG/L	625	.74				
ORGANIC	MG/L	605	.74				
NH3-N DISS	MG/L	608	LT .001				
C ORG (TOC)	MG/L	680	-				

SAMPLE TAKEN BY:

Smolker

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

RAYMOND D. GASSER

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APPENDIX C

STORET FORM---WATER QUALITY DATA

LEMON BAY COMPLEX

AUGUST 1 - 2, 1977

TABLE C-1

LOCATION OF STATIONS FOR LEMON BAY COMPLEX WET SEASON
WATER QUALITY STUDY. AUGUST 1 - 2, 1977.

LEMON BAY

LB-A - Englewood Causeway Bridge

LB-B - Manasota Key Bridge

BUCK CREEK

BC-1 - State Road 775 Bridge

BC-2 - 100 yards downstream from Rotunda wier

BC-3 - Just upstream from Rotunda wier

OYSTER CREEK

OC-1 - State Road 775 Bridge

OC-2 - Broodwood Drive

OC-3 - San Casa Road Bridge

AINGER CREEK

AC-1 - State Road 775 Bridge

AC-2 - State Road 776 Bridge

AC-3 - Seahorse Lane

GOTTFRIED CREEK

GC-1 - State Road 775 Bridge

GC-2 - State Road 777 Bridge

GC-3 - Between Sarasota Sections 19 and 30, just downstream
from culverts

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

AGENCY BSWFR	STATION LB - A	DATE 1 Aug 77	TIME A - GRAB SAMPLE 0945	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP	BEOM
			END	

REMARKS				LOCATION Lemon Bay at Englewood Causeway Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	31.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	4.6	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	76	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	2.1	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.3	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	10	WIND DIRECTION	DEG COMP	36	225
COND	µMHO/CM	95	51,500	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	36.0				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
P ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
V ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					
SAMPLE TAKEN BY:				REPORT VERIFIED BY:			
PORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

AGENCY BSWFRC	STATION LB - B	DATE 1 Aug 77	TIME A - GRAB SAMPLE 1010	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay at Manasota Key Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	30.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	3.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	49	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	3.0	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	5.3	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	25	WIND DIRECTION	DEG COMP	36	180
COND	μMHO/CM	95	49,000	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	34.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
AM TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
AMH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					
SAMPLE TAKEN BY:				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

AGENCY BSWFR	STATION GC - 1	DATE 1 Aug 77	TIME A - GRAB SAMPLE 0805	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BROM END	

REMARKS				LOCATION Gottfried Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	30.0	CURRENT SPEED	M/SEC	70225	
.O.	MG/L	299	2.3	CURRENT DIR	DEG COMP	70266	
A.O. SAT %	% SAT	301	35	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.6	TIDE FLOW	FT/SEC	900044	
H LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.3	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	40	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	37,500	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	26.2				
1 (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
A TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

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REPORT PREPARED BY: RAYMOND D. GASSER	DR. JOHN B. MORRILL
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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN

A

TIME A - GRAB SAMPLE

0820

TIME B - COMPOSITE SAMPLE

BEGIN

COMP

END

DEPTH

1 FT

AGENCY

BSWFRC

STATION

GC - 2

DATE

1 Aug 77

REMARKS

LOCATION

Gottfried Creek at SR 777

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	30.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	2.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	31	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	2.1	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.6	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.5	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	90	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	26,500	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	18.5				
(CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NO3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

AGENCY BSWFR	STATION GC - 3	DATE 1 Aug 77	TIME A - GRAB SAMPLE 0835	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP	BEGIN END

REMARKS				LOCATION Gottfried Creek Between Sarasota Sections 19 and 30, just downstream from culverts			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	26.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	0.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	11	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	0.7	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.9	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	80	WIND DIRECTION	DEG COMP	36	
COND	uMHO/CM	95	3,950	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	2.4				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P-TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:	REPORT VERIFIED BY:
REPORT PREPARED BY: RAYMOND D. GASSER	DR. JOHN B. MORRILL
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WATER QUALITY REPORT FORM

RUN A

TIME A - GRAB SAMPLE

0855

DEPTH

1 FT

AGENCY

BSWFRC

STATION

AC-1

DATE

2 Aug 77

TIME B - COMPOSITE SAMPLE

COMP

BEGIN

END

REMARKS

LOCATION

Ainger Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	30.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	1.3	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	20	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.3	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.6	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.3	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	35	WIND DIRECTION	DEG COMP	36	
COND	uMHO/CM	95	38,500	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	26.9				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
I ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

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REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

TIME A - GRAB SAMPLE

0905

TIME B - COMPOSITE SAMPLE

DEPTH

1 FT

AGENCY
BSWFRC

STATION

AC - 2

DATE

1 Aug 77

COMP

BEGIN

END

REMARKS

LOCATION

Ainger Creek at SR 776

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	30.5	CURRENT SPEED	M/SEC	70225	
DO	MG/L	299	0.6	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	9	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	0.2	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.6	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.6	TIDE STAGE	CODE	67	
CHLOR	PT-CO	80	45	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	34,500	WIND VELOCITY	MPH	35	4
SALINITY PPT	PPTH	480	24.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P-TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
I ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

TIME A - GRAB SAMPLE

0920

DEPTH

1 FT

AGENCY

BSWFR

STATION

AC - 3

DATE

1 Aug 77

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

REMARKS

LOCATION

Ainger Creek at Seahorse Lane

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	30.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	3.3	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	55	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	2.5	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.6	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	65	WIND DIRECTION	DEG COMP	36	90
COND	µMHO/CM	95	24,500	WIND VELOCITY	MPH	35	4
SALINITY PPT	PPTH	480	17.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

AGENCY BSWFRC	STATION OC-1	DATE 1 Aug 77	TIME A - GRAB SAMPLE 0935 TIME B - COMPOSITE SAMPLE COMP BEGIN END	DEPTH 1 FT
------------------	-----------------	------------------	---	---------------

REMARKS				LOCATION Oyster Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	31.0	CURRENT SPEED	M/SEC	70225	
DO	MG/L	299	2.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	46	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.4	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.6	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	25	WIND DIRECTION	DEG COMP	36	180
COND	uMHO/CM	95	51,000	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	35.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					
SAMPLE TAKEN BY:				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL () CHANGE			
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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

TIME A - GRAB SAMPLE

AGENCY BSWFRC	STATION OC 2	DATE 1 Aug 77	TIME B COMPOSITE SAMPLE	DEPTH 1 FT
			COMP	BEGIN END

REMARKS

LOCATION

Oyster Creek at Brookwood Dr

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	29.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	3.4	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	54	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	3.4	TIDE FLOW	FT/SEC	900044	
H LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.6	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	50	WIND DIRECTION	DEG COMP	36	225
COND	uMHO/CM	95	48,500	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	33.9				
1 (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

RAYMOND D. GASSER

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

TIME A - GRAB SAMPLE

0915

AGENCY BSWFRC	STATION OC 3	DATE 1 Aug 77	DEPTH 1 FT
TIME B - COMPOSITE SAMPLE		COMP	
BEGIN		END	

REMARKS				LOCATION Oyster Creek at San Casa Rd.			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	32.1	CURRENT SPEED	M/SEC	70225	
O.	MG/L	299	3.5	CURRENT DIR	DEG COMP	70266	
P.O. SAT %	% SAT	301	57	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	3.5	TIDE FLOW	FT/SEC	900044	
I LAB	STD UNIT	403	7.5	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.2	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	70	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	41,000	WIND VELOCITY	MPH	35	4
SALINITY PPT	PPTH	480	28.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
AM43-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					
SAMPLE TAKEN BY:				REPORT VERIFIED BY:			
PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

TIME A - GRAB SAMPLE

0900

AGENCY

STATION

DATE

DEPTH

BSWFRC

BC-1

1 Aug 77

1 FT

TIME B - COMPOSITE SAMPLE

COMP

BEGIN

END

REMARKS

LOCATION

Buck Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	29.6	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	0.9	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	13	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	0.9	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.6	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.2	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	25	WIND DIRECTION	DEG COMP	36	135
COND	UMHO/CM	95	50,500	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	35.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NH2-N DISS	MG/L	613					
NH3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

TIME A - GRAB SAMPLE

0843

DEPTH

1 FT

AGENCY
BSWFR

STATION
BC-2

DATE

1 Aug 77

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

REMARKS

LOCATION

Buck Creek 100 Yards
Downstream from Rotunda Wier

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	29.9	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	0.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	00	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	0.0	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	6.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	22.0	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	120	WIND DIRECTION	DEG COMP	36	
COND	UMHO/CM	95	49,500	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	34.6				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN A

AGENCY BSWFRC	STATION BC-3	DATE 1 Aug 77	TIME A - GRAB SAMPLE 0830	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP	BEGIN
				END

REMARKS				LOCATION			
				Buck Creek just upstream from Rotunda Wier			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	30.9	CURRENT SPEED	M/SEC	70225	
.O.	MG/L	299	3.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	41	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.9	TIDE FLOW	FT/SEC	900044	
H LAB	STD UNIT	403	7.5	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.2	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	110	WIND DIRECTION	DEG COMP	36	
COND	uMHO/CM	95	1,400	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	.8				
1 (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					
SAMPLE TAKEN BY:				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

AGENCY BSWFRC	STATION LB - A	DATE 1 Aug 77	TIME A - GRAB SAMPLE 2055	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay at Englewood Causway Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	30.5	CURRENT SPEED	M/SEC	70225	
DO	MG/L	299	6.3	CURRENT DIR	DEG COMP	70266	2
D.O. SAT %	% SAT	301	103	TIDE DIRECTION	CODE	900043	
B.O.D.	MG/L	310	2.4	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	15	WIND DIRECTION	DEG COMP	36	
COND	uMHO/CM	95	49,500	WIND VELOCITY	MPH	35	4
SALINITY PPT	PPTH	480	34.6				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
ORG (TOC)	MG/L	680					
SAMPLE TAKEN BY:				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL () CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

AGENCY BSWFR	STATION LB - B	DATE 1 Aug 77
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TIME A - GRAB SAMPLE 2130		DEPTH 1 FT
TIME B COMPOSITE SAMPLE		
COMP	BEOM END	

REMARKS				LOCATION Lemon Bay at Manasota Key Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	30.0	CURRENT SPEED	M/SEC	70225	
O.	MG/L	299	5.6	CURRENT DIR	DEG COMP	70266	
P.O. SAT %	% SAT	301	89	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	4.5	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	6.5	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	35	WIND DIRECTION	DEG COMP	36	
COND	uMHO/CM	95	46,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	32.2				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P-TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					
SAMPLE TAKEN BY:				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL () CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

TIME A - GRAB SAMPLE

1930

AGENCY BSWFRC	STATION GC - 1	DATE 1 Aug 77	DEPTH 1 FT
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TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

REMARKS

LOCATION

Gottfried Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	33.0	CURRENT SPEED	M/SEC	70225	
DO	MG/L	299	5.2	CURRENT DIR	DEG COMP	70266	2
D.O. SAT %	% SAT	301	86	TIDE DIRECTION	CODE	900043	
B.O.D.	MG/L	310	2.1	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.7	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	40	WIND DIRECTION	DEG COMP	36	270
COND	uMHO/CM	95	40,500	WIND VELOCITY	MPH	35	4
SALINITY PPT	PPTH	480	28.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

TIME A - GRAB SAMPLE

1945

TIME B COMPOSITE SAMPLE

DEPTH

1 FT

AGENCY

BSWFRC

STATION

GC - 2

DATE

1 Aug 77

COMP

SEOM

END

REMARKS

LOCATION

Gottfried Creek at SR 777

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	33.3	CURRENT SPEED	M/SEC	70225	
DO	MG/L	299	6.4	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	101	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	5.1	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.1	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	100	WIND DIRECTION	DEG COMP	36	270
COND	UMHO/CM	95	29,500	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	20.6				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

TIME A - GRAB SAMPLE

1955

DEPTH

1 FT

AGENCY

BSWFRC

STATION

GC - 3

DATE

1 Aug 77

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

REMARKS

LOCATION

Gottfried Creek between Sarasota
Sections 19 and 30, just downstream from
culverts

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	31.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	1.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	23	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.7	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.2	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	120	WIND DIRECTION	DEG COMP	36	
COND	UMHO/CM	95	3,350	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	2.0				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

TIME A - GRAB SAMPLE

2015

DEPTH

1 FT

AGENCY

BSWFRC

STATION

AC - 1

DATE

2 Aug 77

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

REMARKS

LOCATION

Ainger Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	33	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	82	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.5	TIDE FLOW	FT/SEC	900044	
4 LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.9	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	35	WIND DIRECTION	DEG COMP	36	270
COND	uMHO/CM	95	41,000	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	28.7				
1 (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

TIME A - GRAB SAMPLE

2025

TIME B - COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH

1 FT

AGENCY 8SWFRC	STATION AC - 2	DATE 1 Aug 77
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REMARKS

LOCATION

Ainger Creek at SR 776

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	33.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	4.4	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	72	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	1.8	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.6	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.5	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	40	WIND DIRECTION	DEG COMP	36	270
COND	uMHO/CM	95	37,000	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	25.9				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NH2-N DISS	MG/L	613					
NH3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

 RUN B

AGENCY BSWFRC	STATION AC - 3	DATE 1 Aug 77	TIME A - GRAB SAMPLE 2040	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Ainger Creek at Seahorse Lane			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	33.0	CURRENT SPEED	M/SEC	70225	
O.	MG/L	299	5.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	90	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	2.6	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	4.2	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	65	WIND DIRECTION	DEG COMP	36	270
COND	UMHO/CM	95	27,500	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	19.2				
(CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NH2-N DISS	MG/L	613					
NH3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
ORG (TOC)	MG/L	680					
SAMPLE TAKEN BY:				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL () CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

TIME A - GRAB SAMPLE

2110

DEPTH

1 FT

AGENCY

BSWFRC

STATION

OC - 1

DATE

1 Aug 77

TIME B - COMPOSITE SAMPLE

COMP

BEGIN

END

REMARKS

LOCATION

Oyster Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	33	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	4.3	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	73	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.5	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.6	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.9	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	30	WIND DIRECTION	DEG COMP	36	
COND	uMHO/CM	95	50,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	35.0				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
AMH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

AGENCY BSWFR	STATION OC - 2	DATE 1 Aug 77	TIME A - GRAB SAMPLE 2100	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Oyster Creek at Brookwood Dr			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	33	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	121	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	7.2	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.9	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	50	WIND DIRECTION	DEG COMP	36	0
COND	uMHO/CM	95	47,500	WIND VELOCITY	MPH	35	3
SALINITY PPT	PPTH	480	33.2				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					
SAMPLE TAKEN BY:				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL () CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

AGENCY 8SWFRC	STATION OC - 3	DATE 1 Aug 77	TIME A - GRAB SAMPLE 2045	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEOM END	

REMARKS				LOCATION Oyster Creek at San Casa Rd			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	32.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	130	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	3.1	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.4	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.6	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	120	WIND DIRECTION	DEG COMP	36	315
COND	uMHO/CM	95	29,500	WIND VELOCITY	MPH	35	4
SALINITY PPT	PPTH	480	30.6				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NH2-N DISS	MG/L	613					
NH3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
ORG (TOC)	MG/L	680					
SAMPLE TAKEN BY:				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL () CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

TIME A - GRAB SAMPLE

2025

DEPTH

1 FT

AGENCY

BSWFRC

STATION

BC - 1

DATE

1 Aug 77

TIME B COMPOSITE SAMPLE

COMP

BEOM

END

REMARKS

LOCATION

Buck Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	33	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.6	CURRENT DIR	DEG COMP	70266	
A.O. SAT %	% SAT	301	96	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	2.1	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	6.8	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	20	WIND DIRECTION	DEG COMP	36	315
COND	UMHO/CM	95	54,500	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	38.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
PH TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
AMH3-N DISS	MG/L	608					
LC ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT VERIFIED BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

AGENCY BSWFRC	STATION BC - 2	DATE 1 Aug 77	TIME A - GRAB SAMPLE 2007	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP END	

REMARKS				LOCATION Buck Creek, 100 yards downstream from Rotunda Wier			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	33	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	134	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	4.9	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.3	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.5	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	120	WIND DIRECTION	DEG COMP	36	315
COND	uMHO/CM	95	50,500	WIND VELOCITY	MPH	35	3
SALINITY PPT	PPTH	480	35.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					
SAMPLE TAKEN BY:				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN B

AGENCY BSWFR	STATION BC - 3	DATE 1 Aug 77	TIME A - GRAB SAMPLE 2000	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Buck Creek just upstream from Rotunda Wier			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	32.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	72	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	3.1	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.2	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	100	WIND DIRECTION	DEG COMP	36	315
COND	UMHO/CM	95	1,450	WIND VELOCITY	MPH	35	4
SALINITY PPT	PPTH	480	.8				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:	REPORT VERIFIED BY:
REPORT PREPARED BY: RAYMOND D. GASSER	DR. JOHN B. MORRILL () CHANGE
	DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

AGENCY BSWFRC	STATION LB-A	DATE 2 Aug 77	TIME A - GRAB SAMPLE 0940	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP	BEGIN END

REMARKS				LOCATION Lemon Bay at Englewood Causeway Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	31	CURRENT SPEED	M/SEC	70225	
.O.	MG/L	299	4.9	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	81	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	-	TIDE FLOW	FT/SEC	900044	
H LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.8	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	10	WIND DIRECTION	DEG COMP	36	180
COND	uMHO/CM	95	50,500	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	35.3				
1 (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:	REPORT VERIFIED BY:
REPORT PREPARED BY: RAYMOND D. GASSER	DR. JOHN B. MORRILL
	() CHANGE
	DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

AGENCY 8SWFRC	STATION LB-B	DATE 2 Aug 77	TIME A - GRAB SAMPLE 1005	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Lemon Bay at Manasota Key Bridge			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	30.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	4.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	66	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	-	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	5.8	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	30	WIND DIRECTION	DEG COMP	36	180
COND	uMHO/CM	95	47,500	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	33.2				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P-TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

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() CHANGE

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

TIME A - GRAB SAMPLE

0810

DEPTH

1 FT

AGENCY

BSWFRC

STATION

GC-1

DATE

2 Aug 77

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

REMARKS

LOCATION

Gottfried Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	30.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	2.3	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	36	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	1.4	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.6	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.6	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	40	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	41,500	WIND VELOCITY	MPH	35	4
SALINITY PPT	PPTH	480	29.0				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

TIME A - GRAB SAMPLE

0825

TIME B - COMPOSITE SAMPLE

COMP

STORM

END

DEPTH

1 FT

REMARKS

LOCATION

Gottfried Creek at SR 777

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	30.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	2.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	35	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	2.1	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.5	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.6	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	80	WIND DIRECTION	DEG COMP	36	135
COND	uMHO/CM	95	28,500	WIND VELOCITY	MPH	35	4
SALINITY PPT	PPTH	480	19.9				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

TIME A - GRAB SAMPLE

0840

TIME B - COMPOSITE SAMPLE

DEPTH

1 FT

AGENCY

BSWFR

STATION

GC-3

DATE

2 Aug 77

COMP

BEIGN

END

REMARKS

LOCATION

Gottfried Creek Between Sarasota Sections
19 and 30 Just Downstream From Culverts

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	26.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	0.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	12	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	0.7	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.6	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.0	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	100	WIND DIRECTION	DEG COMP	36	
COND	UMHO/CM	95	4,050	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	2.8				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

REPORT VERIFIED BY:

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

TIME A - GRAB SAMPLE

0855

DEPTH

1 FT

AGENCY

BSWFR

STATION

AC - 1

DATE

2 Aug 77

TIME B COMPOSITE SAMPLE

COMP

BEIGN

END

REMARKS

LOCATION

Ainger Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	30	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	1.6	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	25	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	0.5	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.6	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.3	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	35	WIND DIRECTION	DEG COMP	36	180
COND	μMHO/CM	95	42,500	WIND VELOCITY	MPH	35	4
SALINITY PPT	PPTH	480	29.7				
(CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

TIME A - GRAB SAMPLE

0905

DEPTH

1 FT

AGENCY
BSWFRCSTATION
AC-2DATE
2 Aug 77

TIME B - COMPOSITE SAMPLE

COMP
BEOM
END

REMARKS

LOCATION

Ainger Creek at SR 776

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	30.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	3.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	48	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	1.5	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.6	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.2	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	50	WIND DIRECTION	DEG COMP	36	180
COND	uMHO/CM	95	37,000	WIND VELOCITY	MPH	35	4
CALINITY PPT	PPTH	480	25.9				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

() CHANGE

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

TIME A - GRAB SAMPLE

0920

DEPTH

1 FT

AGENCY

BSWFRC

STATION

AC-3

DATE

2 Aug 77

TIME B COMPOSITE SAMPLE

COMP

BEIGN

END

REMARKS

LOCATION

Ainger Creek At Seahorse Lane

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	31.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	4.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	64	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	3.0	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	4.1	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	70	WIND DIRECTION	DEG COMP	36	180
COND	uMHO/CM	95	27,000	WIND VELOCITY	MPH	35	7
SALINITY PPT	PPTH	480	18.9				
1 (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT VERIFIED BY:

REPORT PREPARED BY:

DR. JOHN B. MORRILL

RAYMOND D. GASSER

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

TIME A - GRAB SAMPLE

1000

TIME B - COMPOSITE SAMPLE

DEPTH

1 FT

AGENCY

BSWFR

STATION

OC - 1

DATE

2 Aug 77

COMP

BEIGN

END

REMARKS

LOCATION

Oyster Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	31.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	2.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	45	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.5	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.7	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.6	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	25	WIND DIRECTION	DEG COMP	36	90
COND	UMHO/CM	95	51,500	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	36.0				
1 (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

TIME A - GRAB SAMPLE

0950

DEPTH

1 FT

AGENCY
BSWFRC

STATION

OC - 2

DATE

2 Aug 77

TIME B COMPOSITE SAMPLE

FROM

COMP

END

REMARKS

LOCATION

Oyster Creek at Brookwood Dr

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	31.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	3.5	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	58	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	3.5	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.6	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	4.2	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	45	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	48,500	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	33.9				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

TIME A - GRAB SAMPLE

0940

DEPTH

1 FT

AGENCY

BSWFRC

STATION

OC - 3

DATE

2 Aug 77

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

REMARKS

LOCATION

Oyster Creek at San Casa Rd

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	31.0	CURRENT SPEED	M/SEC	70225	
DO	MG/L	299	4.6	CURRENT DIR	DEG COMP	70266	
P.O. SAT %	% SAT	301	71	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	4.6	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.5	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.9	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	100	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	31,500	WIND VELOCITY	MPH	35	5
SALINITY PPT	PPTH	480	22.0				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
AM3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

AGENCY BSWFRC	STATION BC - 1	DATE 2 Aug 77	TIME A - GRAB SAMPLE 0925	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP SEOM END	

REMARKS				LOCATION Buck Creek at SR 775			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	29.0	CURRENT SPEED	M/SEC	70225	
.O.	MG/L	299	1.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	29	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	1.8	TIDE FLOW	FT/SEC	900044	
H LAB	STD UNIT	403	7.5	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	35	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	52,500	WIND VELOCITY	MPH	35	10
SALINITY PPT	PPTH	480	36.7				
1 (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					
SAMPLE TAKEN BY:				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN C

AGENCY BSWFR	STATION BC - 2	DATE 2 Aug 77	TIME A - GRAB SAMPLE 0910	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS

LOCATION

Buck Creek 100 yards downstream from
Rotunda Wier

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	27.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	0.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	00	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	0.0	TIDE FLOW	FT/SEC	900044	
H LAB	STD UNIT	403	7.2	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	13	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	120	WIND DIRECTION	DEG COMP	36	90
PHOSPH	µMHO/CM	95	51,000	WIND VELOCITY	MPH	35	10
SALINITY PPT	PPTH	480	35.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
AM TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT VERIFIED BY:

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RAYMOND D. GASSER

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WATER QUALITY REPORT FORM

RUN C

TIME A - GRAB SAMPLE

0900

DEPTH

1 FT

AGENCY

BSWFRC

STATION

BC - 3

DATE

2 Aug 77

TIME B COMPOSITE SAMPLE

COMP

BEGRN

END

REMARKS

LOCATION

Buck Creek just upstream from Rotunda Wier

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	31.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	3.3	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	45	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.1	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.2	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	100	WIND DIRECTION	DEG COMP	36	90
COND	uMHO/CM	95	1,600	WIND VELOCITY	MPH	35	10
SALINITY PPT	PPTH	480	1.0				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
AMTOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

REPORT VERIFIED BY:

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN D

TIME A - GRAB SAMPLE

2125

AGENCY
BSWFRCSTATION
LB-ADATE
2 Aug 77

TIME B - COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH
1 FT

REMARKS

LOCATION

Lemon Bay at Englewood Causeway Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	32.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.6	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	145	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	2.3	TIDE FLOW	FT/SEC	900044	
H LAB	STD UNIT	403	8.3	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.9	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	10	WIND DIRECTION	DEG COMP	36	
COND	uMHO/CM	95	51,000	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	35.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN D

TIME A - GRAB SAMPLE

TIME B - COMPOSITE SAMPLE

DEPTH
1 FT

AGENCY
BSWFR

STATION
LB-B

DATE
2 Aug 77

COMP

BEOM
END

REMARKS

LOCATION

Lemon Bay at Manasota Key Bridge

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	32.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	6.5	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	108	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	4.4	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	8.2	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	6.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	25	WIND DIRECTION	DEG COMP	36	
COND	uMHO/CM	95	47,000	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	32.9				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P-TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C-ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT VERIFIED BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN D

TIME A - GRAB SAMPLE

AGENCY BSWFRC	STATION GC-1	DATE 2 Aug 77	DEPTH 1 FT
------------------	-----------------	------------------	---------------

TIME B - COMPOSITE SAMPLE

COMP

BEOM

END

REMARKS

LOCATION

Gottfried Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	28.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.1	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	109	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	2.6	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.4	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	35	WIND DIRECTION	DEG COMP	36	180
COND	uMHO/CM	95	43,000	WIND VELOCITY	MPH	35	4
SALINITY PPT	PPTH	480	30.1				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT VERIFIED BY:

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RAYMOND D. GASSER

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN D

TIME A - GRAB SAMPLE
2010

AGENCY BSWFR	STATION GC-2	DATE 2 Aug 77	TIME B COMPOSITE SAMPLE	DEPTH 1 FT
			COMP	SEOM
			END	

REMARKS

LOCATION

Gottfried Creek at SR 777

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	29.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	7.9	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	116	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	5.5	TIDE FLOW	FT/SEC	900044	
LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.8	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	70	WIND DIRECTION	DEG COMP	36	180
COND	uMHO/CM	95	30,500	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	21.3				
(CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT VERIFIED BY:

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RAYMOND D. GASSER

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WATER QUALITY REPORT FORM

RUN D

TIME A - GRAB SAMPLE

2020

AGENCY
BSWFRCSTATION
GC-3DATE
2 Aug 77

TIME B COMPOSITE SAMPLE

COMP

BROM

END

DEPTH
1 FT

REMARKS

LOCATION

Gottfried Creek Between Sarasota Sections 19
and 30 Just Downstream from Culverts

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	27	CURRENT SPEED	M/SEC	70225	
I.O.	MG/L	299	1.5	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	19	TIDE DIRECTION	CODE	900043	2
U.O.D.	MG/L	310	1.5	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.5	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.6	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	90	WIND DIRECTION	DEG COMP	36	
COND	uMHO/CM	95	3,350	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	2.0				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
I ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT VERIFIED BY:

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RAYMOND D. GASSER

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN D

AGENCY BSWFRC	STATION AC-1	DATE 2 Aug 77	TIME A - GRAB SAMPLE 2040	DEPTH 1 FT
			TIME B COMPOSITE SAMPLE	
			COMP BEOM END	

REMARKS

LOCATION

Ainger Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	28	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	6.2	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	94	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	1.6	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.8	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	30	WIND DIRECTION	DEG COMP	36	225
COND	uMHO/CM	95	44,000	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	30.8				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
I ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT VERIFIED BY:

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RAYMOND D. GASSER

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WATER QUALITY REPORT FORM

RUN D

TIME A - GRAB SAMPLE

2055

DEPTH

1 FT

AGENCY

BSWFRC

STATION

AC-2

DATE

2 Aug 77

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

REMARKS

LOCATION

Ainger Creek at SR 776

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	33.0	CURRENT SPEED	M/SEC	70225	
.O.	MG/L	299	5.3	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	86	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	2.2	TIDE FLOW	FT/SEC	900044	
H LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.6	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	35	WIND DIRECTION	DEG COMP	36	270
COND	uMHO/CM	95	38,500	WIND VELOCITY	MPH	35	2
CALINITY PPT	PPTH	480	26.9				
(CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT VERIFIED BY:

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WATER QUALITY REPORT FORM

RUN D

AGENCY BSWFRC	STATION AC-3	DATE 2 Aug 77	TIME A - GRAB SAMPLE 2110	DEPTH 1 FT
			TIME B - COMPOSITE SAMPLE	
			COMP BEGIN END	

REMARKS				LOCATION Ainger Creek at Seahorse Lane			
PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	33.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	6.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	107	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	3.4	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.5	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	60	WIND DIRECTION	DEG COMP	36	
COND	uMHO/CM	95	29,000	WIND VELOCITY	MPH	35	2
SALINITY PPT	PPTH	480	20.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
ORG (TOC)	MG/L	680					
SAMPLE TAKEN BY:				REPORT VERIFIED BY:			
REPORT PREPARED BY: RAYMOND D. GASSER				DR. JOHN B. MORRILL			
				() CHANGE			
				DATE SUBMITTED			

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN D

AGENCY

BSWFRC

STATION

OC-1

DATE

2 Aug 77

TIME A - GRAB SAMPLE

2120

TIME B - COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH

1 FT

REMARKS

LOCATION

Oyster Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	33.2	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	4.7	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	81	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	2.4	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.8	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.0	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	30	WIND DIRECTION	DEG COMP	36	
COND	uMHO/CM	95	51,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	35.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

SAMPLE TAKEN BY:

REPORT PREPARED BY:

RAYMOND D. GASSER

REPORT VERIFIED BY:

DR. JOHN B. MORRILL

() CHANGE

DATE SUBMITTED

DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN D

TIME A - GRAB SAMPLE

2107

TIME B COMPOSITE SAMPLE

SEON

COMP

END

DEPTH

1 FT

REMARKS

LOCATION

Oyster Creek at Brookwood Drive

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	33.0	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	8.6	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	146	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	6.8	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.6	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	55	WIND DIRECTION	DEG COMP	36	
COND	uMHO/CM	95	49,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	34.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
CRTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
I ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

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DEPARTMENT OF ENVIRONMENTAL REGULATION

WATER QUALITY REPORT FORM

RUN D

TIME A - GRAB SAMPLE

2053

AGENCY
BSWFRSTATION
OC-3DATE
2 Aug 77

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

DEPTH
1 FT

REMARKS

LOCATION

Oyster Creek at San Casa Road

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	34	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	11.0	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	179	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	4.6	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.2	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.9	TIDE STAGE	CODE	67	
OLOR	PT-CO	80	90	WIND DIRECTION	DEG COMP	36	
COND	uMHO/CM	95	34,000	WIND VELOCITY	MPH	35	
SALINITY PPT	PPTH	480	23.8				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
ORG (TOC)	MG/L	680					

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WATER QUALITY REPORT FORM

RUN D

TIME A - GEAR SAMPLE

2035

AGENCY
BSWFRCSTATION
BC-1DATE
2 Aug 77

TIME B - COMPOSITE SAMPLE

DEPTH
1 FT

COMP

BEOM

END

REMARKS

LOCATION

Buck Creek at SR 775

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	33.5	CURRENT SPEED	M/SEC	70225	
I.O.	MG/L	299	6.9	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	122	TIDE DIRECTION	CODE	900043	2
D.O.D.	MG/L	310	2.4	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	8.0	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	2.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	25	WIND DIRECTION	DEG COMP	36	270
COND	UMHO/CM	95	56,000	WIND VELOCITY	MPH	35	4
SALINITY PPT	PPTH	480	39.2				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
I ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

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WATER QUALITY REPORT FORM

RUN D

TIME A - GRAB SAMPLE

2020

AGENCY

BSWFRC

STATION

BC-2

DATE

2 Aug 77

DEPTH

1 FT

TIME B COMPOSITE SAMPLE

COMP

BEGIN

END

REMARKS

LOCATION

Buck Creek 100 Yards Downstream
From Rotunda Wier

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	33.5	CURRENT SPEED	M/SEC	70225	
I.O.	MG/L	299	5.8	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	99	TIDE DIRECTION	CODE	900043	
B.O.D.	MG/L	310	1.8	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.6	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	1.7	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	110	WIND DIRECTION	DEG COMP	36	270
COND	uMHO/CM	95	49,000	WIND VELOCITY	MPH	35	4
SALINITY PPT	PPTH	480	34.3				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

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WATER QUALITY REPORT FORM

RUN D

TIME A - GRAB SAMPLE

2010

AGENCY

8SWFRC

STATION

BC-3

DATE

2 Aug 77

TIME B COMPOSITE SAMPLE

DEPTH

1 FT

COMP

BEGIN

END

REMARKS

LOCATION

Buck Creek Just Upstream
From Rotunda Wier

PARAMETER	UNIT	CODE	VALUE	PARAMETER	UNIT	CODE	VALUE
TEMP WATER	°C	10	32.5	CURRENT SPEED	M/SEC	70225	
D.O.	MG/L	299	5.3	CURRENT DIR	DEG COMP	70266	
D.O. SAT %	% SAT	301	74	TIDE DIRECTION	CODE	900043	2
B.O.D.	MG/L	310	2.9	TIDE FLOW	FT/SEC	900044	
PH LAB	STD UNIT	403	7.9	TIDE LEVEL	FEET	900133	
TURBIDITY FTU	FTU	76	3.2	TIDE STAGE	CODE	67	
COLOR	PT-CO	80	110	WIND DIRECTION	DEG COMP	36	270
COND	uMHO/CM	95	1,200	WIND VELOCITY	MPH	35	4
SALINITY PPT	PPTH	480	.7				
CL (CHLORIDE)	MG/L	940		COLI MF	#/100ML	31501	
RES TOT	MG/L	500		FECAL COLI MF	#/100ML	31616	
ORTHO DISS	MG/L	671		FECAL STREP MF	#/100ML	31679	
P TOT	MG/L	665		ALGAE TOTAL	CELLS/ML	60050	
NO2-N DISS	MG/L	613					
NO3-N DISS	MG/L	618					
N KJEL	MG/L	625					
I ORGANIC	MG/L	605					
NH3-N DISS	MG/L	608					
C ORG (TOC)	MG/L	680					

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